# IBM

# Personal Systems Reference IBM ThinkPad - withdrawn



#### **運派 ThinkPad 300, 500, 700, 700C - withdrawn**

IBM <sup>®</sup> ThinkPad <sup>®</sup> :	<b>≈ 300</b>	<b>≈ 500</b>	<b>≈ 700</b>	× 700C
	monochrome	sub-notebook	monochrome	color TFT
Processor type Processor speed Memory cache Coprocessor socket Diskette drive	80386 SL 25 MHz 64 KB external Yes (for 387 SL) 3.5" 1.44 MB	80486 SLC2 50/25 MHz 16 KB internal No External 3.5" 1.44 MB	80486 SLC	80486 SLC
Price (retail USD) Type - model Hard drive - size Hard drive - speed Available date Withdrawal date	\$ 1,999 2615-065 <b>80 MB</b>	\$ 1,999 2603-081 85 MB 15 ms June 93 Dec 93 \$ 2,499 2603-171 170 MB 15 ms June 93 Dec 93	\$ 2,750 9552-300 <b>82 MB</b>	\$ 4,350 9552-30B 120 MB 17 ms O Oct 92 Oct 93
Display - type Display - grey scales Display - techology Display - light source Display - size (diag) Display - contrast ratio 180 degree display tilt	VGA mono 64 grey scales STN LCD - Side-lit 9.5 inch 13 to 1 Yes	VGA mono 64 grey scales STN LCD - backlit 7.4 inch 18 to 1 Yes (external SVGA)	VGA mono 64 grey scales STN LCD - backlit 9.5 inch 18 to 1 Yes	VGA color 256 colors 640x480 Thin film transistor Active matrix 10.4 inch 100 to 1 Yes
Memory - std / max Mem - sockets empty SIMM/ICs available	4 / 12 MB 80 ns 2 sockets (parity) 2, 8 MB SIMMs	4 / 12 MB 80 ns 1 socket (non-parity) 4, 8 MB ICs (3.3 volt)	4 / 16 MB 80 ns 2 sockets (parity) 2, 4, 8 MB ICs	4 / 16 MB 80 ns 2 sockets (parity) 2, 4, 8 MB ICs
Keyboard / # of keys Fn key functions Keyboard slope Mouse/pointing Ext keyboard support	Full size alp/num/ 82 Yes (back panel) Miniature (option) Yes 12 (in any appl)	90% size alp/num/ 81 11 (in any appl) No <b>TrackPoint II</b> ™ No	Full size alp/num/ 84 None 8 degrees (legs) TrackPoint II Yes (with opt cable)	Full size alp/num/84 None 8 degrees (legs) <b>TrackPoint II</b> Yes (with opt cable)
Dimensions Cubic inches Carrying case Color Weight (with battery)	12.1 x 8.5 x 1.7" 175 inches Blk nylon (option) Charcoal grey 5.9 pounds	10.1 x 7.2 x 1.6" 116 inches Blk nylon (option) Black 3.8 pounds	11.7 x 8.3 x 1.9" 185 inches Blk nylon (option) Black 6.5 pounds	11.7 x 8.3 x 2.2" 214 inches Blk nylon (option) Black 7.6 pounds
Battery - type Batt - life (per battery) Charge time - on / off Battery - options	Nickel hydride 3 to 10 hours 10 hrs / 2 hrs None	Sealed lead acid 3 to 9 hours 2.5 hrs / 1.2 hrs Nickel hydrid (\$49)	Nickel hydride 3.8 to 7.5 hours 3 hrs / 2 hrs Yes - status indicator	Nickel hydride 2 to 4 hours 1.5 hrs / 1.4 hrs Yes - status indicator
Architecture External AT/MCA port Comm Crtrdge (1 card) Docking Station Port replicator Modem/serial slot PCMCIA 2.01 slots Visible LEDs - closed Serial / parallel ports	AT bus No No (fast parallel) No Yes None Modem only Yes - batt charge Yes / Yes (EPP)	AT bus No No No No No Type I or 1 Type II Yes Yes (cable) / Yes (EPP)	Micro Channel® Yes Yes (black) Yes (3550-002) blk Yes (black) Yes None Yes Yes / Yes (DMA)	Micro Channel Yes Yes (black) Yes (3550-002) blk Yes (black) Yes None Yes Yes / Yes (DMA)
APM-aware BIOS Other features Preinstalled software Warranty	APM-aware BIOS Hrdw security loop None 1 year - carry in or EasyServ (opt onsite)	APM-aware BIOS Hibernation mode DOS 5.02, PRODIGY® 1 year - carry in or EasyServ (opt onsite)	APM-aware BIOS Hrdw security loop DOS 5.02, PRODIGY 3 year - carry in or EasyServ (opt onsite)	APM-aware BIOS Hrdw security loop DOS 5.02, PRODIGY 3 year - carry in or EasyServ (opt onsite)

The 700/720 family hard disks, batteries, and docking station are NOT compatible with 360, 750, 755. The 700/720 memory IS compatible with 360, 750, 755.

#### **FEATURES OF 500**

Most powerful sub-notebook with 486SLC2 Lightweight 3.8 pounds

Hibernation mode saves memory to the hard drive and shuts system off External VGA is SVGA (to 800 x 600) Std external floppy (9 oz) plugs into back Personalized nameplate in molded indentation

Coupon book with \$4,000 in savings Self charging battery with integrated wall plug and no memory effect (081, 171)

ThinkPad 500 models 081 and 171 withdrawn due to problems with the sealed lead acid battery and replaced by models 08N and 17N with a nickel hydride battery

#### **FEATURES OF 300**

Upgradeable to TFT active color; 8.4"
Ethernet on planar for 10baseT,10base2
Upgradeable to 120 MB (80 MB version)
External VGA is SVGA (to 1024 x 768)
2 level password security
Hot key setup in any application
Standby mode and rest mode
Rest mode lasts up to 2 weeks

#### FEATURES OF 700/700C and 720/720C

3 year international warranty 700/720 mono upgradeable to TFT color 700/700C upgradeable to 486SLC2 50/25 Upgradeable to 120, 160, 240, or 340 MB Removable hard disk Pressure activated TrackPoint II

Optional battery w/ power status indicators Quick Charger holds 2 batt; discharge button Coupon book with \$4,000 in savings

#### **FEATURES OF ALL PRODUCTS**

Suspend/resume mode; battery life indicator Non-disruptive battery exchange Simultaneous LCD and external CRT US EPA Energy Star compliant International warranty IBM or dealer warranty/service 30 day money back guarantee 24 hour / 7 day fax support 24 hour / 7 day bulletin board support 24 hour / 7 day telephone support at 1-800-772-2227

# THE ThinkPad 310 (EMEA) - withdrawn

	<b>≍</b> 310	<b>≯</b> 310	<b>≍</b> 310D				
	11.3" Dual Scan SVGA colo			SVGA color / 10 x CD-ROM			
Processor type Processor upgrade 2 cache External FDD port Diskette drive CD-ROM drive Code name	None 256 KB / write-back / direct		elined burst n CD-ROM-based m  External 3.5" 1.44	y nodel; or use if upgrade to CD-ROM) MB (connect to rear) notable(left side) / CAV			
Price	Laciosse	Laciosse	Laciosse				
Type - model Preload (see side) Avail / withdrawn date Disk - size / ms Disk controller		/ supports one internal disk	2600-200				
. ,	11.3" Dual Scan SVGA color		11.3" Dual Scan S				
Display - techology	11.3" SVGA color / 640 x 4 256 simultaneous colors / [	80 or 800 x 600 Dual Scan / 30 to 1 contrast ratio		/ 640 x 480 or 800 x 600 / 65,536 sim colors active matrix / 100 to 1 contrast ratio			
Graphics - controller Graph - arch/data path Gaphics - features Graphics - external	PCI 2.1 / interpolation / colo	Γ/ 180 degree tilt / Zoomed Vide		WINDOWS 95 PRELOAD			
Memory - std / max Memory - features Memory - upgrade	<b>16 MB</b> / 64 MB / one 16 MB 60 ns / non-parity / 3.3 volt /	S SO-DIMM is installed in one of EDO / memory installed from bo	ottom of system	Microsoft Windows 95 OSR2 (FAT16)     Notebook Manager     Phoenix Card Manager     ded blotte footbary			
Keyboard / # of keys Keyboard slope Pointing device Palm rest	TrackPoint III™ / no drag loc	emains flat (no sloop) / no liftup l		(no diskette factory)     1. IBM Anti-Virus     2. IntelliQuest Registration Mailer     3. ThinkPad Customization Icon     - Lotus SmartSuite CD-ROM			
Dimensions Weight	11.7 x 8.9 x 1.9" (198 cubic 6.6 pounds (3.0 kg)		7.0 lbs (3.2 kg)	Recovery CD-ROM with boot diskett     Windows 95 CD-ROM (no installation)			
Battery - type Battery - life Charge time - on / off	2.5 hours	ery unique to 310 / insert from rigion-disruptive battery exchange	ht side				
Architecture  Docking Station Port replicator PCMCIA™ slots  Serial / parallel ports Other features	PCI 2.1 / 32 bit / 33 Mhz (EI NS PC87336VJG (diskette, None None 2 Type I or 2 Type II or 1 Typ CardBus 32 bit PCI / Zoom One 9 pin; 16550A / one (IE Universal AC Adapter 3 pro	parallel) / ALI <sup>®</sup> Aladdin III M152 IDE, graphics, PCMCIA) serial, parallel) / TI PCI1131 Ca e III / PCMCIA 2.1 compatible / P ed Video support in lower slot EE P1284-A, EPP, ECP, bidirect ing (45 watts) with barrel connect 2 / Selectable boot / Acer ® BIOS					
Video in/out MPEG decoder Data/fax modem Audio support Audio jacks Felephone nfrared ports	None None None 16 bit audio chip / 18 voice Internal stereo speakers / .5	• MIDI FM synthesis / Yamaha watt / Fn key volume control / in output jack (3.5 mm) / stereo mic	YMF715 ternal microphone				
Security	Diskette and disk write prote	password (for Notebook Manage ect and disable / back (Kensington™ cable lock)	er and BIOS Utility)/	Disk is not removable, but it can be upgraded via a dealer or service center			
Preinstalled software Warranty	Windows 95 with application 1 year - carry-in	ns (listed on right)		(not customer installable).  System does not have non-disruptive			
BIOS Utility is entered by holding F2 while the ThinkPad logo is displayed after power on.  Fn + F1 = Hot key help Fn + F2 = Brightness/contrast Fn + arrows = Adjust brightness/contrast Fn + F3 = LCD/CRT/Simultaneous Fn + F4 = Fuel gauge Fn + F5 = Audio volume Fn + arrows = Adjust volume Fn + F6 = Power mgmt and system info Fn + F7 = Standby Fn + F8 = Hibernation Fn + Esc = Close Hot key icon		mpatible in ThinkPad 310 family: 2.1 GB HDD 13/14 ms (user upg NIMH Battery AC Adapter, 3 prong w/o power AC Adapter, 3 prong with US po 8 MB SO DIMM 3.3v NP EDO 64 to 16 MB SO DIMM 3.3v NP EDO 64 10 x CD-ROM w/ external FDD/ (dealer installable only) PCMCIA 28.8 Kbps Internationa	FEATURES OF MARKETS				

# ThinkPad® 310E and 310ED (EMEA) - withdrawn

IBM® ThinkPad®:	310E 12.1" Dual Scan SVGA color	310E 11.3" TFT SVGA color	310ED	SVGA color / 10X CD-ROM			
Processor type		z <sup>1</sup> Pentium MMX 150/60MHz	Pentium MMX 13				
Processor upgrade	None	2  1 01111111111111111111111111111111111	Cittain Millix 10	70700M112			
Processor features		64-bit to transfers to L2 cache					
L2 cache		napped / 7ns / sychronous pipeli		adaly ar use if ungrade to CD BOM			
External FDD port Diskette drive	Internal 3.5" 1.44MB (on left			odel; or use if upgrade to CD-ROM) 4MB (connect to rear)			
CD-ROM drive	None (upgrade available)	side)		pootable (left side) / CAV			
Code name	LaCrosse-2	LaCrosse-2	70010010 (1011 0100) / 0711				
Price							
Type - model	2600-400	2600-600	2600-500				
Preload (see side)	Windows 95 OSR2						
	November 1997 / July 1998						
Disk - size / ms Disk controller	1.6GB <sup>4</sup> / 13ms read; 14ms w EIDE / busmaster / PCI 2.1 /	rite / PIO Mode 4 / SMART					
			40 4" Dual Casa	CVCA color			
	12.1" Dual Scan SVGA cold		12.1" Dual Scan				
Display - techology		ual Scan / 30 to 1 contrast ratio	Black Matrix TFT -	640 x 480 or 800 x 600 / 65,536 sim colors active matrix / 100 to 1 contrast ratio			
Graphics - controller		oit SVGA accelerator / 1MB EDO	DRAM/70ns				
Grapn - arcn/data patn Gaphics - features	PCI 2.1 / interpolation / color	space conversion / 180 degree tilt / Zoomed Video	cupport				
Graphics - external	External SVGA to 1024x768		зарроп				
Memory - std / max		O-DIMM is installed in one of two	sockate				
Memory - features		DO / memory installed from bott		WINDOWS 95 PRELOAD <sup>16</sup>			
Memory - upgrade		DEC 144 pin EDO SO-DIMM of		- Microsoft Windows 95 OSR2 (FAT16)			
Keyboard / # of keys	Full size alp/num / 85 keys (9	<u> </u>		- Notebook Manager			
Keyboard slope	Large palm rest / keyboard re	emains flat (no sloop) / no liftup k	eyboard	- (no diskette factory) 1. IBM Anti-Virus			
Pointing device	TrackPoint® III / no drag lock			IntelliQuest Registration Mailer			
Palm rest		l keyboard support (no optional o		3. ThinkPad Customization Icon			
Dimensions		nches) / 298 mm x 227 mm x 49		CD-ROMs included in shipping carton:			
Weight <sup>2</sup>	6.6 pounds (3.0 kg)	6.6 pounds (3.0 kg)	7.1 lbs (3.2 kg)	- Application CD-ROM (includes			
Battery - life	3.0 hours	3.5 hours	3.0 hours	W95/W31/DOS device drivers, preloaded applications)			
Charge time - on / off Battery - type		n-disruptive battery exchange by unique to 310 / insert from righ	t cido	- Windows 95 CD-ROM (no installation;			
, ,,		parallel) / ALI <sup>®</sup> Aladdin III M1521		includes Setup Boot Diskette)			
Architecture	PCI2.1/32-bit/33MHz(EIDE,	ranhice PCMCIA)	/WT523 Chipset				
		serial, parallel) / TI PCI1131 Car	dBus (PCI)				
Docking Station	None						
Port replicator	None						
PCMCIA™ slots		e III / PCMCIA 2.1 compatible / PC	C Card Standard 95				
Serial / parallel ports		d Video support in lower slot E P1284-A, EPP, ECP, bidirection	anal)				
Other features		g (45 watts) with barrel connecto					
0.1.01.104.41.00	APM-aware BIOS / APM 1.2	/ Selectable boot / Acer® BIOS	. (5) /				
Video in/out	None						
MPEG decoder	None						
Data/fax modem	None						
Audio support		MIDI FM synthesis / Yamaha Y					
Audio jacks	Internal stereo speakers / .5 \	watt / Fn key volume control / inte utput jack (3.5 mm) / stereo mic ja	ernai microphone				
Telephone	None	atput jack (5.5 mm) / stereo mie je	ick (5.5 mm)				
Infrared ports	None						
Security	Power-on password / Setup to	password (for Notebook Manage	r and BIOS Utility)/				
•	diskette and disk write protect	t and disable / security keyhole /					
	electronic personalization			System does not have non-disruptive			
Preinstalled software	Microsoft® Windows® 95 with	applications (listed on right)		báttery exchange. Battery can be			
Limited warranty <sup>11</sup>	1 year - carry-in			changed while system is off, in			
DIOCHES :				hibernation, or under AC power.			
	by holding F2 while the	OPTIONS		No suspend mode; has standby and			
ThinkPad logo is displ	ayed alter power on.   - 2	.1GB disk, 13/14ms (user upgra	deable) 11J8643	hibernation mode			
Fn + F1 = Hot key h	nelp - 3	.2GB disk, 13/14ms (user upgra	deable) 05K8864				
Fn + F2 = Brightnes	ss/contrast - N	iMH Battery	11J8639	FEATURES			
Fn + arrows = Adjust		C Adapter, 3 prong without pow 6MB SO DIMM 3.3v NP EDO 64-b	er cord 11J8699 it, gold 11J8636	Plug and Play 1.0a			
$Fn + F3 = LCD/CR^2$ Fn + F4 = Fuelgauge		2MB SO DIMM 3.3v NP EDO 64-b		Standby and hibernation modes			
Fn + F5 = Audio vo		0X CD-ROM w/ external FDD/ca		Color LED indicator			
Fn + arrows = Adjust	volume (d	dealer installable only)		ENERGY STAR compliant Personalized nameplate indention			
Fn + F6 = Powerm	amt and system info   - 2	0X-8X Portable CD-ROM	1969010	International Warranty Service <sup>14</sup>			
Fn + F7 = Standby	-	0X-8X Portable Stereo CD-RON CMCIA 33.6Kbps International I		IBM SystemXtra™			
Fn + F8 = Hibernati	011	CMCIA 33.6Kbps International I		24 hour / 7 day telephone, bulletin			
Fn + Esc = Close Ho	of Key ICON	CC., CO.O.O.O.D.O. WIOGCIII W/ AC	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	board, fax, electronic, and Internet			
				(www.ibm.com/pc/us) support IBM and dealer warranty/service			
				ibin and dealer warranty/Service			

# **TEM ThinkPad® 310E and 310ED (EMEA) - Spring 1998 - withdrawn**

310E 12.1" Dual Scan SVGA color	<b>310E</b> 12.1" TFT SVGA color	310ED	SVGA color / CD-ROM			
		12.1 Duai Scan S	VGA COIOI / CD-ROIVI			
256KB / write-back / direct ma External FDD port (works with Internal 3.5" 1.44MB (on left s	apped / 7ns / sychronous pipel i standard external diskette on ide)	lined burst n CD-ROM-based m   External 3.5" 1.44	odel; or use if upgrade to CD-ROM) IMB (connect to rear) <b>DM</b> / bootable (left side) / CAV			
2.1GB4 / 13ms read; 14ms wr	ite / PIO Mode 4 / SMART	2600-B00				
	<u>'i'</u>	42 4" Dual Coon	CVCA color			
12.1" SVGA color / 640 x 480	or 800 x 600	12.1" SVGA color /	640 x 480 or 800 x 600 / 65,536 sim colors active matrix / 100 to 1 contrast ratio			
C&T™ 65550 HiQV32™ / 64-bit 1MB EDO DRAM / 70ns PCI 2.1 / interpolation / color s Simultaneous LCD and CRT /	SVGA accelerator pace conversion 180 degree tilt / Zoomed Video					
60ns / non-parity / 3.3 volt / ED	WINDOWS 95 PRELOAD <sup>16</sup> - Microsoft Windows 95 OSR2 (FAT16)  - Internet Explorer 4.0  - Notebook Manager					
Large palm rest / keyboard ren TrackPoint® III / no drag lock k	Full size alp/num / 85 keys (9 Fn key functions) Large palm rest / keyboard remains flat (no sloop) / no liftup keyboard TrackPoint® III / no drag lock keys					
11.7 x 8.9 x 2.0" (208 cubic in 6.6 pounds (3.0 kg)	ThinkPad Customization Icon     CD-ROMs included in shipping carton:     Application CD-ROM (includes					
	W95/W31/DOS device drivers, preloaded applications) - Windows 95 CD-ROM (no installation; includes Setup Boot Diskette)					
PCI 2.1 / 32-bit / 33 Mhz (EIDI NS PC87336VJG (diskette, se None None 2 Type I or 2 Type II or 1 Type I CardBus 32-bit PCI / Zoomed One 9 pin; 16550A / one (IEEE Universal AC Adapter 3 prong						
None None 16-bit audio chip/18 voice N Internal stereo speakers / .5 w Input jack (3.5 mm) / stereo out None	IIDI FM synthesis / Yamaha Y att / Fn key volume control / int	/MF715 ernal microphone				
Power-on password / Setup pa			System does not have non-disruptive			
Microsoft® Windows® 95 with a 1 year - carry-in	applications (listed on right)		battery exchange. Battery can be changed while system is off, in hibernation, or under AC power.			
laved after nower on	OPTIONS	deable) 11.18643	No suspend mode; has standby and hibernation mode			
help ss/contrast t brightness/contrast T/Simultaneous ge llume t volume orgat and system info	.2GB disk 13/14ms (user upgradeable) 05 iMH Battery 11 C Adapter, 3 prong without power cord 11 6MB SO DIMM 3.3v NP EDO 64-bit, gold 11 2MB SO DIMM 3.3v NP EDO 64-bit, gold 11 0X CD-ROM w/ external FDD/cable 11 (dealer installable only)		FEATURES  Plug and Play 1.0a Standby and hibernation modes Color LED indicator ENERGY STAR compliant Personalized nameplate indention International Warranty Service <sup>14</sup> IBM SystemXtra <sup>TM</sup> 24 hour / 7 day telephone, bulletin			
	Pentium® MMX™ 166/66MHz None MMX technology / P55CLM / 256KB / write-back / direct mate External FDD port (works with Internal 3.5" 1.44MB (on left s None (dealer upgrade availab)  2600-A00 Windows 95 OSR2 March 1998 / September 1998 2.1GB⁴ / 13ms read; 14ms wr EIDE / busmaster / PCI 2.1 / state in the second of the second	Pentium® MMX™ 166/66MHz¹ None  256MB / write-back / direct mapped / 7ns / sychronous pipe External FDD port (works with standard external diskette or Internal 3.5° 1.44MB (on left side) None (dealer upgrade available)  2600-A00  Windows 95 OSR2 March 1998 / September 1998 2.1GB⁴ / 13ms read; 14ms write / PIO Mode 4 / SMART EIDE / busmaster / PCI 2.1 / supports one internal disk  12.1" Dual Scan SVGA color	Pentium® MMX™ 166/66MHz¹ None MMX technology / P55CLM / 64-bit to transfers to L2 cache and memory 256KB / write-back / direct mapped / 7ns / sychronous pipelined burst External TDD port (works with standard external diskette on C0-ROM-based internal 3.5°1.44MB (on left side) None (dealer upgrade available)  2600-A00  2600-B00  2600-B			

# **運知 ThinkPad® 310ED (Retail models) - withdrawn**

Processor upgrade Processor features L2 cache External FDD port Diskette drive CD-ROM drive  Price Type - model UPC code Preload (see side) Avail / withdrawn date Disk - size / ms Disk controller Display - size and type Graphics - controller Graph - arch/data path Gaphics - features Graphics - external Memory - std / max Memory - std / max Memory - grade Memory - grade Keyboard / # of keys Keyboard / # of keys Keyboard slope Pointing device Palm rest Dimensions  11 Weight² 7. Battery - life Charge time - on / off Battery - type Architecture  IS Docking Station		/ sychronous pipelined burst external diskette on CD-ROM-based m / 20X-8X <sup>5</sup> CD-ROM / bootable (left sident based mark) 2600-B0U 087944395997 Windows 95 OSR2.5 March 1998 / September 1998 2.1GB / 13ms read; 14ms write / PIGE internal disk  00 0 to 1 contrast ratio elerator / 1MB EDO DRAM / 70ns rsion tilt / Zoomed Video support lors  32MB / 64MB / one SO-DIMM used y installed from bottom of system DO SO-DIMM of 8, 16, or 32MB tions)	de) / CAV			
Price Type - model UPC code Preload (see side) Avail / withdrawn date Disk - size / ms Disk controller Display - size and type Graphics - controller Graph - arch/data path Gaphics - features Graphics - external Memory - std / max Memory - std / max Memory - features Memory - upgrade Keyboard / # of keys Keyboard slope Pointing device Palm rest Dimensions 11 Weight² 7. Battery - life Charge time - on / off Battery - type Architecture IS Docking Station No	1600-50U 187944375975 Windows 95 OSR2 November 1997 / May 1998 16GB <sup>4</sup> / 13ms/14ms / PIO 4 / SMART 1EIDE / busmaster / PCI 2.1 / supports on 12.1" Dual Scan SVGA color 12.1" SVGA color / 640 x 480 or 800 x 60 1256 simultaneous colors / Dual Scan / 30 128T <sup>M</sup> 65550 HiQV32 <sup>TM</sup> / 64-bit SVGA according to the color of t	2600-B0U 087944395997 Windows 95 OSR2.5 March 1998 / September 1998 2.1GB / 13ms read; 14ms write / PIG e internal disk  00 0 to 1 contrast ratio elerator / 1MB EDO DRAM / 70ns rsion etilt / Zoomed Video support lors  32MB / 64MB / one SO-DIMM used y installed from bottom of system DO SO-DIMM of 8, 16, or 32MB tions)	WINDOWS 95 PRELOAD16 - Microsoft Windows 95 OSR2 (FAT16)			
Display - techology  Graphics - controller Graph - arch/data path Gaphics - features Graphics - external Memory - std / max Memory - features Memory - upgrade  Keyboard / # of keys Keyboard slope Pointing device Palm rest Dimensions Dimensions 11 Weight² 7. Battery - life Charge time - on / off Battery - type Architecture  In Society  Architecture  In Society  In	12.1" SVGA color / 640 x 480 or 800 x 60 256 simultaneous colors / Dual Scan / 30 28. T™ 65550 HiQV32™ / 64-bit SVGA accept 2.1 / interpolation / color space convectimultaneous LCD and CRT / 180 degree external SVGA to 1024 x 768 with 256 coloms / non-parity / 3.3 volt / EDO / memory socket available for JEDEC 144 pin EDEC 144 pin EDEC 144 pin EDEC 145 pin Figure 2. See 11. Not of the see	elerator / 1MB EDO DRAM / 70ns rsion tilt / Zoomed Video support lors  32MB / 64MB / one SO-DIMM used y installed from bottom of system DO SO-DIMM of 8, 16, or 32MB tions)	- Microsoft Windows 95 OSR2 (FAT16)			
Graphics - controller Graph - arch/data path Gaphics - features Si Graphics - external Ex Memory - std / max Memory - features Memory - upgrade 1: Keyboard / # of keys Keyboard slope Pointing device Palm rest Inf Dimensions 11 Weight² 7. Battery - life Charge time - on / off Battery - type Architecture IS Docking Station No.	256 simultaneous colors / Dual Scan / 30 C&T™ 65550 HiQV32™ / 64-bit SVGA accept 2.1 / interpolation / color space convectimultaneous LCD and CRT / 180 degree external SVGA to 1024 x 768 with 256 coloms / 6MB / 64MB / one SO-DIMM used 60ns / non-parity / 3.3 volt / EDO / memory socket available for JEDEC 144 pin ED full size alp/num / 85 keys (9 Fn key functionarge palm rest / keyboard remains flat (not frackPoint® III / no drag lock keys integrated palm rest / external keyboard sul 1.7 x 8.9 x 2.0" (208 cubic inches) / 298	elerator / 1MB EDO DRAM / 70ns rsion tilt / Zoomed Video support lors  32MB / 64MB / one SO-DIMM used y installed from bottom of system DO SO-DIMM of 8, 16, or 32MB tions)	- Microsoft Windows 95 OSR2 (FAT16)			
Graphics - controller Graph - arch/data path Gaphics - features Graphics - external Ex Memory - std / max Memory - features Memory - upgrade 1 step   Keyboard / # of keys Keyboard slope Pointing device Tr Palm rest Int Dimensions 11 Weight 7. Battery - life Charge time - on / off Battery - type Ni Architecture IS Pocking Station Nice Pocking Station Nice Pocking Station I stational Pocking Station I stationary I stati	C&T™ 65550 HiQV32™ / 64-bit SVGA accept I 2.1 / interpolation / color space convectimultaneous LCD and CRT / 180 degree external SVGA to 1024 x 768 with 256 colomb / 6MB / 64MB / one SO-DIMM used fons / non-parity / 3.3 volt / EDO / memor socket available for JEDEC 144 pin ED full size alp/num / 85 keys (9 Fn key functivarge palm rest / keyboard remains flat (nor frackPoint® III / no drag lock keys ntegrated palm rest / external keyboard substitution in the sub	elerator / 1MB EDO DRAM / 70ns rsion tilt / Zoomed Video support lors 32MB / 64MB / one SO-DIMM used y installed from bottom of system DO SO-DIMM of 8, 16, or 32MB tions)	- Microsoft Windows 95 OSR2 (FAT16)			
Memory - features Memory - upgrade Keyboard / # of keys Keyboard slope Pointing device Palm rest Dimensions Ueight² 7. Battery - life Charge time - on / off Battery - type Architecture Is No	Sons / non-parity / 3.3 volt / EDO / memory socket available for JEDEC 144 pin ED Full size alp/num / 85 keys (9 Fn key functions arge palm rest / keyboard remains flat (no FrackPoint® III / no drag lock keys integrated palm rest / external keyboard straight for the straight fo	y installed from bottom of system DO SO-DIMM of 8, 16, or 32MB tions)	- Microsoft Windows 95 OSR2 (FAT16)			
Keyboard / # of keys Keyboard slope Pointing device Palm rest Dimensions Weight² T. Battery - life Charge time - on / off Battery - type Architecture  No Docking Station  Fix Keyboard / # of keys In Keyboard / # of keys	Full size alp/num / 85 keys (9 Fn key functions)  arge palm rest / keyboard remains flat (not frack Point)  frack Point)  III / no drag lock keys and set of the first palm rest / external keyboard such frack (208 cubic inches) / 298	tions)				
Dimensions	1.7 x 8.9 x 2.0" (208 cubic inches) / 298	upport (no optional cable)	- AOL, AT&T WorldNet, CompuServ - Media Player - ActiveMovie (MPEG-1, AVI) - Video for Windows			
Battery - life 3.1 Charge time - on / off 3.5 Battery - type Ni Architecture IS PO NS Docking Station No		1.7 x 8.9 x 2.0" (208 cubic inches) / 298 mm x 227 mm x 50 mm				
Architecture IS PO NS Docking Station No	7.1 lbs (3.2 kg) 3.0 hours 3.5 to 10 hrs / 2.0 hrs / no non-disruptive b √liMH / non-intelligent / battery unique to 3		- MIDI Sequencer 1. Lotus® SmartSuite 97 - WordPro Work Processor - 1-2-3 Spreadsheet - Freelance Graphics			
PCMCIA™ slots Ca Serial / parallel ports Other features Ur	SA (audio, diskette, serial, parallel) / ALI PCI 2.1 / 32-bit / 33Mhz (EIDE, graphics, NS PC87336VJG (diskette, serial, parallel None Pone 1 Type III / PCMCIA PONE I OF 2 Type II or 1 Type III / PCMCIA PONE I OF 2 Type II or 1 Type III / PCMCIA PONE I OF 2 Type II or 1 Type III / PCMCIA PONE I OF 16550A / one (IEEE P1284-A, I Jniversal AC Adapter 3 prong (45 watts) APM-aware BIOS / APM 1.2 / Selectable	PCMCIA) el) / TI PCI1131 CardBus (PCI)  A 2.1 compatible / PC Card Standard 95 port in lower slot EPP, ECP, bidirectional) with barrel connector (slim) /	- Approach Database - Organizer Scheduler - ScreenCam 2. IBM Anti-Virus 3. PointCast (with ThinkPad Channel) 4. ThinkPad Customization Icon 5. Notebook Manager 6. Ergonomics 7. IntelliQuest Registration Mailer 8. Password Protected Marketing Demo			
Data/fax modem No Audio support 16 Int Audio jacks Int	None None 6-bit audio chip / 18 voice MIDI FM syn nternal stereo speakers / .5 watt / Fn key nput jack (3.5 mm) / stereo output jack (3.5 no	volume control / internal microphone	9. PhoenixCard Manager - (no diskette factory) CD-ROMs included in shipping carton: - Application CD-ROM (includes Lotus SmartSuite 97, W95/W31/DOS device drivers, preloaded applications) - Windows 95 CD-ROM (no installation;			
Infrared ports No	None Power-on password / Setup password (for	r Notebook Manager and BIOS Litility)/	includes Setup Boot Diskette)			
dis ele	liskette and disk write protect and disable electronic personalization	e / security keyhole /	System does not have non-disruptive			
	Aicrosoft® Windows® 95 with applications year - carry-in	(listed on right)	battery exchange. Battery can be changed while system is off, in hibernation, or under AC power.			
BIOS Utility is entered by ThinkPad logo is displayed	ved after power on.	OPTIONS 6/14ms (user upgradeable) 11J8643	No suspend mode; has standby and			
Fn +F1 = Hot key help Fn +F2 = Brightness/contrast Fn + arrows = Adjust brightness/contrast Fn +F3 = LCD/CRT/Simultaneous Fn +F4 = Fuel gauge Fn +F5 = Audio volume  - 2.1GB disk - 3.2GB disk - NiMH Battel - AC Adapter - 16MB SO D - 32MB SO D - PCMCIA 33		2ms (user upgradeable) 05K8864 11J8639 3 prong, US pwr cord, 45 wa 11J8702 IM 3.3V NP EDO 64-bit, gold 11J8636 IM 3.3V NP EDO 64-bit, gold 11J8637 Kbps International Data/Fax 42H4319 Kbps Modem w/ XJACK 55H6759	hibernation mode  FEATURES  Plug and Play 1.0a Standby and hibernation modes Color LED indicator ENERGY STAR compliant Personalized nameplate indention Year 2000 ready International Warranty Service <sup>14</sup> 24 hour /7 day telephone, bulletin board, fax, electronic, and Internet (www.ibm.com/pc/us) support IBM and dealer warranty/service			

# IBM ThinkPad 345 (non-US) - withdrawn

IBM <sup>®</sup> ThinkPad <sup>®</sup> :		<b>≈ 345C</b> TFT color			d 345 is a fast, lightweight, full function,
Processor type Processor speed Memory cache Coprocessor socket Processor / L2 upgrade Diskette drive Removable CD-ROM	IntelDX4 75/25 MHz / 3.3 volt 16 KB internal (no L2 cac Integrated in DX4 None 3.5" 1.44 MB (not remova None	:he)		attractiv	e price point / priced ThinkPad e color 10.4" dual scan or TFT display IntelDX4 75/25 MHz tweight (5.2 or 5.5 pounds) kPoint III
Price Type - model IDE disk - size Hard drive - speed Avail / withdrawn date	\$ 2610-EYF 2610-EYG 360 MB 540 MB 13 ms 13 ms Sep 1995 / Jan 1996	\$ 2610-FYF 360 MB 13 ms Sep 1995 / Apr	\$ 2610-FYG <b>540 MB</b> 13 ms 1996		
Display - type Display - colors Display - techology Display - diagonal size Display - contrast ratio 180 degree display tilt	VGA color / 640 x 480 256 simultaneous colors Dual Scan - passive matri 10.4 inch 20 to 1 Yes	VGA color / 64 256 simultaneo Black Matrix Ti 10.4 inch 100 to 1 Yes			
Graphics - controller Graphics - vendor Graph - arch/data path	WD90C24A Rev C with 1 Western Digital / External VL-Bus local bus / 32 bit /	SVGA to 1024 x 768		to 60 Hz)	
Memory - std / max Mem - sockets empty Mem - options available			Memory upgraded 1 open socket for I memory card for 2	IC DRAM	/ nx
Keyboard / # of keys Fn key functions Keyboard slope Mouse/pointing Ext keyboard support	Full size alp/num / 85 key 7 (in any appl) None TrackPoint III™ (no drag Yes (with optional cable)				PREINSTALLED APPLICATIONS - IBM PC DOS 7.0
Dimensions Cubic inches Color Weight (with battery)	11.7 x 8.3 x 1.9" 184 inches Black 5.2 pounds	11.7 x 8.3 x 2.0" 194 inches Black 5.5 pounds			- Windows 3.11 - IBM PC Card Director for PCMCIA - IBM ThinkPad Demo - ThinkPad features; Diskette Factory 1. Lotus® cc:Mail, for the IBM Global®
Battery - type Batt - life (per battery) Charge time - on / off	Nickel hydride (NiMH) / no 2.5 to 5 hours 2 hrs / 1.5 hr	on-intelligent	Fn key functions: - Fuel guage (batter) - Standby mode	ery)	network, 2. Lotus Organizer 1.12 3. Lotus ScreenCam 1.0,
Architecture Docking Station Port replicator PCMCIA™ 2.1 slots Serial / parallel ports	AT bus (ISA) None None 1 Type I or 1 Type II or 1 Yes (one 9 pin) 16550A/	Type III Yes (EPP)	<ul> <li>Suspend mode</li> <li>Audio volume</li> <li>LCD or CRT or b</li> <li>Power managem</li> <li>Hibernation mode</li> </ul>	nent mod	4. Triton CoSession™ Host, 5. PRODIGY®, 6. SofNet FaxWorks™ 3.0 7. AlphaNet™ FollowFax™ 8. Sedona REPRINT™ 9. Video for Windows™ 1.1 Runtime
Other features Audio support Security	APM-aware BIOS / Select AC adapter, 35 watts, work Audio beep only Power-on password Locking device keyhole (k	rldwide, 3 pin, not wall	3. Video for Williams 1.11 Auffullie		
Preinstalled software Warranty Warranty options	IBM DOS 7.0, Windows™ 1 year - ThinkPad EasySo None		ted to right:		
The ThinkPad 345 fam	nily has the same	Options for 345:			FEATURES OF 345 FAMILY

The ThinkPad 345 family has the same
physical design as the ThinkPad 340

PC Card Director™ (EasyPlaying) is preinstalled and on the utility diskette for DOS, Windows and OS/2. It provides:

- automatic config of many PCMCIA cards;
- visual/audible confirmation of insertion/ removal of cards;
- ability to automatically launch an appl (e.g. async emulation) when card inserted;
- status and info on PCMCIA cards installed.

Easy-Setup is entered by holding F1 when turning on. Easy-Setup, BIOS, and diagnostics are located in flash memory.

Hard disk and diskette drive are not removable. Keyboard does not lift up.

#### Options for 345:

- 4 MB IC DRAM 70 ns Parity 8 MB IC DRAM 70 ns Parity 92G7232 92G7233
- 6 MB IC DRAM 70 ns Parity 92G7233 4 MB IC DRAM 70 ns non-Parity 92G7236 8 MB IC DRAM 70 ns non-Parity 92G7237 16 MB IC DRAM 70 ns non-Parity 92G7424
- NiMH Battery Pack (Worldwide) 85G7637
- NIMH Battery Pack (Worldwide) 85G7637 NiMH Battery Pack (Japan) 95G7638 NiMH Battery Pack (EMEA) 85G7605 35 watt AC Adapter (Worldwide) 85G6680 35 watt AC Adapter (Japan) 85G6682 35 watt AC Adapter (EMEA) 85G6683

IC DRAM parity memory from the above options will work but without parity

3 power saving modes: standby, suspend, and hibernation

Personalized nameplate in molded indentation Battery life indicator

Non-disruptive battery exchange US EPA Energy Star compliant

#### **HELPWARE**

International Warranty Service 24 hour / 7 day telephone, bulletin board, fax, and electronic support IBM or dealer warranty/service Online Housecall (remote diagnostics) 30 day money back guarantee

#### IIM ThinkPad 350, 350C, 500, 510Cs - withdrawn

IBM® ThinkPad®:	<b>≈ 350</b>	≈ 350C	<b>≈ 500</b>		≫510Cs	
	monochrome	passive color	sub-notebool	k	color sub-notebook	
Processor type Processor speed Memory cache Coprocessor socket Diskette drive	All: 80486 SL (no math All: 25 MHz All: 8 KB internal (no L2 All: No All: 3.5" 1.44 MB	,	80486 SLC2 50/25 MHz 16 KB interna No External 3.5	al (no L2)	Blue Lightning 486 50/25 MHz 16 KB internal (no La No External 3.5" 1.44 M	2 cache)
Price (retail USD) Type - model Hard drive - size Hard drive - speed Avail / withdrawal date	\$1,499 2618-J0A 125 MB 15 ms June 93 / withd Sep 94	\$1,599 \( \) \$1,999 \( \) 2618-N0A	2603-08N 2 85 MB 1	1 <b>70 MB</b> 15 ms	\$1,799 \( 2604-C2U \) <b>200 MB</b> 17 ms June 94 / w May 95	Fn+F2 = Fuelguage Fn+F3 = Setup Fn+F4 = Suspend Fn+F5 = Speaker Fn+F6 = Sysrequest
Display - type Display - grey scales Display - techology Display - light source Display - size (diag) Display - contrast ratio 180 degree display tilt	VGA mono 64 grey scales STN LCD - Backlit 9.5 inch 18 to 1 Yes (external SVGA)	VGA color 256 colors 640 x 480 STN - passive matrix LCD - Backlit 9.2 inch 13 to 1; Single scan Yes (external SVGA)	VGA mono 64 grey scale STN LCD - backlit 7.24 inch 18 to 1 Yes (extern	t	STN - passive matri: LCD - backlit	Fn+F7 = CRT/LCD 5 Fn+F8 = Rev video 5 Fn+F9 = Num Lock Fn+F10= Scroll Lock Fn+F11= Print Scrn Fn+F12= Hibernation A)
Graphics - controller Graphics - vendor Graphics - arch/data path	All: Chips & Tecnologie		WD90C26 Western Digi ISA 16 bit	ital	WD90C24A2 / 1 MB Western Digital VL-Bus / VESA 32 b	
Memory - std / max Mem - sockets empty Mem - options available	All: 4 / 20 MB 80 ns All: 1 socket (non-pari All: 4, 8, 16 MB SIMMs		4 / 12 MB 8 1 socket (no 4, 8 MB ICs (	on-parity)	4 / 20 MB 80 ns 1 socket (non-parit 4, 8, 16 MB ICs (3.3	
Keyboard / # of keys Fn key functions Keyboard slope Mouse/pointing Ext keyboard support	All: Full size alp/num/ 8 All: 2 (in any appl) All: Yes (back panel) All: TrackPoint II™ All: Yes (with opt cable	5 above keyboard Fn+F1= Configuration Utility Fn+F2= Reverse video	90% size alp. 11 (in any ap No TrackPoint I No	ppl)	90% size alp/num/ 8 15 (in any appl) No TrackPoint II Yes (on MultiPort)	1
Dimensions Cubic inches Carrying case Color Weight (with battery)	11.7 x 8.3 x 1.9" 184 inches Many options Black 5.2 pounds	11.7 x 8.3 x 2.0" 194 inches Many options Black 5.8 pounds	10.1 x 7.2 x 116 inches Many options Black 3.4 pounds /	S	Many options	Fn+Q=Inc brightness Fn+A=Dec brightness Fn+W=Inc contrast Fn+S=Dec contrast
Battery - type Batt - life (per battery) Charge time - on / off	Nickel hydride (NiMH) 2.7 to 9 hours 2 hrs / 1 hr	Nickel hydride (NiMH) 2 to 7.5 hours 2 hrs / 1 hr	Nickel hydrid 3.5 to 9 hours 3 hrs / 1.5 hr	s ´	Nickel hydride (NiMl 2.5 to 8 hours 2.5 hrs / 1.5 hrs	H) Enter Setup by CTRL+ALT+F3 from DOS prompt
Architecture Docking Station Port replicator Modem/serial slot PCMCIA 2.01 slots Visible LEDs - closed Serial / parallel ports	All: AT bus (ISA) All: No All: No All: Modemonly All: 1 Type I or 1 Type All: Yes All: Yes/Yes	II	AT bus (ISA) No (withdra No had sea No acid bat 1 Type I or 1 Yes Yes (cable) /	awn 500 aled lead ttery) I <b>Type II</b>	AT bus (ISA) No Yes (MultiPort ships No 1 Type I or 1 Type I Yes Yes (MultiPort) / Yes	, I
APM-aware BIOS Other features	All: APM-aware BIOS All: Wallmount AC adap	nter -	APM-aware	BIOS	APM-aware BIOS Microsaver™ securit	v connector
Preinstalled software	All: Personalized name All: Coupon book with \$ All: IBM DOS 5.02, PR	plate in indentation \$4,000 in savings	Hibernation r Personalized Coupon bool IBM DOS 6.1 After July 1 c 17N: see b	d nameplate k w/ sav I,PRODIGY only on	Hibernation mode Personalized namep Personal greeting so IBM DOS 6.3, Windo Demo, and 8 appls li	plate in indentation creen at startup ows 3.1,
Warranty	All: 1 year - carry in or	EasyServ (opt onsite)	1 year - carry EasyServ(c	y in or	1 year - carry in or EasyServ (optional	onsite for \$40 a year)

#### FEATURES OF 500 and 510Cs

500: External cable has 2 connectors for serial port and external diskette drive 510: External cable has 1 connector for external diskette drive (serial port on

MultiPort).

MultiPort: A port replicator with connectors for diskette drive, external display, mouse/ keyboard, and serial device (ships with 510Cs). Plugs into 160 pin connector on back.

3 power saving modes: doze, suspend,

Batteries in 500 and 510Cs are NOT compatible

#### **SOFTWARE PREINSTALLED ON** 500-17N (after July 1, 1994) and 510Cs

IBM DOS 6.3, Windows 3.1,

Demo, and 8 appls:

① Lotus cc:Mail, ② Lotus Organizer 1.12, 3 Lotus ScreenCam 1.0, 4 Official Airline Guide Flight Disk 1.0, 5 Triton CoSession Host, @ PRODIGY, @ America Online,

® SofNet FaxWorks 3.0

EasyPlaying (PC Card Director™) is preloaded and on the utility diskette for DOS, Windows and OS/2; it provides status and info on PCMCIA cards installed. In Windows and OS/2, it can register an appl for PCMCIA cards and execute them automatically. Auto Configurator and Memory Device Driver enables supported PCMCIA cards by sensing them automatically (so do not need to install their device drivers).

#### **FEATURES OF ALL PRODUCTS**

Suspend/resume mode; battery life indicator Non-disruptive battery exchange Simultaneous LCD and external CRT US EPA Energy Star compliant International travelers warranty IBM or dealer warranty/service 30 day money back guarantee 24 hour / 7 day fax support 24 hour / 7 day bulletin board support 24 hour / 7 day telephone support at 1-800-772-2227

ThinkPad 500 memory (4, 8 MB IC 3.3 volt) is compatible with ThinkPad 510Cs.

ThinkPad 510Cs MultiPort is NOT compatible with ThinkPad 500.

#### **運** ThinkPad 355 - withdrawn

IBM <sup>®</sup> ThinkPad <sup>®</sup> :	355 monochrome	355Cs dual scan co	olor	355C TFT color			
Processor type Processor speed Memory cache Coprocessor socket Removable diskette	All: 80486 SX (no math co All: 33MHz 3.3 volt (SL E All: 8KB internal (no L2 ca All: No All: 3.5" 1.44MB O	orocessor) nhanced)	7101	11 1 00101		ALL 355 MODELS Liftable (pop-up) keybornesses	
Price (retail USD) Type - model Removable disk - size Hard drive - speed Available date	I     2619-I15     2619-K20     2619-K25     2619-L50     21       disk - size     125MB □     125MB □				and remove: ① diskette drive ② disk ③ battery ④ memory		
Display - type Display - grey scales Display - techology Display - light source Display - size (diag) Display - contrast ratio 180 degree display tilt	VGA mono 64 grey scales 640 x 480 STN LCD - Backlit 9.5 inch 18 to 1 Yes  All: WD90C24A2 with 1ME	VGA color 256 colors 6 STN - passi LCD - Backl 9.5 inch Du 20 to 1 Yes	ve matrix it ıal scan	TFT - acti LCD - Bac 8.4 inch 100 to 1 Yes	olors 640 x 480 active matrix - Backlit ch		
Graphics - controller Graphics - vendor Graph - arch/data path Memory - std / max Mem - sockets empty Mem - options available	All: Western Digital / Exter All: VL-Bus / 32-bit VESA I All: 4/20MB 70ns All: 1 socket (non-parity) All: 4, 8, 16MB ICs (5.0 vo	nal SVGA to 1024 ocal bus / Simulta	x768 with 256 color	rs	reduce weight, @ (CDPD), @ (3550	n be removed ® to to to insert cellular modem Conly) to insert TV Tuner CR playback), or ® to add ptions.	
Keyboard / # of keys Fn key functions Keyboard slope Mouse/pointing Ext keyboard support	All: Full size alp/num/85 All: 10 (in any appl) All: Yes (legs pop out) All: TrackPoint II™ All: Yes (with optional cabl	e)	Fn + F3 = Fn + F4 = Fn + F5 =	= Fuel guage = Standby = Suspend = Audio off/d = Audio on/u	Fn + F8 = Fn + F9 = own Fn + F11 =	Ext display/LCD Reverse video (mono) Hi-intensity text (mono) Power mgmt Hibernation mode	
Dimensions Cubic inches Carrying case Color Weight (with battery)	11.7 x 8.3 x 1.7" 165 inches Many options Black 5.6 pounds	11.7 x 8.3 x 194 inches Many option Black 6.2 pounds		11.7 x 8.3 185 inche Many opti Black 6.1 pound	s ons		
Battery - type Batt - life (per battery) Charge time - on / off	Nickel hydride 4.6 to 10 hours 2 hrs / 1.5 hr	Nickel hydrid 3 to 7 hours 2 hrs / 1.5 h		Nickel hyd 3.5 to 7 hd 2 hrs / 1.5	dride ours		
Architecture Docking Station Port replicator Data/fax modem PCMCIA 2.01 slots Serial / parallel ports	All: AT bus (ISA) All: No All: No All: 2400 data / 4800 recei All: 1 Type I or 1 Type II o All: Yes (one 9 pin) / Yes		l fax	ar is sv re	nd 755) is optional. ` lower cost, easy to vitch control is requi	standard in ThinkPad 75 The ThinkPad 355 batter use because no storage ired, and shows % of pared to hours of remainin	
Other features Security	All: APM-aware BIOS / Se All: Wallmount AC adapter All: Hibernation mode sa All: Power-on password / h	without powercor	sk and shuts off syst	tem		otional Security Base	
Preinstalled software	All: MS DOS 6.21, Window ① Works for Windows, ③ ThinkPad Index, ④ C	vs 3.1, Demo, and ② ThinkPad Fitne	8 applications:	, ,			
Warranty	<ul><li>⑤ Triton CoSessions™</li><li>All: 1 year - carry in to reta</li></ul>				fNet FaxWorks™ 3.0	)	
755.  EasyPlaying (PC Card preinstalled and on the Windows and OS/2; it p on PCMCIA cards insta OS/2, it can register an and execute them auto	ThinkPad 360, 750, and  Director™) is utility diskette for DOS, provides status and info alled. In Windows and appl for PCMCIA cards matically. Auto	amily: Hard disks (170, 1.44MB diskette CDPD Mobile Co Keyboard/mouse 355 battery does 755, but 750/755 Quick Charger	mmunications Mod	MB)  lule ad 750/ 355	B power saving moder and hibernation Personalized namep External VGA is ISO Upgradeable disks: 540MB, 810MB (all Battery life indicator Non-disruptive batte	170MB, 250MB, 340MB, I 2.5 inch)  ry exchange	
them automatically (so their device drivers). T ThinkPads 355, 360, 5 Easy-Setup is entered	ory Device Driver MCIA cards by sensing do not need to install ihis utility ships with 10Cs, and 755 family. by holding F1 when b, BIOS, and diagnostics	rer sensing install with family.  When or sensing install with family.  ThinkPad 750 and 755 options compatible ONLY in ThinkPad 35C:			JS EPA Energy Star BM or retailer warr 80 day money back 24 hour / 7 day bull 24 hour / 7 day tele 1-800-772-2227	anty/service guarantee support etin board support	

IBM® ThinkPad®:	<b>≈ 360</b>	≫360Cs	×360C	×360P	★ Traveling Multimedia		
	monochrome	dual scan color	TFT color	color pen	preconfigured system		
Processor type Processor speed Memory cache Coprocessor socket Removable diskette	All: 80486 SX (no math All: 33 MHz 3.3 volt (\$ All: 8 KB internal (no L All: No All: 3.5" 1.44 MB ①	A preconfigured, multimedia <b>360Cs</b> ; Available June 94; Withdrawn May 1995 Part #2337290					
Price (retail USD) Type - model Removable disk - size Hard drive - speed Available date	\$1,899 \$2,299 2620-00D 2620-00F <b>170 MB 340 MB 1</b> 15 ms  14 ms  May 94 / withd May 95	\$2,349 \$2,749 2620-20D 2620-20F <b>170 MB  340 MB  1</b> 15 ms  14 ms  0	15 ms O 14 ms O	\$2,899 \$3,399 2620-50D 2620-50F <b>170 MB  340 MB  1</b> 15 ms  14 ms  3 June 94 / withd Dec 95	\$5,299 Included with the IBM Traveling Multimedia: Hardware:		
Display - type Display - grey scales Display - techology Display - light source Display - size (diag) Display - contrast ratio 180 degree display tilt	VGA mono 64 grey scales 640 x 480 STN LCD - Backlit 9.5 inch 18 to 1 Yes	VGA color 256 colors 640 x 480 STN - passive matrix LCD - Backlit 9.5 inch <b>Dual scan</b> 20 to 1 Yes	VGA color 256 colors 640 x 480 TFT - active matrix LCD - Backlit 8.4 inch 100 to 1 Yes	VGA color 256 colors 640 x 480 STN - passive matrix LCD - Backlit 9.5 inch <b>Dual scan</b> 18 to 1 Yes	- 360Cs (all features listed on left) - 16 bit Mwave® audio chip on adapter card - Stereo in/out jacks - 340 MB removable hard disk - 8 MB memory (4 MB		
Graphics - controller Graphics - vendor Graph - arch/data path	All: WD90C24A2 with All: Western Digital / E: All: VL-Bus / 32 bit VES	std + 4 MB IC DRAM) - 14.4 Data/Fax modem (PCMCIA)					
Memory - std / max Mem - sockets empty Mem - options available	All: 4 / 20 MB 70 ns All: 1 socket (non-par All: 4, 8, 16 MB ICs (5.0	All: 4 / 20 MB 70 ns  Diskette drive can be removed ① to reduce weight, ② to insert  All: 1 socket (non-parity)  All: 4, 8, 16 MB ICs (5.0 volts)  Diskette drive can be removed ① to reduce weight, ② to insert  cellular modem (CDPD), ③ (360C only) to insert TV Tuner (on  screen TV/VCR playback), or ④ to add other third party options.					
Keyboard / # of keys Fn key functions Keyboard slope Mouse/pointing Ext keyboard support	All: Full size alp/num/8 All: 10 (in any appl) All: Yes (legs pop out) All: TrackPoint II™ All: Yes (with optional of	speed and Kodak Photo CD multisession - Dock I Carrying Case - Interlink® ProPoint™					
Dimensions Cubic inches Carrying case Color Weight (with battery)	11.7 x 8.3 x 1.7" 165 inches Many options Black 5.6 pounds	11.7 x 8.3 x 2.0" 194 inches Many options Black 6.2 pounds	11.7 x 8.3 x 1.9" 185 inches Many options Black 6.1 pounds	11.7 x 8.3 x 2.1" 204 inches Many options Black 6.8 pounds	- Asymetrix® COMPEL™ (on screen multimedia presentations) - Asymetrix MediaBlitz!™ (library of media clips)		
Battery - type Batt - life (per battery) Charge time - on / off	Nickel hydride 4.6 to 10 hours 2 hrs / 1.5 hr	Nickel hydride 3 to 7 hours 2 hrs / 1.5 hr	Nickel hydride 3.5 to 7 hours 2 hrs / 1.5 hr	Nickel hydride 3.3 to 7 hours 2 hrs / 1.5 hr	- LapLink® V - Picture Factory™ - TalkWorks™		
Architecture Docking Station Port replicator Modem/serial slot PCMCIA 2.01 slots Serial / parallel ports	All: AT bus (ISA) All: Yes (Dock I and II; All: Yes (Port Replicate All: No All: 2 Type I or 2 Type All: Yes (one 9 pin) / Ye	- Sound Effects Library™ - ClickART™ 2000 ALL 360 MODELS Liftable (pop-up) keyboard to access and remove diskette					
Other features Security	All: Hibernation mode	oter without powercord versives memory to disk a	vith retractable prongs, 3 and shuts off system Hardware security loop		drive, disk, battery, and memory		
Security       All:       Power-on password / Hard disk pássword / Hardware security loop / PCMCIA card lock / Optional Security Base         Preinstalled software       All:       IBM DOS 6.3, Windows 3.1, Demo, and 8 applications:       360P includes software to left and         ① Lotus cc:Mail, e-mail for Advantis network, ② Lotus Organizer 1.12,       ② PenDOS® 2.2, ② IBM ThinkWrite,         ③ Software to left and       ③ PenDOS® 2.2, ② IBM ThinkWrite,         ③ Windows for Pen Computing 1.0       ⑤ Triton CoSessions™ Host, ⑥ PRODIGY®, ② America Online™, ⑥ SoftNet FaxWorks™ 3.0         Warranty       All:       1 year - carry in or EasyServ (optional onsite for \$40) / International travelers warranty							
The Think Ded 200 fem		Compatible in all 360	•	FEATURES OF SOO			

The ThinkPad 360 family has the same physical design as the ThinkPad 750 and 755.

EasyPlaying (PC Card Director™) is preinstalled and on the utility diskette for DOS, Windows and OS/2; it provides status and info on PCMCIA cards installed. In Windows and OS/2, it can register an appl for PCMCIA cards and execute them automatically. Auto Configurator and Memory Device Driver enables supported PCMCIA cards by sensing them automatically (so do not need to install their device drivers). This utility ships with ThinkPads 360, 510Cs, and 755 family.

Easy-Setup is entered by holding F1 when turning on. Easy-Setup, BIOS, and diagnostics are located in Flash memory.

Compatible in all 360, 750, and 755 family:

- Hard disks (170, 250, 340, 540, 810 MB)
- 1.44 MB diskette drive
- Dock I and Dock II
- Port Replicator I and Port Replicator II
- CDPD Mobile Module (not pen models)
- FDD (diskette) External Attachment kit
- Keyboard/mouse connector
- 360 battery does not work in ThinkPad 750/ 755, but 750/755 battery will work in 360
- Quick Charger
- AC Adapter

Memory from ThinkPad 350, 500, and 510Cs is NOT compatible in 360. IC Memory from ThinkPad 700, 720, 750, and 755 will work but without parity.

ThinkPad 750 and 755 options compatible ONLY in ThinkPad 360C:
- TV tuner and AD card

### FEATURES OF 360 FAMILY

3 power saving modes: standby, suspend, and hibernation

Personalized nameplate in molded indentation External VGA is ISO capable (75 Hz)

External VGA is ISO capable (75 Hz)
Upgradeable disks: 170 MB, 250 MB, 340MB,

Dpgradeable disks: 170 MB, 250 MB 540 MB, 810 MB (all 2.5 inch)

Battery life indicator

Non-disruptive battery exchange US EPA Energy Star compliant

International travelers warranty IBM or dealer warranty/service

30 day money back guarantee

24 hour / 7 day fax support 24 hour / 7 day bulletin board support

24 hour / 7 day telephone support at 1-800-772-2227

Winstone 94 for 360C = 26.4

ThinkPad EasyServ™: customer calls 1-800-772-2227, courier service picks up ThinkPad at any location, IBM repairs and mails back (no shipping charges, most shipping is overnight, 3 business day average turnaround). Overnight repair option in US available for \$99.

STN = Super twisted nematic; □ = Upgradeable; ○ = Removable

All trademarks are the property of their respective owners No warranties are expressed or implied in this summary (360THINK) Compiled by Roger Dodson, IBM. December 1995

#### III ThinkPad 360CSE / CE - withdrawn

IBM <sup>®</sup> ThinkPad <sup>®</sup> :	≈360CSE	≈360CSE ×360CE					The 360CSE / CE is the same as the				
	dual scan co	lor		TFT color	color				360 (older models) except:		
Processor type Processor speed Memory cache Coprocessor socket Removable diskette Removable CD-ROM	50/25 MHz 3.3 volt (SL Enhanced)  8 KB internal (no L2 cache) Integrated in 486DX2 3.5" 1.44 MB O / supports internal 2.88 MB diskette					no, Dua SX - 33 math co	360 360CSE / CE al scan, TFT, Pen 33 MHz 20p possible MB std models MB std models MG 360CSE / CE Dual scan, TFT 486DX2 - 50/25 MHz Integrated math cop 170, 340, 540 MB std More preloaded appls				
Price (retail USD) Type - model Removable disk - size Hard drive - speed Available date		drawn Dec 95	\$ 3,049 <b>\( \)</b> 2620-80G <b>540 MB</b> \( \) 14 ms \( \)	\$2,799 2620-90D <b>170 MB</b> 14 ms O Oct 94 / with	drawn De	\$3,449 0F 2620-90G 540 MB 14 ms 0 ec 95  ALL 360 MODELS  Liftable (pop-up) keyboard access and remove diskett drive, disk, battery, and memory			pop-up) keyboard to nd remove diskette		
Display - type Display - colors Display - techology Display - size (diag) Display - contrast ratio 180 degree display tilt	<b>9.5 inch</b> 20 to 1 Yes	eous colors passive matrix		256 simultan TFT - active 8.4 inch 100 to 1 Yes	matrix externally via Kit' (includes				nally via the oncludes cable Port Replica	ette drive can be used optional 'FDD External e and enclosure; \$135) ator Model I and II and	
Graphics - controller Graphics - vendor Graph - arch/data path	Western Dig VL-Bus local	l bus / 32 bit / \$	SVGA to 1024 x Simultaneous LC		colors (up	to 75	5 Hz)	Diskette drive can be removed  to reduce weight  to insert cellular modem (CDPD)			
Memory - std / max Mem - sockets empty Mem - options available	1 socket							<ul> <li>to insert TV Tuner (for on screen TV and VCR playback)</li> <li>to insert 2.88 MB diskette</li> <li>to add other third party options</li> <li>PREINSTALLED APPLICATIONS</li> <li>IBM PC DOS 6.3</li> <li>Windows 3 11</li> </ul>			
Keyboard / # of keys Fn key functions Keyboard slope Mouse/pointing Ext keyboard support	8 (in any app Yes (legs po TrackPoint I	Full size alp/num / 85 keys 8 (in any appl) Yes (legs pop out) TrackPoint II™ Yes (with optional cable)									
Dimensions Cubic inches Color Weight (with battery)	11.7 x 8.3 x 2 194 inches Black 6.2 pounds	2.0"		11.7 x 8.3 x 185 inches Black 6.1 pounds	.9"			- IBM PC Card Director for PCMCIA - IBM ThinkPad Demo - Online Users Guide			
Battery - type Batt - life (per battery) Charge time - on / off	Nickel hydrid 2.9 to 7 hour 2 hrs / 1.5 hr	s `		Nickel hydrid 3.2 to 7 hour 2 hrs / 1.5 hr	el hydride (NiMH) o 7 hours				- ThinkPad features  1. Lotus® cc:Mail, e-mail for Advantis® network,  2. Lotus Organizer 1.12,		
Architecture Docking Station Port replicator Modem/serial slot PCMCIA™ 2.1 slots Serial / parallel ports	AT bus (ISA) Dock I and II Port Replicator I and II No 2 Type I or 2 Type II or 1 Type III Yes (one 9 pin) 16550B / Yes (EPP)						3. Lotus ScreenCam 1.0, 4. Official Airline Guide Flight Disk <sup>®</sup> 1.0, 5. Triton CoSession™ Host, 6. PRODIGY <sup>®</sup> , 7. America Online <sup>SM</sup> , 8. SofNet FaxWorks™ 3.0 9. Taxi™				
Other features Security	APM-aware BIOS / Selectable boot Some models will have Wallmount AC adapter without powercord with retractable prongs, 30 watts Hibernation mode saves memory to disk and shuts off system Power-on password / Hard disk password / Hardware security loop / PCMCIA card lock / Optional Security Base						10. S 11. F 12. A 13. S 14. C	econd Nature farallon® Rep lphaNet™ Fo fedona REPR COMPEL™ Pe	llowFax™		
Preinstalled software Warranty	Preinstalled software IBM DOS 6.3, Windows™ 3.11, and all appls listed to right:										
The ThinkPad 360 fami	ily has the san	ne	Compatible in al	II 360 family, 3	60CSE/	CE,			FFATURES	OF 360 FAMILY	

The ThinkPad 360 family has the same physical design as the ThinkPad 750 and 755

PC Card Director™ (EasyPlaying) is preinstalled and on the utility diskette for DOS, Windows and OS/2. It provides:

- ① automatic config of many PCMCIA cards;
- visual/audible confirmation of insertion/ removal of cards:
- ability to automatically launch an appl (e.g. async emulation) when card inserted;

  status and info on PCMCIA cards installed.

Easy-Setup is entered by holding F1 when turning on. Easy-Setup, BIOS, and diagnostics are located in flash memory. 755

		All	All		CE/ CSE/			
Battery co	mpatibility:	300	750	<u> </u>	$\frac{CD}{}$			
84G2392	360 NiMH battery	Y	Ν	Ν	Ν			
	750 NiMH battery		Υ	Υ	Ν			
85G1513	NiMH Batt Pack I	ΙN	Ν	Ν	Υ			
Y = battery supported; N = not supported								

mpatible in all 360 family 750 family, 755 family, 755CSE / CE, 755CD:
- Disks: 170 MB IDE disk 66G2849
250 MB IDE disk 84G2391 340 MB IDE disk 66G2849 540 MB IDE disk 84G2150

810 MB IDE disk 84G8250 Dock I (1 slot / 1 bay) 3450001 Dock II (2 slot / 2 bay) 84G3587 Port Replicator I (w/ PCMCIA) 66G3510

Port Replicator II 1.44 MB diskette 66G3520 std in newer 2.88 MB diskette 66G0108

Options for 360 (not pen), 360CSE / CE, 750 (not pen), 755, 755CSE / CE: CDPD Mobile module 71G2560

Memory from ThinkPad 350, 500, and 510Cs is NOT compatible in 360. IC Memory from ThinkPad 700, 720, 750, and 755 will work but without parity.

Options only for TFT models - 360C, 360CE, 750C, 755C, 755CE, 755CD - TV Tuner 66G3689

#### **FEATURES OF 360 FAMILY**

3 power saving modes: standby, suspend, and hibernation

Personalized nameplate in molded indentation External VGA is ISO capable (75 Hz)

Upgradeable disks: 170 MB, 250 MB, 340MB, 540 MB, 810 MB (all 2.5 inch)

Battery life indicator

Non-disruptive battery exchange US EPA Energy Star compliant

#### **HELPWARE**

1 year warranty International Warranty Service 24 hour / 7 day telephone, bulletin board, fax, and electronic support IBM or dealer warranty/service Online Housecall (remote diagnostics) 30 day money back guarantee

#### III ThinkPad 360PE - withdrawn

IBM <sup>®</sup> ThinkPad <sup>®</sup> :				d 360PE has the same features as 360CSE except: led display d batteryless stylus (pen) lids down to flat position to write on lio codec (vs no audio) and audio out jacks Pen Windows, and Monologue preinstalled niversal AC adapter (vs 30 watt)			
Processor type Processor speed Memory cache Coprocessor socket Removable diskette Removable CD-ROM	80486 DX2 50/25 MHz 3.3 volt (SL I 8 KB internal (no L2 cach Integrated in 486DX2	Enhanced) ne) s internal 2.88 MB diskette	<ul> <li>Display folds d</li> <li>16 bit audio co</li> <li>Audio in and at</li> <li>PenDOS, Pen</li> </ul>				
Price (retail USD) Type - model Removable disk - size Hard drive - speed Avail / withdrawn date	<b>340 MB □ ○                                 </b>	0-BOG 0 <b>MB □</b> ○ ms			ALL 360 MODELS  Liftable (pop-up) keyboard to access and remove diskette drive, disk, battery, and		
Display - type Display - colors Display - techology Display - size (diag) Display - pen enabled		st ratio <mark>Ids flat / includes untethere</mark>	d batteryless stylus	exte	removed diskette drive can be used rnally via the optional 'FDD External includes cable and enclosure) to the		
Graphics - controller Graphics - vendor Graph - arch/data path		MB DRAM I SVGA to 1024 x 768 with 25 ⁄ Simultaneous LCD and CRT		and			
Memory - std / max Mem - sockets empty Mem - options available	4 MB / 20 MB 70 ns / no 1 socket 4, 8, 16 MB ICs	n-parity / 5.0 volt		Diskette drive can be removed     to reduce weight     to add other third party options			
Keyboard / # of keys Fn key functions Keyboard slope Mouse/pointing Ext keyboard support	Full size alp/num / 85 key 8 (in any appl) Yes (legs pop out) TrackPoint II™ Yes (with optional cable)	Memory options:  4 MB IC DRAM 70 ns 5v 8 MB IC DRAM 70 ns 5v 16 MB IC DRAM 70 ns 5v 4 MB IC DRAM 70 ns 5v	parity 92G723 parity 92G723	3 F	PREINSTALLED APPLICATIONS  - IBM PC DOS 6.3 - PenDOS® 2.2 - IBM ThinkWrite 1.21 - Windows 3.11 - Windows for Pen computing® 1.0 - IBM PC Card Director for PCMCIA - Online Users Guide - ThinkPad features 1. Lotus® cc:Mail, for the IBM Global®		
Dimensions Cubic inches Color Weight (with battery)	11.7 x 8.3 x 2.1" 204 inches Black 6.8 pounds	8 MB IC DRAM 70 ns 5v 16 MB IC DRAM 70 ns 5v	non-parity 92G723	7 - Pe 4 - IB - W - W			
Battery - type Batt - life (per battery) Charge time - on / off	Nickel hydride (NiMH) 3 to 7 hours 2 hrs / 1.5 hr			- O			
Architecture Docking Station Port replicator PCMCIA™ 2.1 slots Serial / parallel ports	AT bus (ISA) Dock I and II Port Replicator I and II 2 Type I or 2 Type II or 1 Yes (one 9 pin) / Yes (EF			2. Lo 3. Lo 4. Of 5. Tr	network 2. Lotus Organizer 1.12 3. Lotus ScreenCam 1.0 4. Official Airline Guide Flight Disk <sup>®</sup> 1.0 5. Triton CoSession™ Host		
Audio support Audio in/out jack Other features	Input jack / output jack APM-aware BIOS / Select AC adapter, 35 watts, wo		7. Ar 8. So 9. Ta 10. Se	econd Nature Screen Saver			
Security	unit, prevents opening key	d disk password / Hardware so yboard) / PCMCIA card lock / 0	12. Al	arallon <sup>®</sup> Replica™ phaNet™ FollowFax™ edona REPRINT™			
Preinstalled software Warranty Warranty options	1 year - ThinkPad EasyS	13.11, pen op systems, and a erv only y / ThinkPad EasyServ Overn	.,	14. Co	OMPEL™ Personal Edition euters <sup>sM</sup> Money <sup>®</sup> Network onologue™		
The ThinkPad 360 fam physical design as the family.  PC Card Director™ (Ea		Compatible in all 360 family, all 755 family: - Disks: 170 MB IDE 250 MB IDE	66G2847 84G2391	and hit	FEATURES OF 360 FAMILY saving modes: standby, suspend, pernation lized nameplate in molded indentation		

and on the utility diskette for DOS, Windows and OS/2. It provides:

- ① automatic config of many PCMCIA cards;
- visual/audible confirmation of insertion/ removal of cards:
- ability to automatically launch an appl (e.g. async emulation) when card inserted;

  status and info on PCMCIA cards installed.

Easy-Setup is entered by holding F1 when turning on. Easy-Setup, BIOS, and diagnostics are located in flash memory.

ThinkPad 360PE supported batteries:

- 360 NiMH battery 84G2392 750 NiMH battery750 QuickCharger 66G2846 66G2843

	250 MB IDE	84G2391
	340 MB IDE	66G2849
	540 MB IDE	84G2150
	810 MB IDE	84G8250
-	Dock I (1 slot / 1 bay)	3545001
-	Dock II (2 slot / 2 bay)	3546001
-	Port Replicator I (w/ PCMCIA)	66G3510
-	Port Replicator II	66G3520
-	1.44 MB diskette	std in newer

Options for 360PE:

AC Adapter, 35 watts 85G6680 AC Adapter, 40 watts AC Adapter, 40 w, wallmount Car Battery Adapter 49G2165 84G2148 49G2167

Memory from ThinkPad 350, 500, and 510Cs is NOT compatible in 360. IC DRAM memory from ThinkPad 700, 720, 750, and 755 will work but without parity.

Personalized nameplate in molded indentation External VGA is ISO capable (75 Hz)

Upgradeable disks: 170 MB, 250 MB, 340MB, 540 MB, 810 MB (all 2.5 inch)

Battery life indicator

Non-disruptive battery exchange US EPA Energy Star compliant

#### **HELPWARE**

1 year warranty International Warranty Service 24 hour / 7 day telephone, bulletin board, fax, and electronic support IBM or dealer warranty/service Online Housecall (remote diagnostics) 30 day money back guarantee

ThinkPad EasyServ™: customer calls 1-800-772-2227, courier service picks up ThinkPad at any location, IBM repairs and mails back (no shipping charges, most shipping is overnight, 3 business day average turnaround). Overnight repair option in US available for \$99. □ = Upgradeable; ○ = Removable; ≈ = Withdrawn from marketing

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#### IIIM ThinkPad 365 (non-CD-ROM models) - withdrawn

IBM® ThinkPad®;	<b>365CS</b>		× 30			ThinkPad 365 strengths:
	10.4" dual scan			'TFT		⇒ Entry-priced notebook
Processor Processor upgrade Memory cache Diskette drive CD-ROM	Cyrix Cx486DX4™ 75/25 None 8 KB in DX4 (write back) / Internal 3.5" 1.44 MB (not None (cannot upgrade)	no L2 cache	)	ath coprocess	sor	<ul> <li>Extensive software preload</li> <li>Infrared port</li> <li>Optional Port Replicator with battery charger and palm rest</li> </ul>
Price Type - model all 2625 Part number Preload (see side) Disk - capacity Disk - ms / interface Avail / withdrawn date Display - diagonal size Display - type Display - colors Display - contrast Graphics - controller Graphics - external	203 W11 205 38H5711 41H8660 38H57 SelSys Win 95 340 MB 340 MB 340 MB 540 MB 13 ms / EIDE 13 ms Nov 1995 / Jun 96 Nov 19	<b>B   540 MB</b> / EIDE 995 / Jun 96 65545	13 m Nov : 10.4' VGA 262, 100 t Chip 1 ME	7714 ctaSystem MB s / EIDE 95 / Jun 96 ' Black Matrix color / 640 x 144 simultane o 1 s and Technol	eous colors	☐ - IBM PC Card Director™ 1.4
	VL-Bus 2.0 local bus / 32 t 8 MB / 24 MB 70 ns / nor	oit / Simultan n-parity / 3.3	eous l volt / f	_CD and CRT ast page	/ 180 degree tilt	4. Triton CoSession™ Host 5. PRODIGY® 6. SofNet FaxWorks™
Keyboard / # of keys Keyboard slope Pointing Ext keyboard support	Full size alp/num / 85 (8 F Yes (legs pop out) TrackPoint IIITM Yes (with option cable or F	access and remove battery (and upgrade memory and				7. Video For Windows™ Runtime 8. Puma TranXit™ 9. Compuserv for Windows 10. NetFinity for Windows and OS/2
Dimensions (cubic in) Weight (with battery) Battery - type Battery - life Charge time - on / off	11.7 x 8.3 x 2.0" (194 cubi 5.9 pounds NiMH/non-intelligent 3 to 9 hours 6 hrs / 2 hrs		<b> </b> 5.8 p	removable ounds		WINDOWS 95 PRELOAD  - Microsoft Windows 95  - IBM ThinkPad Demo  - Online Users Guide
Architecture  Docking Station Port replicator PCMCIA™ 2.1 slots Serial / parallel ports Other features	ISA (audio, PCMCIA, disk VL-Bus 2.0 / 32 bit / 25 MH None Port Replicator and Charg 2 Type I or 2 Type II or 1	dz (graphics er (with built Type III EEE P1284,	er (with built-in battery charger and palm rest) Type III EEE P1284, EPP, ECP, bidirectional)			<ul> <li>ThinkPad features; Diskette Factory</li> <li>Lotus® cc:Mail™, e-mail for IBM Globa network</li> <li>Lotus Organizer™</li> <li>Lotus ScreenCam™</li> <li>Triton CoSession™ Host</li> <li>PRODIGY®</li> <li>SofNet FaxWorks™</li> </ul>
MPEG decoder Data/fax modem Audio support Audio in/out jacks Infrared ports	None None None None Infrared port in back / IrD	DA 1.0 compatible / up to 115 Kbps				7. Puma TranXit™ 8. Compuserve for Windows
Security	Power-on password / Supervisor password / Locking device keyhole Kensington™ MicroSaver™ cable lock) / keyboard lock (requires Kensington)					
Preinstalled software Warranty	Choice of two preloaded c	ro preloaded configurations (listed to right) nkPad EasyServ (optional Overnight Repair Option) or carry-in				
optional second batte	battery charger for an	- 16 MB SC	DIMM DIMM	l 3.3v non-parit l 3.3v non-parit	y 72 pin 92G7287 y 72 pin 92G7293 ) Mode 3 38H6306	Disk is not somewhile (like 755/700

replication.

The Port Replicator can charge a battery whether or not a ThinkPad is connected to it. When the ThinkPad is attached to the Port Replicator, it will attempt to recharge the battery in ThinkPad first (if there is one) before charging the battery in the Port Replicator.

Port Replicator and Charger connectors:

- Serial (RS-232, 9 pin) Parallel (EPP, ECP, 25 pin)
- External display (15 pin)
- Keyboard
- Mouse
- Diskette drive (26 pin) Game with MIDI support (15 pin)
- Audio in (3.5 mm)
- Audio out (3.5 mm)
- DC input connector
- Spare battery connector (to charge 2nd battery)

- 810 MB EIDE HDD 13 ms PIO Mode 442H4012 - 1.08 GB EIDE HDD 13 ms Mode 4 69H7956
- Port Replicator and Charger 38H6303 - NiMH Battery Pack 38H6304

Setup is entered by Ctrl + Alt + F11 from any full-screen DOS prompt

Fn + F2 = Battery guage

Fn + F3 = Standby

Fn + F4 = Suspend

Fn + F7 = LCD/CRT/Simultaneous

Fn + F8 = Reverse video

Fn + F11 = Powermgmt

Fn + F12 = Hibernation

PgUp = Speaker enable PgDn = Speaker disable

System enters hibernation mode when keyboard is lifted up.

Disk is not removable (like 755/760 systems), but it can be upgraded via tools

#### FEATURES OF 365 MODELS

Product Map LED indicator panel Plug and Play 1.0a Non-disruptive battery exchange Doze, standby, suspend, safe suspend, and hibernation modes US EPA Energy Star compliant Personalized nameplate in indention Personalization screen at startup International Warranty Service 24 hour / 7 day telephone, bulletin board, fax, and electronic support IBM or dealer warranty/service Online Housecall (remote diagnostics) 30 day money back guarantee

ThinkPad EasyServ™: customer calls 1-800-772-2227, courier service picks up ThinkPad at any location, IBM repairs and mails back (no shipping charges, most shipping is overnight, 3 business day average turnaround). Overnight repair option in US available for \$99. ⇒ = Withdrawn from marketing

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#### III ThinkPad 365 (CD-ROM models) - withdrawn

IBM <sup>®</sup> ThinkPad <sup>®</sup> :	≈ 365CSD		× 3650			ThinkPad 365 (	CD-ROM models) strengths
Processor Processor upgrade Memory cache Diskette (not internal)	None 8 KB in DX4 (write- External 3.5" 1.44 M	can - CD-ROM 10.4" TFT - CD-ROM  16DX4™ 75/25 MHz / integrated math coprocessor  (write-back) / no L2 cache 1.44 MB (connects to back of system) / use simultaneously w/ CD-ROM			<ul><li>□ Integrated at</li><li>□ Simultaneou</li><li>□ Joystick/MII</li></ul>		
CD-ROM (not remove) Price Type - model all 2625 Part number Preload (see side) Disk - capacity Disk - ms / interface Avail / withdrawn date Display - diagonal size Display - type Display - color Display - contrast Graphics - controller Graphics - external Graph - arch/data path Memory - std / max Mem - upgrade Keyboard / # of keys Keyboard slope Pointing Ext keyboard support	2625-A05 38H5724 SelectaSystem 540 MB 13 ms / EIDE Nov 1995 / Jun 96 10.4" Dual scan VGA color / 640 x 256 simultaneous of the color of	2625-W14 41H8663 Windows 95 <b>540 MB</b> 13 ms / EIDE Nov 95 / Jun 96 <b>480</b> colors ogies™ 65545 with	2625-B0 38H5726 SelectaS 540 MB 13 ms / I Nov 95 / 10.4" Bli VGA col 262,144 100 to 1 1 MB DRA colors up to neous LCI volt / fast MM of 4 or ons)  L a (a (a or)	D5 6 6 System EIDE / Jun 96 lack Matrix lor / 640 x l simultane AM to 70 Hz D and CRT page r 16 MB iftable (poccess and and upgradisk);	2625-W15 41H8664 Windows 95 540 MB 13 ms / EIDE Nov 95 / Jun 96 TFT - active matrix 480 cous colors  7/180 degree tilt  4p-up) keyboard to remove battery de memory and	- IBM DOS 7 Windows 3 OS/2® Warp selected Bo - IBM PC Car - IBM ThinkP - Online User - ThinkPad fe 1. Lotus® cc:N Network 2. Lotus Orgar 3. Lotus Scree 4. Triton CoSe 5. PRODIGY® 6. SofNet Faxl 7. Video For W 8. Puma Tran) 9. Compuserv	ASYSTEM PRELOAD  .0 11 p. 3.0 (dual boot) with nusPak applications rd Director™ 1.4 ad Demo rs Guide eatures; Diskette Factory flail™, e-mail for IBM Global® nizer™ nCam™ ession™ Host  Works™ //indows™ Runtime
Dimensions (cubic in) Weight (with battery) Battery - type Battery - life Charge time - on / off	6.4 pounds NiMH/non-intellige 2.5 to 9 hours	NiMH/non-intelligent 2.5 to 9 hours				WINDO - Microsoft W - IBM ThinkP	
Architecture  Docking Station Port replicator PCMCIA™ 2.1 slots Serial / parallel ports Other features	6 hrs / 2 hrs  ISA (audio, PCMCIA, diskette, serial, parallel, 240 pin external expansion) VL-Bus 2.0 / 32 bit / 25 MHz (graphics, disk) None Port Replicator and Charger (with built-in battery charger and palm rest) 2 Type I or 2 Type II or 1 Type III One 9 pin; 16550A / one (IEEE P1284, EPP, ECP, bidirectional)					Online Users Guide     ThinkPad features; Diskette Factory     Lotus® cc:Mail™, e-mail for IBM Global®     Network     Lotus Organizer™     Lotus ScreenCam™     Triton CoSession™ Host	
MPEG decoder Data/fax modem Audio support Audio in/out jacks Infrared ports	APM-aware BIOS / Universal AC adapter (35 watts) / Phoenix™ BIOS  None None 16 bit audio chip / 18 voice MIDI FM Synthesis / ESS1688 with OPL3 Internal speaker / .5 watt / dial volume control / internal microphone Input jack (stereo) / microphone jack / output jack (stereo) Joystick/MIDI port (includes Joystick/MIDI cable) Infrared port in back / IrDA 1.0 compatible / up to 115 Kbps					<ol> <li>PRODIGY<sup>®</sup></li> <li>SofNet Fax\</li> <li>Puma Tran\</li> <li>Compuserv</li> </ol>	Xit™
Security	Power-on password / Supervisor password / Locking device keyhole (Kensington™ MicroSaver™ cable lock) / keyboard lock (requires Kensington)						
Preinstalled software Warranty	Choice of two prelo	aded configurations EasyServ (optional	s (listed to	right)			
The Port Replicator a cable management, a optional second batte installed on the system	a battery charger for a ery, a palm rest when	an -4 MB SC	DIMM 3.3 DIMM 3.3	3v non-parit 3v non-parit	y 72 pin 92G7287 y 72 pin 92G7293	Disk is not remo	vable (like 755/760

installed on the system, and has complete port replication.

The Port Replicator can charge a battery whether or not a ThinkPad is connected to it. When the ThinkPad is attached to the Port Replicator, it will attempt to recharge the battery in ThinkPad first (if there is one) before charging the battery in the Port Replicator.

Port Replicator and Charger connectors:

- Serial (RS-232, 9 pin) Parallel (EPP, ECP, 25 pin) External display (15 pin)
- Keyboard
- Mouse
- Diskette drive (26 pin) Game with MIDI support (15 pin)
- Audio in (3.5 mm)
- Audio out (3.5 mm)
- DC input connector

Spare battery connector (to charge 2nd battery)

- 720 MB EIDE HDD 13 ms PIÓ Mode 3 38H6306 | systems), but it can be upgraded via tools
- 810 MB EIDE HDD 13 ms PIO Mode 442H4012

38H6304

- 1.08 GB EIDE HDD 13 ms Mode 4 69H7956
- Port Replicator and Charger 38H6303
- NiMH Battery Pack

Setup is entered by Ctrl + Alt + F11 from any full-screen DOS prompt

Fn + F2 = Battery guage

Fn + F3 = Standby

Fn + F4 = Suspend

Fn + F7 = LCD/CRT/Simultaneous

Fn + F8 = Reverse video Fn + F11 = Powermgmt

Fn + F12 = Hibernation

PgUp = Speaker enable PgDn = Speaker disable

System enters hibernation mode when keyboard is lifted up.

#### **FEATURES OF 365 MODELS**

Product Map LED indicator panel Plug and Play 1.0a Non-disruptive battery exchange Doze, standby, suspend, safe suspend, and hibernation modes US EPA Energy Star compliant Personalized nameplate in indention Personalization screen at startup International Warranty Service 24 hour / 7 day telephone, bulletin board, fax, and electronic support IBM or dealer warranty/service Online Housecall (remote diagnostics) 30 day money back guarantee

ThinkPad EasyServ™: customer calls 1-800-772-2227, courier service picks up ThinkPad at any location, IBM repairs and mails back (no shipping charges, most shipping is overnight, 3 business day average turnaround). Overnight repair option in US available for \$99. 

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#### 麗 ThinkPad 365E - withdrawn

IBM® ThinkPad®:			ſ			
Processor Processor upgrade Memory cache Diskette drive CD-ROM	IBM 5x86c™ 100/33 MHz (Cyrix) / integrated math coprocessor  None 16 KB in 5x86c (write back) / no L2 cache Internal 3.5" 1.44 MB (not removeable)  None (can not upgrade)					
Price Type - model Preload (see side) Disk - capacity Disk - ms / interface Available date Withdrawn date	2625-W9A Windows 95 <b>540 MB</b> 13 ms / EIDE / PIO Mode 3 May 1996 October 1996					
Display - diagonal size Display - type Display - colors Display - contrast	10.4" Dual scan VGA color / 640 x 480 256 simultaneous colors 30 to 1					
Graphics - controller Graphics - memory Graphics - external Graph - arch/data path	Chips and Technologies™ 65545 1 MB DRAM External SVGA to 1024 x 768 w/ 256 colors up to 70 Hz h VL-Bus 2.0 local bus / 32 bit / Simultaneous LCD and CRT / 180 degree tilt					
Memory - std / max Memory - upgrade	<b>8 MB</b> / 24 MB 70 ns / non-parity / 3.3 volt / fa 1 socket for one JEDEC 72 pin SO DIMM of	ast page 4 or 16 MB				
Keyboard / # of keys Keyboard slope Pointing Ext keyboard support	Full size alp/num / 85 (8 Fn key functions) Yes (legs pop out) TrackPoint III™ Yes (with option cable or Port Replicator)	Liftable (pop-up) keyboard to access and remove battery (and upgrade memory and disk); diskette drive is not				
Dimensions (cubic in) Weight (with battery) Battery - type Battery - life Charge time - on / off	11.7 x 8.3 x 2.0" (194 cubic inches) 5.9 pounds NiMH / non-intelligent 2.5 hours 6 hrs / 2 hrs	removable				
Architecture	ISA (audio, PCMCIA, diskette, serial, parallel VL-Bus 2.0 / 32 bit / 25 MHz (graphics, disk)	, 100 pin external expansion)				
Docking Station Port replicator PCMCIA™ 2.1 slots Serial / parallel ports Other features	None Port Replicator and Charger (with built-in battery charger and palm rest) 2 Type I or 2 Type II or 1 Type III One 9 pin; 16550A / one (IEEE P1284, EPP, ECP, bidirectional) APM-aware BIOS / Universal AC adapter (35 watts) / Phoenix™ BIOS					
MPEG decoder Data/fax modem Audio support Audio in/out jacks Infrared ports	None None None None None Infrared port in back / IrDA 1.0 compatible / up to 115 Kbps					
Security	Power-on password / Supervisor password / (Kensington™ MicroSaver™ cable lock) / key	Locking device keyhole board lock (requires Kensington)				
Preinstalled software Warranty	Windows 95 with utilities and applications (lis <b>1 year -</b> ThinkPad EasyServ (optional Overni					

The Port Replicator and Charger provide cable management, a battery charger for an optional second battery, a palm rest when installed on the system, and has complete port replication.

The Port Replicator can charge a battery whether or not a ThinkPad is connected to it. When the ThinkPad is attached to the Port Replicator, it will attempt to recharge the battery in ThinkPad first (if there is one) before charging the battery in the Port Replicator.

Port Replicator and Charger connectors:

- Serial (RS-232, 9 pin) Parallel (EPP, ECP, 25 pin) External display (15 pin)
- Keyboard
- Mouse
- Diskette drive (26 pin)Game with MIDI support (15 pin)
- Audio in (3.5 mm)
- Audio out (3.5 mm)
- DC input connector
- Spare battery connector (to charge 2nd battery)

Options for ThinkPad 365:

- 4 MB SO DIMM 3.3v non-parity 72 pin 92G7287
- 16 MB SO DIMM 3.3v non-parity 72 pin 92G7293
- 810 MB EIDE HDD 13 ms Mode 4 42H4012
- 1.08 GB EIDE HDD 13 ms Mode 4 69H7956 Port Replicator and Charger (old) 38H6303
- replaced by 75H7529
- NiMH Battery Pack 38H6304
- 35 watt AC Adapter 2 pin 85G6719

Setup is entered by Ctrl + Alt + F11 from any full-screen DOS prompt

Fn + F2 = Battery guage Fn + F3 = Standby

Fn + F3 = Standy Fn + F4 = Suspend Fn + F7 = LCD/CRT/Simultaneous

Fn + F8 = Reverse video Fn + F11 = Powermgmt

Fn + F12 = Hibernation= Speaker enable PgUp PğDn = Speaker disable

System enters hibernation mode when keyboard is lifted up

Disk is not removable (like 755/760 systems), but it can be upgraded via a screwdriver

ThinkPad 365 strengths:

- Entry-priced notebook
- Extensive software preload
- Infrared port
- **Optional Port Replicator with battery** charger and palm rest

#### **WINDOWS 95 PRELOAD**

- Microsoft Windows 95
- Online Users Guide
- Diskette Factory
- PC Card Director 1.4 Triton™ CoSession™ Host
- Puma TranXit™
- NetFinity for Windows CompuServ™ for Windows

#### FEATURES OF 365 MODELS

Product Map LED indicator panel Plug and Play 1.0a Non-disruptive battery exchange Doze, standby, suspend, safe suspend, and hibernation modes US EPA Energy Star compliant Personalized nameplate in indention Personalization screen at startup International Warranty Service 24 hour / 7 day telephone, bulletin board, fax, electronic, and Internet (http://www.pc.ibm.com) support IBM and dealer warranty/sérvice Online Housecall (remote diagnostics)

#### **証 ThinkPad 365ED - withdrawn**

-						
IBM® ThinkPad®:						
Processor Processor upgrade Memory cache Diskette (not internal) CD-ROM (not remove)	IBM 5x86c™ 100/33 MHz (Cyrix) / integrated math coprocessor  None  16 KB in 5x86c (write-back) / no L2 cache  External 3.5" 1.44 MB (connects to back of system) / use simultaneously w/ CD-ROM  5.25" CD-ROM / 4 x speed / multi-session / XA / front loaded / ATAPI					
Price Type - model Preload (see side) Disk - capacity Disk - ms / interface Available date Withdrawn date	2625-W9G Windows 95 <b>540 MB</b> 13 ms / EIDE / PIO Mode 3 May 1996 October 1996					
Display - diagonal size Display - type Display - color Display - contrast	10.4" Dual scan VGA color / 640 x 480 256 simultaneous colors 30 to 1					
Graphics - controller Graphics - external Graph - arch/data path	Chips and Technologies™ 65545 with 1 MB D External SVGA to 1024 x 768 w/ 256 colors u VL-Bus 2.0 local bus / 32 bit / Simultaneous l	ıp to 70 Hz				
Memory - std / max Mem - upgrade	8 MB / 24 MB 70 ns / non-parity / 3.3 volt / fast page 1 socket for one JEDEC 72 pin SO DIMM of 4 or 16 MB					
Keyboard / # of keys Keyboard slope Pointing Ext keyboard support	Full size alp/num / 85 (8 Fn key functions) Yes (legs pop out) TrackPoint III™ Yes (with option cable or Port Replicator)  Liftable (pop-up) keybo access and remove batt (and upgrade memory a disk);					
Dimensions (cubic in) Weight (with battery) Battery - type Battery - life Charge time - on / off	11.7 x 8.3 x 2.0" (194 cubic inches) 6.4 pounds NiMH/non-intelligent 2.3 hours 6 hrs / 2 hrs	CD-ROM is not removable				
Architecture  Docking Station Port replicator PCMCIA™ 2.1 slots Serial / parallel ports Other features	ISA (audio, PCMCIA, diskette, serial, parallel, 240 pin external expansion) VL-Bus 2.0 / 32 bit / 25 MHz (graphics, disk) None Port Replicator and Charger (with built-in battery charger and palm rest) 2 Type I or 2 Type II or 1 Type III One 9 pin; 16550A / one (IEEE P1284, EPP, ECP, bidirectional) APM-aware BIOS / Universal AC adapter (35 watts) / Phoenix™ BIOS					
MPEG decoder Data/fax modem Audio support Audio in/out jacks Infrared ports	None None 16 bit audio chip / 18 voice MIDI FM Synthesis / ESS1688 with OPL3 Internal speaker / .5 watt / dial volume control / internal microphone Input jack (stereo) / microphone jack / output jack (stereo) Joystick/MIDI port (includes Joystick/MIDI cable) Infrared port in back / IrDA 1.0 compatible / up to 115 Kbps					
Security	Power-on password / Supervisor password / (Kensington™ MicroSaver™ cable lock) / keyb					
Preinstalled software Warranty	Windows 95 with utilities and applications (list 1 year - ThinkPad EasyServ (optional Overni	ted to right)				

ThinkPad 365 (CD-ROM models) strengths:

- Entry-priced CD-ROM notebook
- Integrated audio, microphone, speaker
- Simultaneous external diskette
- Joystick/MIDI port
- Infrared port
- MPC2 compliant

#### **WINDOWS 95 PRELOAD**

- Microsoft Windows 95
- Online Users Guide
- Diskette Factory PC Card Director 1.4
- 1. Triton CoSession™ Host
- Puma TranXit™
- 3. NetFinity for Windows
- 4. CompuServ™ for Windows

The Port Replicator and Charger provide cable management, a battery charger for an optional second battery, a palm rest when installed on the system, and has complete port replication.

The Port Replicator can charge a battery whether or not a ThinkPad is connected to it. When the ThinkPad is attached to the Port Replicator, it will attempt to recharge the battery in ThinkPad first (if there is one) before charging the battery in the Port Replicator.

Port Replicator and Charger connectors:

- Serial (RS-232, 9 pin)
- Parallel (EPP, ECP, 25 pin) External display (15 pin)
- Keyboard
- Mouse
- Diskette drive (26 pin)
- Game with MIDI support (15 pin)
- Audio in (3.5 mm)
- Audio out (3.5 mm)
- DC input connector
- Spare battery connector (to charge 2nd battery)

Options for ThinkPad 365:

- 4 MB SO DIMM 3.3v non-parity 72 pin 92G7287 16 MB SO DIMM 3.3v non-parity 72 pin 92G7293
- 42H4012
- 810 MB EIDE HDD 13 ms Mode 4 1.08 GB EIDE HDD 13 ms Mode 4 69H7956
- (old) 38H6303 - Port Replicator and Charger
- replaced by 75H7529
- NiMH Battery Pack 38H6304 - 35 watt AC Ádapter - 2 pin 85G6719

Setup is entered by Ctrl + Alt + F11 from any full-screen DOS prompt

Fn + F2 = Battery guage

Fn + F3 = Standby

Fn + F4 = Suspend

Fn + F7 = LCD/CRT/Simultaneous

Fn + F8 = Reverse video Fn + F11 = PowermgmtFn + F12 = Hibernation

PgUp = Speaker enable PğDn = Speaker disable

System enters hibernation mode when keyboard is lifted up

Disk is not removable (like 755/760 systems), but it can be upgraded via a screwdriver

#### **FEATURES OF 365 MODELS**

Product Map LED indicator panel Plug and Play 1.0a Non-disruptive battery exchange Doze, standby, suspend, safe suspend, and hibernation modes US EPA Energy Star compliant Personalized nameplate in indention Personalization screen at startup International Warranty Service 24 hour / 7 day telephone, bulletin board, fax, electronic, and Internet (http://www.pc.ibm.com) support IBM and dealer warranty/sérvice Online Housecall (remote diagnostics)

ThinkPad EasyServ™: customer calls IBM HelpCenter, courier service picks up ThinkPad at any location, IBM repairs and mails back (no shipping charges, most shipping is overnight, 3 business day average turnaround).

All trademarks are the property of their respective owners No warranties are expressed or implied in this summary (365ED) Compiled by Roger Dodson, IBM. October 1996

# IIM ThinkPad 365X - withdrawn

IBM <sup>®</sup> ThinkPad <sup>®</sup> :	<b>≈</b> 365X			Key diff	erences between 36	65E and 365X:		
Dragonos - tra-s	10.4" SVGA TFT or DSTN		-	<u>365E</u>	<u>365X</u>			
Processor type Processor upgrade L2 cache Diskette drive External FDD port Internal CD-ROM	Pentium® 100/66 / 64 bit to None None (not upgradeable) Internal 3.5" 1.44 MB O (not External FDD port (used if None standard / 4 x CD-RO	ot removable purchase CI	· •)	00/33 MHz st page (to 24 MB) graphics and disk GA 640 x 480 LCD disk standard grated audio	Pentium 100, 120, 133 8 MB EDO (to 40 MB) PCI graphics and disk SVGA 800 x 600 810 MB or 1.08 GB disk 16 bit audio			
Price Type - model Preload (see side) Avail / withdrawn date Disk - size / ms Disk controller	2625-6E7 Windows 95 May 1996 / January 1997 810 MB / 13 ms O / PIO M EIDE / busmaster / PCI 2.1		2625-7E7 Windows 95 May 1996 / January 1997 one internal disk	Phoenix		IBM BIOS with Easy Setup and ThinkPad Features		
Display - size and type Display - techology	<b>10.4 inch DSTN color</b> <b>SVGA</b> / 640 x 480 or 800 x <b>Dual scan</b> 256 sim colors / 25 to 1 con		10.4 inch TFT color SVGA / 640 x 480 or 800 x 60 Black Matrix TFT - active ma 65,536 simultaneous colors /	atrix	contrast ratio			
Graphics - controller Graph - arch/data path Gaphics - features		VGA to 1024		M / 70 ns				
Memory - std / max Memory - features	. , ,		ocket for one JEDEC 144 pin E	DO SO [	DIMMs of 8, 16, or 3	32 MB		
Keyboard / # of keys Keyboard slope Pointing / palm rest		eyboard sup	ns) port (w/ option cable or Port Re	eplicator)	- Microsoft Windo			
Dimensions Weight Battery - type	11.7 x 8.3 x 1.9" (185 cu in) 6.0 pounds (2.7 kg) NiMH/non-intelligent	remove i	<i>(pop-up) keyboard</i> to access battery (and upgrade memor skette drive is not removable	y and	Online User's Guide     ThinkPad Features     PC Card Director 4.0			
Battery - life (1 batt) Charge time - on / off	2.5 hours 1.5 hrs / 1.2 hrs				<ul><li>Diskette Factor</li><li>1. Triton CoSession</li><li>2. Compuserv for</li></ul>	ón™ Host Windows		
Architecture  Docking Station  Port replicator  PCMCIA™ 2.1 slots  Serial / parallel ports  Other features	2 Type İ or 2 Type II or 1 Ty One 9 pin; 16550A / one (IE	IDE, graphion (with built-in pe III EEE P1284- <i>P</i>	cs) n battery charger and palm res	,	3. NetFinity for Windows 95 4. Puma TranXit™ - Lotus SmartSuite 96 CD-ROM			
Video in/out MPEG decoder Data/fax modem Audio support Audio in/out jacks nfrared ports	None None None 16 bit audio chip / 18 voic One internal speaker / .5 v Input jack (stereo) / micropl Infrared port in back / IrD/	watt / dial vo hone jack / o						
Security	Power-on pwd / Hard disk p	owd / Superv	risor pwd / Locking device keyl / keyboard lock (requires Ken	hole sington)				
Preinstalled software Warranty	Microsoft Windows 95 wth a 1 year - ThinkPad EasySer	applications v (optional C	(listed on right) Overnight Repair Option) or car	ry-in	Easy-Setup is ento	ered by holding F1		
The <b>Port Replicator a</b> cable management, a optional second batter installed on the system replication.  The Port Replicator ca	battery charger for an y, a palm rest when n, and has complete port	-8 MB SO E -16 MB SO -32 MB SO -810 MB E -1.08 GB E	DIMM 3.3v NP EDO 64 bit     920       DIMM 3.3v NP EDO 64 bit     920       IDE HDD 13 ms     42h       EIDE HDD 13 ms     69h	<b>G7342</b> -14012 -17956		Mode 2 or PIO Mode 4 Mode 2 or PIO Mode 4		
whether or not a Think When the ThinkPad is Replicator, it will attem in ThinkPad first (if the charging the battery in	Pad is connected to it. attached to the Port ipt to recharge the battery re is one) before the Port Replicator.	or connected to it.  ned to the Port echarge the battery ine) before  1.5 EIDS 32 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5			Quick Setup Gui LED indicator pa Plug and Play 1.	nel		
- Audio in (3.5 mm)			<ul> <li>Standby</li> <li>Suspend</li> <li>LCD/CRT/Simultaneous</li> <li>Power mgmt</li> <li>Hibernation</li> </ul> removable (like 755/760 syster)	ms), but	and hibernatio US EPA Energy Personalized nan Personalization s International Ware 24 hour / 7 day t board, fax, el (http://www.p IBM and dealer	on modes Star compliant meplate in indention screen at startup arranty Service telephone, bulletin ectronic, and Internet oc.ibm.com) support warranty/service		
- Diskette drive (26 pir - Game with MIDI supp - Audio in (3.5 mm) - Audio out (3.5 mm) - DC input connector	n) port (15 pin) stor (to charge 2nd battery)	Disk is not r	removable (like 755/760 syster	ms), but	International Warranty Service 24 hour / 7 day telephone, bulletir board, fax, electronic, and Inter (http://www.pc.ibm.com) suppo IBM and dealer warranty/service Online Housecall (remote diagno			

# Time ThinkPad 365X (Fall 1996 models) - withdrawn

IBM <sup>®</sup> ThinkPad <sup>®</sup> :		SVGA DSTN	color		
Processor type Processor upgrade L2 cache Diskette drive External FDD port Internal CD-ROM	Pentium® 120/60 or 133/ None None (not upgradeable) Internal 3.5" 1.44 MB m (n External FDD port (used if	66 MHz / 64 I ot removable purchase CE	bit transfer to memory  b)  C-ROM upgrade)	es an extern	al diskette drive (not customer install)
Price Type - model Preload (see side) Avail / withdrawn date Pentium speed Disk - size / ms Disk controller	2625-3E9 Windows 95 October 1996 / July 1997 120/60 MHz 810 MB / 13 ms O / PIO M EIDE / busmaster / PCI 2.		2625-2E9 Windows 95 October 1996 / October 19 133/66 MHz 1.08 GB / 13 ms O / PIO None internal disk		
Display - size and type Display - techology	10.4 inch TFT color SVGA / 640 x 480 or 800 x Black Matrix TFT - active 65,536 simultaneous colors	matrix	11.3 inch DSTN color SVGA / 640 x 480 or 800 x Dual scan 256 simultaneous colors / 3		ast ratio
Graphics - controller Graph - arch/data path Graphics - features	Trident™ CYBER9320 / 32 PCI 2.1 / 32 bit / external S Simultaneous LCD and CR	VGA to 1024		RAM / 70 ns	
Memory - std / max Memory - features	<b>8 MB</b> / 40 MB 70 ns / non-parity / 3.3 volt	/EDO / 1 so	ocket for one JEDEC 144 pi	n EDO SO D	DIMMs of 8. 16. or 32 MB
Keyboard / # of keys Keyboard slope Pointing / palm rest	Full size alp/num / 85 (6 Fr Yes (legs pop out)	n key function			WINDOWS 95 PRELOAD - Microsoft Windows 95
Dimensions Weight	11.7 x 8.3 x 1.9" (185 cu in 6.1 pounds (2.76 kg)		[5.9 pounds (2.67 kg)		<ul><li>Online User's Guide</li><li>ThinkPad Features</li></ul>
Battery - type Battery - life Charge time - on / off	NiMH/non-intelligent 2.5 hours 1.5 hrs / 1.2 hrs	remove k	, (pop-up) keyboard to acce pattery (and upgrade mem skette drive is not remova	ory and	<ul> <li>PC Card Director 4.0</li> <li>Diskette Factory</li> <li>Triton CoSession™ Host</li> <li>Compuserv for Windows</li> </ul>
Architecture  Docking Station Port replicator PCMCIA™ 2.1 slots Serial / parallel ports Other features	ISA (audio, PCMCIA, disker PCI 2.1 / 32 bit / 33 MHz (INone Port Replicator and Charge 2 Type I or 1 Ty One 9 pin; 16550A / one (IEAPM-aware BIOS / University In the Indian Indi	EIDE, graphi er (with built-ir pe III EEE P1284-A	,	<ul> <li>3. NetFinity for Windows 95</li> <li>4. Puma TranXit™</li> <li>Lotus SmartSuite 96 CD-ROM</li> </ul>	
Video in/out MPEG decoder Data/fax modem Audio support Audio in/out jacks Infrared ports	None None None 16 bit audio chip / 18 voic One internal speaker / .5 lnput jack (stereo) / microp Infrared port in back / IrD	watt / dial vo hone jack / o			
Security	Power-on pwd / Hard disk p (requires cable) / keyboard	owd / Superv	isor pwd / Security keyhole		
Preinstalled software Warranty	Microsoft Windows 95 wth	applications (	,	carry-in	Easy-Setup is entered by holding F1 when turning on.
cable management, a optional second batter installed on the system replication.  The Port Replicator ca	cable management, a battery charger for an optional second battery, a palm rest when installed on the system, and has complete port replication.  The Port Replicator can charge a battery  - 8 MB SC - 16 MB SC - 16 MB SC - 32 MB SC - 310 MB SC - 810 MB SC - 8		O DIMM 3.3v NP EDO 64 bit O DIMM 3.3v NP EDO 64 bit EIDE HDD 13 ms EIDE HDD 13 ms	92G7340 92G7341 92G7342 42H4012 69H7956 82H8161	810 MB = DMA Mode 2 or PIO Mode 4 1.08 GB = DMA Mode 2 or PIO Mode 4
When the ThinkPad is Replicator, it will attem in ThinkPad first (if the charging the battery in	- 2.1 GB HDD 13 ms - F5H7529   ThinkPad is attached to the Port   ThinkPad is connected to it.   ThinkPad is attached to the Port   ThinkP				FEATURES OF 365 MODELS  Quick Setup Guide LED indicator panel Plug and Play 1.0a Doze, standby, suspend, safe suspend,
- Serial (RS-232, 9 pin) - Parallel (EPP, ECP, 25 pin) - External display (15 pin) - Keyboard - Mouse - Diskette drive (26 pin) - Game with MIDI support (15 pin) - Audio out (3.5 mm) - Output for a celeptor of the content of the co		= Battery guage = Standby = Suspend = LCD/CRT/Simultaneous = Power mgmt	83H6726	and hibernation modes US EPA Energy Star compliant Personalized nameplate in indention Personalization screen at startup International Warranty Service 24 hour / 7 day telephone, bulletin board, fax, electronic, and Internet (http://www.pc.ibm.com) support IBM and dealer warranty/service Online Housecall (remote diagnostics)	

#### IIM ThinkPad 365XD - withdrawn

IBM <sup>®</sup> ThinkPad <sup>®</sup> :	365XD Key diff					ey diffe	erences between 365ED and 365XD:			
Processor type Processor upgrade L2 cache Diskette drive  External FDD port CD-ROM (not remove)	Pentium® 100/66 or 120/6 None None (not upgradeable) External 3.5" 1.44 MB (corcase with a cable / use sexternal FDD port (works)	pradeable) 1.44 MB (connects to back of system) / enclosed in a cable / use simultaneously with CD-ROM				86c 10 MB fas Bus 0.4" V0	365ED         365XD           00/33 MHz         Pentium 100, 120, 133           st page (to 24 MB) 8 MB EDO (to 40 MB)         graphics and disk           GA 640 x 480 LCD 10.4" or 11.3" SVGA         810 MB, 1.08, 1.35 GB           GB IBM BIOS         IBM BIOS			
Pentium speed Disk - size / ms Disk controller	≈ 2625-6E3     Windows 95     May 1996 / January 1997     100/66 MHz     810 MB / 13 ms ○ / PIO M     EIDE / busmaster / PCI 2.1	3 2625-DEF Windows 95 May 96 / Jan 97 July 1996 / Jan 1997 120/60 MHz 1.08 GB / 13 ms ○ / PIO Mode 4			997					
Display - techology  Graphics - controller	10.4 inch DSTN color SVGA / 640 x 480 or 800 x Dual scan 256 sim colors / 25 to 1 cor Trident™ CYBER9320 / 32	ntrast ratio		30 or 800 x T - active 100 to 1 co st page DF	matrix ontrast r		11.3 inch DSTN color SVGA / 640 x 480 or 800 x 600 Dual scan 256 sim colors / 30 to 1 contrast ratio			
Gaphics - features  Memory - std / max	PCI 2.1 / 32 bit / external S' Simultaneous LCD and CR 8 MB / 40 MB	T / 180 degre	ee tilt		. ====					
Memory - features Keyboard / # of keys Keyboard slope Pointing / palm rest Dimensions	70 ns / non-parity / 3.3 volt Full size alp/num / 85 (6 Fr Yes (legs pop out) TrackPoint III™ / external k 11.7 x 8.3 x 1.9" (185 cubic	n key function eyboard sup	ns)	·			WINDOWS 95 PRELOAD  - Microsoft Windows 95  - Online User's Guide			
Weight  Battery - type Battery - life Charge time - on / off	6.4 pounds (2.9 kg) NiMH/non-intelligent 2.5 hours 1.5 hrs / 1.2 hrs	remov	le (pop-up) keybo e battery (and up CD-ROM is not ro	grade me	emory a		- ThinkPad Features - PC Card Director 4.0 - Diskette Factory 1. Triton CoSession™ Host 2. Compusery for Windows			
Architecture  Docking Station Port replicator PCMCIA™ 2.1 slots Serial / parallel ports Other features  Video in/out MPEG decoder Data/fax modem Audio support  Audio in/out jacks	PCI 2.1 / 32 bit / 33 Mhz (E None Port Replicator and Charge 2 Type I or 2 Type II or 1 Ty One 9 pin; 16550A / one (IE APM-aware BIOS / Univers None None None 16 bit audio chip / 18 voic One internal speaker / .5 v Input jack (stereo) / micropi	CMCIA, diskette, serial, parallel, infrared) it / 33 Mhz (EIDE, graphics)  r and Charger (with built-in battery charger and palm rest) ype II or 1 Type III i50A / one (IEEE P1284-A, EPP, ECP, bidirectional) IOS / Universal AC adapter 3 prong (35 watts) / Selectable boot  hip / 18 voice MIDI FM Synthesis / ESS1688 speaker / .5 watt / dial volume control / internal microphone					3. NetFinity for Windows 95 4. Puma TranXit™ - Lotus SmartSuite 96 CD-ROM  OS/2 WARP CONNECT PRELOAD - IBM OS/2 Warp Connect Version 3 with WIN-OS/2 with BonusPak applications - Online User's Guide - ThinkPad Features Program - PC Card Director 4.0 - Diskette Factory 1. Puma TranXit™ 2. NetFinity for OS/2			
Infrared ports Security	Power-on pwd / Hard disk p (Kensington™ MicroSaver	owd / Superv	risor pwd / Lockin	g device k	keyhole Kensingto	on)	3. Triton CoSession™ Host - Lotus SmartSuite 4.0 (entitled to SSuite 96)			
Preinstalled software Warranty	Microsoft Windows 95 wth a 1 year - ThinkPad EasySer	applications v (optional C	(listed on right) Overnight Repair C	Option) or	carry-in					
replication.	battery charger for an ry, a palm rest when n, and has complete port	- 8 MB SO E - 16 MB SO - 32 MB SO - 810 MB E - 1.08 GB E	ThinkPad 365XD DIMM 3.3v NP EDO DIMM 3.3v NP ED DIMM 3.3v NP ED DIDE HDD 13 ms EIDE HDD 13 ms	0 64 bit 0 64 bit 0 64 bit	<b>92G734</b> 42H4012 69H7956	41 42 2 6	Easy-Setup is entered by holding F1 when turning on.  810 MB = DMA Mode 2 or PIO Mode 4 1.08 GB = DMA Mode 2 or PIO Mode 4			
whether or not a ThinkPad is connected to it.  When the ThinkPad is attached to the Port Replicator, it will attempt to recharge the battery in ThinkPad first (if there is one) before charging the battery in the Port Replicator.  - 2.1 GB HDD 13 ms - Port Replicator and Charger - NiMH Battery Pack - 35 watt AC Adapter (2 pin barrel) - 35 watt AC Adapter (slim, 2 pin) - 38 x CD-ROM - 834			82H816 82H817! 75H752! 38H6304 85G671! 76H013! 83H672!	5 9 4 9 9	FEATURES OF 365 MODELS  Quick Setup Guide LED indicator panel Plug and Play 1.0a Doze, standby, suspend, safe suspend,					
Port Replicator and Charger connectors: - Serial (RS-232, 9 pin) - Parallel (EPP, ECP, 25 pin) - External display (15 pin) - Keyboard - Mouse - Diskette drive (26 pin) - Game with MIDI support (15 pin) - Audio in (3.5 mm) - Audio out (3.5 mm)  Fn + F2 = B Fn + F3 = S Fn + F4 = S Fn + F1 = P Fn + F12 = H Fn + F13 = S Fn + F2 = B Fn + F3 = S Fn + F4 = S Fn + F3 = S Fn + F4 = S Fn + F3 = S Fn + F4 = S Fn + F4 = S Fn + F2 = B Fn + F3 = S Fn + F2 = B Fn + F3 = S Fn + F4 = S Fn + F3 = S Fn + F4 = S Fn + F4 = S Fn + F4 = S Fn + F3 = S Fn + F4 = S Fn + F3 = S Fn + F4 =			<ul> <li>Hibernation</li> <li>removable (like 75)</li> </ul>	55/760 sys	stems), t	but	and hibernation modes US EPA Energy Star compliant Personalized nameplate in indention Personalization screen at startup International Warranty Service 24 hour / 7 day telephone, bulletin board, fax, electronic, and Internet (http://www.pc.ibm.com) support IBM and dealer warranty/service Online Housecall (remote diagnostics)			
- DC input connector	ctor (to charge 2nd battery)	it can be up	graded via a scre	wdriver			C (remote diagnostics)			

#### III ThinkPad 365XD (Fall 1996+ models) - withdrawn

IBM® ThinkPad®:	× 365XD							
	10.4" SVGA TFT / 11.3" SV	10.4" SVGA TFT / 11.3" SVGA DSTN / 11.3" SVGA TFT - CD-ROM						
Processor type Processor upgrade L2 cache Diskette drive  External FDD port CD-ROM (not remove)	Pentium® 120/60 or 133/66 MHz / 64 bit transfer to memory None None (not upgradeable) External 3.5" 1.44 MB (connects to back of system) / enclosed in a case with a cable / use simultaneously with CD-ROM External FDD port (works with standard external diskette; no kit required) 5.25" CD-ROM / 4 x speed   5.25" CD-ROM / 6 x speed (all systems upgradeable to 8 x CD-ROM)							
CD-ROM features	Multi-session / XA / front loa	1				, 		
Type - model (code) Preload (see side) Avail / withdrawn date Pentium speed Disk - size / ms Disk controller	2625-4E9 (Clark 4) Windows 95 October 1996 / July 1997 120/60 MHz 810 MB / 13 ms O EIDE / busmaster / PCI 2.1		Windows 95 October 1996 133/66 MHz 1.35 GB / 13	/ October 199		2625-FE9 (Clark 4.5) <b>Windows 95 OSR2</b> February 1997 / October 1997 133/66 MHz		
Display - size and type Display - techology	<b>10.4</b> inch TFT color <b>SVGA</b> / 640 x 480 or 800 x <b>Black Matrix TFT</b> - active n 65,536 sim col / 100 to 1 co	natrix	11.3 inch TFT SVGA / 640 x Black Matrix 65,536 sim co	480 or 800 x <b>TFT</b> - active n	natrix	<b>11.3 inch DSTN color SVGA</b> / 640 x 480 or 800 x 600 Dual scan 256 sim colors / 30 to 1 contrast ratio		
Graphics - controller Graph - arch/data path Graphics - features	Trident™ CYBER9320 / 32 b PCI 2.1 / 32 bit / external S\ Simultaneous LCD and CR	/GA to 1024 x 768 w/ 2		PRAM / 70 ns				
Memory - std / max Memory - features	<b>8 MB</b> / 40 MB 70 ns / non-parity / 3.3 volt	/ EDO / 1 socket for on	e JEDEC 144 բ	oin EDO SO [	OIMMs (	of 8, 16, or 32 MB		
Keyboard / # of keys Keyboard slope Pointing / palm rest	Full size alp/num / 85 (6 Fn Yes (legs pop out) TrackPoint III™ / external k	,	tion cable or Po	ort Replicator)	N #:	WINDOWS 95 PRELOAD MODELS 4E9 and 1E9		
Dimensions Weight	11.7 x 8.3 x 1.9" (185 cubic 6.4 pounds (2.9 kg)	inches)   6.1 pounds (2.77 kg)	6.2 pounds (2	- On	Microsoft Windows 95 Online User's Guide ThinkPad Features Program			
Battery - type Battery - life Charge time - on / off	NiMH/non-intelligent 2.0 hours 1.5 hrs / 1.2 hrs	Liftable (pop-up) remove battery (a disk); CD-ROM is	and upgrade m	nemory and	- PC Card Director 4.0 - Diskette Factory 1. Triton CoSession™ Host 2. Compuserv for Windows 3. NetFinity for Windows 95 4. Puma TranXit™ - Lotus SmartSuite 96 CD-ROM  WINDOWS 95 PRELOAD  MODELS GE9 and FE9			
Architecture  Docking Station Port replicator PCMCIA™ 2.1 slots Serial / parallel ports Other features	ISA (audio, PCMCIA, diske PCI 2.1 / 32 bit / 33 Mhz (E None Port Replicator and Charge 2 Type I or 2 Type II or 1 Typ One 9 pin; 16550A / one (IE APM-aware BIOS / Univers	IDE, graphics) r (with built-in battery ch be III EE P1284-A, EPP, ECI	narger and palm	· )				
Video in/out MPEG decoder Data/fax modem Audio support Audio in/out jacks	None None None 16 bit audio chip / 18 voice One internal speaker / .5 v Input jack (stereo) / microph	ce MIDI FM Synthesis / ESS1688 watt / dial volume control / internal microphone chone jack / output jack (stereo) / no joystick port				<ul> <li>Microsoft Windows 95 OSR2</li> <li>Online User's Guide</li> <li>ThinkPad Features Program</li> <li>PC Card Director 4.0</li> <li>Diskette Factory</li> <li>Triton CoSession™ Host</li> <li>Compuserv for Windows</li> </ul>		
Infrared ports Security	Infrared port in back / IrDA 1.0 compatible / up to 115 Kbps  Power-on pwd / Hard disk pwd / Supervisor pwd / Security keyhole					tFinity for Windows 95 ma TranXit™ elliLink Connect		
Preinstalled software Warranty	(requires cable) / keyboard lock (requires cable)  Microsoft Windows 95 wth applications (listed on right)  1 year - ThinkPad EasyServ (optional Overnight Repair Option) or carry-in					// Anti-Virus N/Netscape Internet elliQuest Registration Mailer		
replication.  The Port Replicator ca whether or not a Think When the ThinkPad is	battery charger for an ry, a palm rest when n, and has complete port an charge a battery (Pad is connected to it. attached to the Port npt to recharge the battery are is one) before	Options for ThinkPad 3  - 8 MB SO DIMM 3.3v N  - 16 MB SO DIMM 3.3v I  - 16 MB SO DIMM 3.3v  - 810 MB EIDE HDD 1  - 1.4 GB EIDE HDD 1  - 1.4 GB EIDE HDD 13  - 2.1 GB HDD 13 ms  - Port Replicator and C  - NiMH Battery Pack  - 35 watt AC Adapter (3  - 35 watt AC Adapter (5)	IP EDO 64 bit NP EDO 64 bit NP EDO 64 bit 3 ms 13 ms 12.5 mm harger		9. Erg - Lor Easy- when 810 M 1.08 (	sponomics sus SmartSuite 96 CD-ROM  Setup is entered by holding F1 turning on.  IB = DMA Mode 2 or PIO Mode 4 GB = DMA Mode 2 or PIO Mode 4 GB = DMA Mode 2 or PIO Mode 4 FEATURES OF 365 MODELS  Setup Guide		

LED indicator panel Plug and Play 1.0a Doze, standby, suspend, safe suspend, and hibernation modes US EPA Energy Star compliant Personalized nameplate in indention Personalization screen at startup International Warranty Service 24 hour / 7 day telephone, bulletin board, fax, electronic, and Internet (http://www.pc.ibm.com) support IBM and dealer warranty/service Online Housecall (remote diagnostics)

Port Replicator and Charger connectors:

- Serial (RS-232, 9 pin) Parallel (EPP, ECP, 25 pin) External display (15 pin)
- Keyboard
- Mouse
- Diskette drive (26 pin) Game with MIDI support (15 pin)
- Audio in (3.5 mm)
- Audio out (3.5 mm)
- DC input connector
- Spare battery connector (to charge 2nd battery)

83H6726 - 2.1 GB HDD 13 ms 4000 rpm 82H8175

Fn + F2 = Battery guage Fn + F3 = Standby Fn + F4 = Suspend

= LCD/CRT/Simultaneous

Fn + F7 = LCD/CRT/Sir Fn + F11 = Power mgmt Fn + F12 = Hibernation

Disk is not removable (like 755/760 systems), but it can be upgraded via a screwdriver

ThinkPad EasyServ™: customer calls 1-800-772-2227, courier service picks up ThinkPad at any location, IBM repairs and mails back (no shipping charges, most shipping is overnight, 3 business day average turnaround). Overnight repair option in US available for \$99. O = Removable

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#### IBM ThinkPad 370C (non-US) - withdrawn

IBM <sup>®</sup> ThinkPad <sup>®</sup> :			1	370C is positioned between Pad 360 and ThinkPad 755 family
Processor type Processor speed Memory cache Coprocessor socket Processor / L2 upgrade Removable diskette Removable CD-ROM	InteIDX4 75/25 MHz / 3.3 volt 16 KB internal (no L2 cae Integrated in DX4 None 3.5" 1.44 MB  / support	che) s internal 2.88 MB diskette	DX4 75 DX4 75 DX4 75 DX4 75 DX4 75	es over ThinkPad 360CE i/25 MHz (vs DX2 50/25) olor TFT (vs 8.4" color TFT) Matrix TFT (vs not Black Matrix) max mem (vs 20 MB max memory)
Price Type - model Removable disk - size Hard drive - speed Available date Withdrawn date	9545-QPC 340 MB	16 MB DIMM w/ Parity 4 MB IC DRAM 70 ns Parity 8 MB IC DRAM 70 ns Parity	84G21 84G65 84G21 92G72 92G72 92G72 rity 92G72	39 53 63 64 65 65 65 65 65 65 65 65 65 65 65 65 65
Display - type Display - colors Display - techology Display - diagonal size	VGA color / 640 x 480 256 simultaneous colors Black Matrix TFT - active 10.4 inch / 100 to 1 contr	8 MB IC DRAM 70 ns non-Pa 16 MB IC DRAM 70 ns non-Pa rast ratio / 180 degree tilt	rity 92G72	The removed diskette drive can be used externally via the optional 'FDD External Kit' (includes cable and enclosure) to the Port Replicator Model I and II and Dock I
Graphics - controller Graphics - vendor Graph - arch/data path		I MB DRAM al SVGA to 1024 x 768 with 256 colors (u / Simultaneous LCD and CRT	p to 75 Hz)	and II.  Diskette drive can be removed  to reduce weight
Memory - std / max Mem - sockets empty Mem - options available	4 MB / 36 MB 70 ns / no 1 socket 2, 4, 8, 16 MB ICs or 4, 8 work on optional Mem	① 1 open socket fo , 16 MB DIMMs that ory card for 20 MB	r IC mem- max or	2 to insert cellular modem (CDPD) 3 to insert TV Tuner (for on screen TV and VCR playback) 4 to insert 2.88 MB diskette
Keyboard / # of keys	Full size alp/num / 85 key	of 36 MB with 4, 8,	or	s to add other third party options
Fn key functions Keyboard slope Mouse/pointing Ext keyboard support	8 (in any appl) Yes (legs pop out) TrackPoint II™ Yes (with optional cable)	16 MB JEDEC 72 p DIMMs on optional Module Adapter		PREINSTALLED APPLICATIONS - IBM PC DOS 7.0 - Windows 3 11
Dimensions Cubic inches Color Weight (with battery)	11.7 x 8.3 x 2.0" 194 inches Black 6.3 pounds	Fn key functions: - Fuel guage (batte - Standby mode - Suspend mode - Audio beep on	ery)	IBM PC Card Director for PCMCIA     IBM ThinkPad Demo     Online Users Guide     ThinkPad features; Diskette Factory
Battery - type Batt - life (per battery) Charge time - on / off	Nickel hydride (NiMH) / in 2.9 to 8 hours 2 hrs / 1.5 hr	ntelligent - Audio been off - LCD or CRT or b - Power mode swit	ching	Lotus® cc:Mail, for the IBM Global® network,     Lotus Organizer 1.12
Architecture Docking Station Port replicator PCMCIA™ 2.1 slots Serial / parallel ports	AT bus (ISA) Dock I and II Port Replicator I and II 2 Type I or 2 Type II or 1 Yes (one 9 pin) 16550B/		•	<ol> <li>Lotus ScreenCam 1.0,</li> <li>Official Airline Guide Flight Disk<sup>®</sup> 1.0</li> <li>Triton CoSession™ Host,</li> <li>PRODIGY<sup>®</sup>,</li> <li>SofNet FaxWorks™ 3.0</li> <li>Farallon® Replica™</li> </ol>
Other features	APM-aware BIOS / Select	ctable boot orldwide, 3 pin, not wallmount		9. AlphaNet™ FollowFax™ 10. Sedona REPRINT™
Audio support Security	Audio beep only Power-on password / Ha	rd disk password / Supervisor Password hit and prevents opening keyboard) /	/ Hardware	<ol> <li>COMPEL™ Personal Edition</li> </ol>
Preinstalled software Warranty Warranty options	IBM DOS 7.0, Windows™ 1 year - ThinkPad EasyS Onsite via special bid onl			
The ThinkPad 370 fam physical design as the	ily has the same ThinkPad 360, 750, and	Compatible in all 360 family, 370 family family, and 755 family:	, 750	FEATURES OF 370C FAMILY

755 family.

PC Card Director™ (EasyPlaying) is preinstalled and on the utility diskette for DOS, Windows and OS/2. It providés:

- automatic config of many PCMCIA cards;
   visual/audible confirmation of insertion/
- removal of cards:
- ability to automatically launch an appl (e.g. async emulation) when card inserted;

  status and info on PCMCIA cards installed.

Easy-Setup is entered by holding F1 when turning on. Easy-Setup, BIOS, and diagnostics are located in flash memory.

ThinkPad 370C supported batteries:

- 750 NiMH battery 66G2846

- 750 Quick Charger 66G2843 Disks: 170 MB IDE 66G2847 250 MB IDE 84G2391 340 MB IDE 66G2849 **540 MB IDE** 84G2150 84G8250 810 MB IDE 85G8562 3545001

- Dock I (1 slot / 1 bay) - Dock II (2 slot / 2 bay) - Port Replicator I (w/ PCMCIA) 3546001 66G3510 Port Replicator II 1.44 MB diskette 66G3520

std in newer - 2.88 MB diskette 66G0108

Options for 370C:

- TV Tuner 66G3689 - CDPD Mobile module 71G2560 - Car Battery Adapter 49G2167 FDD External Attachment Kit 66G3618

IC DRAM memory from ThinkPad 700, 720, 750, and 755 will work but without parity

3 power saving modes: standby, suspend, and hibernation

Personalized nameplate in molded indentation External VGA is ISO capable (75 Hz)

Upgradeable disks: 170 MB, 250 MB, 340MB, 540 MB, 810 MB, 1.2 GB (all 2.5 inch)

Battery life indicator Non-disruptive battery exchange

US EPA Energy Star compliant

#### **HELPWARE**

International Warranty Service 24 hour / 7 day telephone, bulletin board, fax, and electronic support IBM or dealer warranty/service Online Housecall (remote diagnostics) 30 day money back guarantee

ThinkPad EasyServ™: customer calls 1-800-565-3344 in Canada, courier service picks up ThinkPad at any location, IBM repairs and mails back (no shipping charges, most shipping is

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IBM® ThinkPad®:	<b>380</b> 12.1" SVGA DSTN				
Processor type Processor upgrade L2 cache Diskette drive External FDD port CD-ROM	Pentium® 150/60 MHz / 6 None 256 KB / write-through / d Internal 3.5" 1.44 MB / use None since diskette intern	4 bit transfer to L2 cache / 64 bit transfer irect mapped / 8 ns / synchronous pipelire simultaneously with CD-ROM / on right al	ned burst side		
Type - model (code) Preload (see side) Avail / withdrawn date Pentium speed Disk - size / ms Disk controller	<b>2635-10U Windows 95 OSR2</b> May 1997 / January 1998 <b>150/60 MHz 1.08 GB</b> / 13 ms / PIO Mo EIDE / PCI 2.1 / supports		support / no	All-in-one integration means the disk, diskette drive, and CD-ROM are all within the covers of the notebook; keyboard does not lift up of removeable / upgrade only by IBM or dealer	
Display - size and type Display - techology	12.1 inch DSTN color SVGA / 640 x 480 or 800 > Dual scan 65,536 simultaneous color				
Graphics - controller Graph - arch/data path Graphics - features	NeoMagic™ MagicGraph 1.125 MB / iDRAM™ (emb	128ZV™ (NM2093) /128 bit SVGA acceledded) / color space conversion and inte VGA to 1024 x 768 with 256 colors		med Video support / DDC1 and DDC2B  a X and Y axis / support for DCI, DirectDraw	
Memory - std / max Memory - features	16 MB / 80 MB / non-parity	// 3.3 volt / EDO 44 pin EDO SO DIMM of 8, 16, 32, or 64	1 MB / socke	et accessed from bottom via screw	
Keyboard / # of keys External keyboard Pointing / palm rest	Full size alp/num / 85 (6 Fr	n key functions) / keyboard slope with Port with option cable 06G8619 or Port Replic	t Replicator	WINDOWS 95 PRELOAD - Microsoft Windows 95 OSR2 (FAT16)	
Dimensions Weight	11.8 x 9.2 x 2.4" (260 cub 6.6 pounds (2.96 kg)	c inches)		<ul> <li>Online User's Guide</li> <li>ThinkPad Features Program</li> <li>SystemSoft CardWorks™</li> </ul>	
Battery - type / life Charge time - on / off	NiMH / non-intelligent / 2.2 3.5 to 10 hrs / 2.8 hrs	hrs		SystemSoft Cardvorks™     Diskette Factory and Utilities     Triton CoSession™ Host	
Architecture	ISA (audio, diskette, serià	EIDE, graphics, PCMCIA, Port Replicato , parallel, infrared) PCIset / Intel 82371MX PIIX / NS PC8733	NetFinity for Windows 95     Puma TranXit™     IntelliLink Connect		
Docking Station Port replicator	None	rt Replicator, © ThinkPad 560 Port Replica		5. IBM Anti-Virus 6. IGN/Netscape Navigator browser 7. Media Player	
PCMCIA™ slots	PCMCIA 2.1 compatible / F	/pe III / Zoomed Video support in lower PC Card Standard 95 / Cirrus Logic CL-PD	slot / 96729 (PCI)	IntelliQuest Registration Mailer     CompuServe WinCIM     Lotus Organizer	
Serial / parallel ports Other features	APM-aware BIOS / Univer	EEE P1284-A, EPP, ECP, bidirectional) s AC adapter, barrel (35 watts) / Selectab	ole boot	11. Ergonomics 12. Marketing Demo	
Video in/out Data/fax modem Audio support		e MIDI FM Synthesis / Crystal Semiconducto ratt / dial volume control / internal mic / full		<ul> <li>Lotus SmartSuite CD-ROM</li> <li>Recovery CD-ROM with boot diskette</li> <li>Windows 95 CD-ROM (no installation)</li> </ul>	
Audio in/out jacks Infrared ports		reo) / output jack (stereo) / no joystick por / IrDA 1.1 compatible / up to 4 Mbps	rt ·	Fn + F2 = Battery guage	
Security Preinstalled software	<u>'</u>	d disk password / security keyhole R2 wth applications (listed on right)		Fn + F3 = Standby Fn + F4 = Suspend	
Warranty Service options	1 year - ThinkPad EasySe	ry (optional Overnight Repair Option) or c s day (71 cities) / warranty extension to 3		Fn + F7 = LCD/CRT/Simultaneous Fn + F11 = Power mgmt Fn + F12 = Hibernation	
provide cable manage	nced Port Replicator ement, additional I/O ports, d slots. Features include:		92G7340 92G7341	Easy-Setup is entered by holding F1 when turning on.	
- Dual IBM lock slots 380, PC Cards, and	to secure the ThinkPad Port Replicator	- 32 MB SO DIMM 3.3v NP EDO 64 bit 5 - 64 MB SO DIMM 3.3v NP EDO 64 bit 5	<b>92G7342</b> <b>76H0268</b> 46H4209	1.08 GB = DMA Mode 2 or PIO Mode 4	
Port Replicator conne - USB - Serial (9 pin); paralle	el (EPP, ECP, 25 pin)	- ThinkPad 560 Port Replicator - ThinkPad 380/385 Port Replicator - ThinkPad Enhanced Port Replicator - Li-lon Battery Pack 7	1.35 GB = DMA Mode 2 or PIO Mode 4 2.1 GB = DMA Mode 2 or PIO Mode 4 3.2 GB = Ultra DMA/33 or PIO Mode 4 5.1 GB = Ultra DMA/33 or PIO Mode 4		
<ul> <li>External diskette dri</li> </ul>	pin)  15 pin) - not on system ve conntr - not on system equires AC power; can not	- 35 watt AC Adapter (slim, barrel) - 8 x CD-ROM - 2.1 GB HDD 13 ms - 3.2 GB Disk 13 ms - 5.1 GB Disk 12 ms - 33.6 Kbps Modem with XJACK - 56K PC Card Modem Kit	FEATURES OF 380 MODELS  Quick Setup Guide System Status Indicators Plug and Play 1.0a Standby, suspend, safe suspend (RediSafe) and hibernation modes US EPA Energy Star compliant		
Features of the PC Ci - Two Type III slots (s - PC Card Standard 9 - CardBus compliant	side by side) 5 compliant (PCI 2.1 / 32 bit) oport (no Zoomed Video) PCI1131 controller			Personalization screen at startup International Warranty Service IBM SystemXtra Program 24 hour / 7 day telephone, bulletin board, fax, electronic, and Internet (http://www.pc.ibm.com) support IBM and dealer warranty/service Online Housecall (remote diagnostics)	

IBM® ThinkPad®:	<b>380D</b> 12.1" SVGA DSTN or TFT	/ 8 x CD-RO	M				
Processor type Processor upgrade L2 cache Diskette drive External FDD port CD-ROM	Pentium <sup>å</sup> 150/60 MHz or 150/60 MHz with MMX <sup>™</sup> technology/ 64 bit transfer to L2 cache / 64 bit transfer to memory None 256 KB / write-through / direct mapped / 8 ns / synchronous pipelined burst Internal 3.5" 1.44 MB / use simultaneously with CD-ROM / on right side None since diskette internal 5.25" CD-ROM / 8 x speed / multi-session / XA / ATAPI / not bootable / not removable / on right side						
Type - model (code) Preload (see side) Avail / withdrawn date Pentium speed Disk - size / ms Disk controller	2635-2AU Windows 95 OSR2 May 1997 / January 1998 150/60 MHz 1.35 GB / 13 ms / PIO Mo EIDE / PCI 2.1 / supports of	2635-3AU Windows 95 OSR2 May 1997 / January 1998 150/60 MHz with MMX technology de 4 2.1 GB / 13 ms / PIO Mode 4			All-in-one integration means the disk, diskette drive, and CD-ROM are all within the covers of the notebook; keyboard does not lift up ot removeable / upgrade only by IBM or dealer		
Display - size and type Display - techology	12.1 inch DSTN color SVGA / 640 x 480 or 800 x Dual scan 65,536 sim colors / 30 to 1		12.1 inch TFT color SVGA / 640 x 480 or 800 Black Matrix TFT - active 65,536 simultaneous colo	e matrix	contrast ratio ratio		
Graphics - controller Graph - arch/data path Graphics - features	NeoMagic™ MagicGraph 1.125 MB / iDRAM™ (emb PCI 2.1 / 32 bit / external S Simultaneous LCD and CR	edded) / cold VGA to 1024	or space conversion and in Ix 768 with 256 colors	elerator / Zoo terpolation i	omed Video support / DDC1 and DDC2B n X and Y axis / support for DCI, DirectDraw		
Memory - std / max Memory - features	16 MB / 80 MB / non-parity			S4 MB / sock	et accessed from bottom via screw		
Keyboard / # of keys External keyboard Pointing / palm rest	Full size alp/num / 85 (6 Fr External keyboard support TrackPoint III™ / no drag lo	key function with option c	ns) / keyboard slope with Po	ort Replicator	WINDOWS 95 PRELOAD - Microsoft Windows 95 OSR2 (FAT16)		
Dimensions Weight Battery - type / life	11.8 x 9.2 x 2.4" (260 cubi 7.1 pounds (3.2 kg) NiMH / non-intelligent / 2.0		6.9 pounds (3.1 kg) Li-lon / non-intelligent / 2.6	6 hrs	- Online User's Guide - ThinkPad Features Program - SystemSoft CardWorks™		
Charge time - on / off	3.5 to 9 hrs / 2.5 to 3.5 hrs	1115	LI-1011/11011-IIItelligerit/2.t		Diskette Factory and Utilities     Triton CoSession™ Host     NetFinity for Windows 95     Puma TranXit™     IntelliLink Connect     IBM Anti-Virus     IGN/Netscape Navigator browser     Media Player		
Architecture	PCI 2.1 / 32 bit / 33 Mhz (E ISA (audio, diskette, serial Intel® Mobile Triton 82430	, parallel, infi	rared)	,			
Docking Station Port replicator	None ① ThinkPad Enhanced Por ③ ThinkPad 380/385 Port F	t Replicator,					
PCMCIA™ slots Serial / parallel ports	2 Type I or 2 Type II or 1 Ty PCMCIA 2.1 compatible / P One 9 pin; 16550A / one (II	/pe III <b>/ Zoon</b> PC Card Stand	D6729 (PCI)	10. Lotus Organizer			
Other features .	APM-aware BIOS / University				11. Ergonomics 12. Marketing Demo		
Video in/out Data/fax modem Audio support	None None <b>16 bit audio chip /</b> 20 voice One internal speaker / .5 w	⁄att / dial voľu	me control / internal mic / fu	ull duplex	Lotus SmartSuite CD-ROM     Recovery CD-ROM with boot diskette     Windows 95 CD-ROM (no installation)		
Audio in/out jacks Infrared ports	Input/microphone jack (ste Infrared port on left side			ort	Fn + F2 = Battery guage		
Security	Power-on password / Hard				Fn + F3 = Standby Fn + F4 = Suspend		
Preinstalled software Warranty Service options	Microsoft Windows 95 OSF 1 year - ThinkPad EasySe On-site, M-F, 8-5, next bus	rv (optional C	eations (listed on right) Overnight Repair Option) or es) / warranty extension to 3		Fn + F7 = LCD/CRT/Simultaneous Fn + F11 = Power mgmt Fn + F12 = Hibernation		
	nced Port Replicator ement, additional I/O ports, d slots. Features include:	-8 MB SO I	ThinkPad 380: DIMM 3.3v NP EDO 64 bit DIMM 3.3v NP EDO 64 bit	92G7340 92G7341	Easy-Setup is entered by holding F1 when turning on.		
380, PC Cards, and	· ·	- 64 MB SO	DIMM 3.3v NP EDO 64 bit DIMM 3.3v NP EDO 64 bit 560 Port Replicator	<b>92G7342</b> <b>76H0268</b> 46H4209	1.08 GB = DMA Mode 2 or PIO Mode 4 1.35 GB = DMA Mode 2 or PIO Mode 4		
Port Replicator conne - USB - Serial (9 pin); paralle	el (EPP, ECP, 25 pin)	- ThinkPad - ThinkPad - Li-Ion Bat	2.1 GB = DMA Mode 2 or PIO Mode 4 3.2 GB = Ultra DMA/33 or PIO Mode 4 5.1 GB = Ultra DMA/33 or PIO Mode 4				
- External diskette dri	pin)  15 pin) - not on system ve conntr - not on system equires AC power; can not	- 35 watt A( - 8 x CD-R( - 2.1 GB H( - 3.2 GB D( - 5.1 GB D( - 33.6 Kbps	C Ådapter (barrel, slim) OM DD 13 ms isk 13 ms	73H9793 76H0139 73H9795 73H9797 02K0487 02K0506 55H6759 04K0052	FEATURES OF 380 MODELS  Quick Setup Guide System Status Indicators Plug and Play 1.0a Standby, suspend, safe suspend (RediSafe and hibernation modes US EPA Energy Star compliant		
Features of the PC Ca - Two Type III slots (s - PC Card Standard 9 - CardBus compliant (	ide by side) 5 compliant (PCI 2.1 / 32 bit) port (no Zoomed Video) PCI1131 controller				Personalization screen at startup International Warranty Service IBM SystemXtra Program 24 hour / 7 day telephone, bulletin board, fax, electronic, and Internet (http://www.pc.ibm.com) support IBM and dealer warranty/service Online Housecall (remote diagnostics)		

#### Tim ThinkPad 380E - withdrawn

IBM <sup>®</sup> ThinkPad <sup>®</sup> :	<b>380E</b> 12.1" SVGA FRSTN			
Processor type Processor upgrade L2 cache Diskette drive External FDD port CD-ROM	Pentium® MMX 150/60 M None 256 KB / write-through / d Internal 3.5" 1.44 MB / on None since diskette intern		emory	
Type - model (code) Preload (see side) Avail / withdrawn date Disk - size / ms Disk controller	2.1 GB / 13 ms / PIO Mod		All-in-one integration means the disk, diskette drive, and CD-ROM are all within the covers of the notebook; keyboard does not lift up ot removeable / upgrade only by IBM or dealer	
Display - size and type Display - techology	12.1 inch FRSTN color SVGA / 640 x 480 or 800 x Dual scan / Fast Respons 65,536 simultaneous color	e Super Twisted Nematic (FRSTN) / 150 ms / 70 nits	3	
Graphics - controller Graph - arch/data path Graphics - features	1.125 MB / iDRAM™ (emb	a128ZV™ (NM2093) /128 bit SVGA accelerator / Zoo edded) / color space conversion and interpolation i sVGA to 1024 x 768 with 256 colors RT / 150 degree tilt	omed Video support / DDC1 and DDC2B n X and Y axis / support for DCI, DirectDraw	
Memory - std / max Memory - features		44 pin EDO SO DIMM of 8, 16, 32, or 64 MB / sock	et accessed from bottom via screw	
Keyboard / # of keys External keyboard Pointing / palm rest		n key functions) / keyboard slope with Port Replicator with option cable 06G8619 or Port Replicator ock keys	WINDOWS 95 PRELOAD	
Dimensions Weight	11.8 x 9.2 x 2.4" (260 cub 6.7 pounds (3.0 kg)	ic inches)	- Microsoft Windows 95 OSR2 (FAT16) - Online User's Guide - ThinkPad Features Program	
Battery - type / life Charge time - on / off	NiMH / non-intelligent / 2.0 3.5 to 10 hrs / 2.8 hrs	hrs	- SystemSoft CardWorks™ - Diskette Factory and Utilities	
Architecture	ISA (audio, diskette, seria	EIDE, graphics, PCMCIA, Port Replicator) , parallel, infrared) PCIset / Intel 82371MX PIIX / NS PC87338	1. Artisoft CoSession™ Host 2. NetFinity for Windows 95 3. Puma TranXit™ 4. IBM Anti-Virus 5. IBM Global Network (IGN Dialer) 6. Netscape Navigator browser 7. Media Player 8. IntelliQuest Registration Mailer 9. Ergonomics 10. PointCast (with ThinkPad channel) 11. Marketing Demo 12. Voyetra Audio Station 13. Quicken SE - Lotus SmartSuite CD-ROM - Recovery CD-ROM with boot diskette	
Docking Station Port replicator  PCMCIA™ slots  Serial / parallel ports Other features	None ① ThinkPad Enhanced Po ③ ThinkPad Enhanced Po 2 Type I or 2 Type II or 1 Ty PCMCIA 2.1 compatible / F One 9 pin; 16550A / one (I	rt Replicator, ② ThinkPad 560 Port Replicator,		
Video in/out MPEG decoder Data/fax modem Audio support Audio in/out jacks	None None (software support for None 16 bit audio chip / 20 voic One internal speaker / .5 w Input/microphone jack (ste	MPEG-1 in Windows 95)  e MIDI FM Synthesis / CS4236B  vatt / dial volume control / int mic / full duplex spk/mic  ereo) / output jack (stereo) / no joystick port		
Infrared ports Security	•	/ IrDA 1.1 compatible / up to 4 Mbps disk password / security keyhole / personalization		
Preinstalled software Warranty Service options	Microsoft Windows 95 OS 1 year - ThinkPad EasySe	R2 wth applications (listed on right) rv (depot repair service) or carry-in s day (71 cities) / warranty extension to 3 or 5 years	Fn + F4 = Suspend Fn + F7 = LCD/CRT/Simultaneous Fn + F11 = Power mgmt Fn + F12 = Hibernation	
and CardBus PC Card	ement, additional I/O ports, d slots. Features include:	OPTIONS - 8 MB SO DIMM 3.3v NP EDO 64 bit 92G7340 - 16 MB SO DIMM 3.3v NP EDO 64 bit 92G7341	Easy-Setup is entered by holding F1 when turning on.	
380, PC Cards, and Port Replicator conne - USB - Serial (9 pin); paralle - External display (15 - Keyboard - Mouse - Audio in (3.5 mm) - Audio out (3.5 mm) - Joystick/MIDI port (1 - External diskette dri - Power connector (re run on battery) Features of the PC Ca - Two Type III slots Ca - PC Card Standard 9 - CardBus compliant (	ctors: el (EPP, ECP, 25 pin) pin)  15 pin) - not on system ve conntr - not on system quires AC power; can not ard slots: ide by side) 5 compliant PCI 2.1 / 32 bit) poort (no Zoomed Video) CI1131 controller	- 16 MB SO DIMM NP EDO 64 bit (new) 01K1124 - 32 MB SO DIMM 3.3v NP EDO 64 bit 92G7342 - 64 MB SO DIMM 3.3v NP EDO 64 bit 76H0268 - ThinkPad 560 Port Replicator 46H4209 - ThinkPad 380/385 Port Replicator 84G1316 - ThinkPad 380/385 Li-lon Battery (old) 73H9793 - ThinkPad 380/385 Li-lon Battery 02K6507 - 35 watt AC Adapter (barrel, slim) 76H0139 - 56 watt AC Adapter (barrel; 3 prong) 83H6739 - 8 x CD-ROM 73H9795 - 2.1 GB Disk 13 ms 73H9797 - 3.2 GB Disk 13 ms 02K0487 - 3.1 GB Disk 12 ms 02K0506 - 33.6 Kbps Modem with XJACK 55H6759 - 56K PC Card Modem/Cellular Capable 02K4196	1.08 GB = DMA Mode 2 or PIO Mode 4 1.35 GB = DMA Mode 2 or PIO Mode 4 2.1 GB = DMA Mode 2 or PIO Mode 4 3.0 GB = DMA Mode 2 or PIO Mode 4 5.1 GB = Ultra DMA/33 or PIO Mode 4  FEATURES OF 380 MODELS  Quick Setup Guide System Status Indicators Plug and Play 1.0a Standby, suspend, safe suspend (RediSafe) and hibernation modes US EPA Energy Star compliant Personalization screen at startup International Warranty Service IBM SystemXtra Program 24 hour / 7 day telephone, bulletin board, fax, electronic, and Internet (http://www.pc.ibm.com) support IBM and dealer warranty/service Online Housecall (remote diagnostics)	

IBM® ThinkPad®					
Processor type Processor upgrade L2 cache Diskette drive External FDD port CD-ROM	None 256KB / write-through / di Internal 3.5" 1.44MB / use None since diskette intern	rect mapped simultaneou al	/8ns/synchronous pipeli usly with CD-ROM/on righ	ned burst at side	memory All-in-one integration means the disk, diskette drive, and CD-ROM are all within the covers of the notebook; keyboard does not lift up able / not removable / on right side
Type - model Preload (see side) Avail / withdrawn date Disk - size / ms Disk controller	> 2635-5AU Windows 95 OSR2 September 1997 / Septem 2.1GB <sup>4</sup> / 13ms / PIO Mod	ber 1998 e 4	> 2635-6AU Windows 95 OSR2 September 1997 / Septem 3.0GB / 13ms / PIO Mod	: 2635-7AU indows 95 OSR2 eptember 1997 / September 1998 1GB / 12ms / PIO Mode 4 not removeable / upgrade only by IBM or dealer	
Display - size and type Display - techology	12.1 inch FRSTN color SVGA / 640x480 or 800x6 Dual scan / FRSTN / 150i 65,536 sim colors / 35 to 1	ms / 70 nits	12.1 inch TFT color SVGA / 640x480 or 800x6 Active Matrix TFT / 75ms 65,536 simultaneous color	/ 100 nits	contrast ratio ratio
Graphics - controller Graph - arch/data path Graphics - features	NeoMagic™ MagicGraph 1.125MB / iDRAM™ (emb PCI 2.1 / 32-bit / external S Simultaneous LCD and CF	edded) / cold SVGA to 102	or space conversion and in 4 x 768 with 256 colors	elerator / Zo terpolation i	omed Video support / DDC1 and DDC2B n X and Y axis / support for DCI, DirectDraw
Memory - std / max Memory - features	16MB / 80MB / non-parity 1 socket for one JEDEC 1			64MB / sock	et accessed from bottom via screw
Keyboard / # of keys External keyboard Pointing / palm rest		t with option (	ns) / keyboard slope with Po cable 06G8619 or Port Rep		WINDOWS 95 PRELOAD16
Dimensions Weight <sup>2</sup>	11.8 x 9.2 x 2.4" (260 cub 7.0 pounds (3.2 kg)				<ul> <li>Microsoft Windows 95 OSR2 (FAT16)</li> <li>Online User's Guide</li> <li>ThinkPad Features Program</li> </ul>
Battery - type / life <sup>10</sup> Charge time - on / off	Li-lon / non-intelligent / 2.0 4.2 to 12 hrs / 3.3 hrs	hrs	Li-Ion / non-intelligent / 2.5	hrs	<ul> <li>SystemSoft CardWorks™</li> <li>Diskette Factory and Utilities</li> </ul>
Architecture	PCI 2.1 / 32-bit / 33MHz (I ISA (audio, diskette, seria	I, parallel, inf	cs, PCMCIA, Port Replica rared) I 82371MX PIIX / NS PC87		Artisoft CoSession™ Host     NetFinity for Windows 95     Puma TranXit™
Docking Station Port replicator PCMCIA™ slots Serial / parallel ports	None ① ThinkPad Enhanced Po ③ ThinkPad 380/385 Port I 2 Type I or 2 Type II or 1 T; PCMCIA 2.1 compatible / F	rt Replicator, Replicator ype III <b>/ Zoor</b> PC Card Stan	IBM Anti-Virus     IBM Global Network (IGN Dialer)     Netscape Navigator browser     Media Player     IntelliQuest Registration Mailer     Ergonomics		
Other features Video in/out MPEG decoder Data/fax modem Audio support Audio in/out jacks	One 9 pin; 16550A / one (IEEE P1284-A, EPP, ECP, bidirectional) APM-aware BIOS / Universal AC adapter; barrel (35 or 56 watts)  None None (software support for MPEG-1 in Windows 95) None 16-bit audio / 20 voice MIDI FM Synthesis / Crystal Semiconductor™ CS4236B One internal speaker / .5 watt / dial volume control / int mic / full duplex spk/mic			PointCast (with ThinkPad channel) Marketing Demo Voyetra Audio Station Quicken SE Lotus® SmartSuite CD-ROM Recovery CD-ROM with boot diskette Windows 95 CD-ROM (no installation)	
Infrared ports	Infrared port on left side	/ IrĎA 1.1 co	<u> </u>		Fn + F2 = Battery guage Fn + F3 = Standby
Preinstalled software Limited warranty <sup>11</sup> Service options <sup>15</sup>	Microsoft® Windows® 95 C 1 year - ThinkPad EasySe	SR2 wth apperv (door-to-d	ord / security keyhole / persolications (listed on right) loor depot repair service) or es) / warranty extension to	r carry-in	Fn+F4 = Suspend Fn+F7 = LCD/CRT/Simultaneous Fn+F11 = Power mgmt Fn+F12 = Hibernation
	ced Port Replicator ement, additional I/O ports, d slots. Features include:		OPTIONS DIMM 3.3v NP EDO 64-bit DIMM 3.3v NP EDO 64-bit	92G7340 92G7341	Easy-Setup is entered by holding F1 when turning on.
- Dual IBM lock slots t 380, PC Cards, and I Port Replicator conne - USB - Serial (9 pin), paralle	ctors:	-16MB SO DIMM NP 64-bit (new) 01K1124 -32MB SO DIMM 3.3v NP EDO 64-bit 92G7342 -64MB SO DIMM 3.3v NP EDO 64-bit 76H0268 -ThinkPad 560 Port Replicator 46H4209		1.08GB = DMA Mode 2 or PIO Mode 4 1.35GB = DMA Mode 2 or PIO Mode 4 2.1GB = DMA Mode 2 or PIO Mode 4 3.0GB = DMA Mode 2 or PIO Mode 4 5.1GB = Ultra DMA/33 or PIO Mode 4	
- External display (15 - Keyboard - Mouse - Audio in (3.5 mm) - Joystick/MIDI port (1 - External diskette driv - Power connector (re run on battery) Features of the PC Ca - Two Type III slots (s - PC Card Standard 9: - CardBus compliant (	pin) 5 pin) - not on system 7 c conntr - not on system 9 quires AC power; can not 1 ard slots: 1 de by side) 5 compliant 1 PCI 2.1 / 32-bit) 1 poport (no Zoomed Video) 1 Cl1131 controller	- ThinkPac - ThinkPac - 35 watt A - 56 watt AR - 8X CD-R - 2.1GB Di - 3.2GB Di - 5.1GB Di - 33.6Kbps	d Enhanced Port Replicator d 380/385 Li-Ion Battery (old) d 380/385 Li-Ion Battery C Adapter (barrel; slim) C Adapter (barrel; 3 prong) OM isk 13ms isk 13ms		FEATURES  Quick Setup Guide System Status Indicators Plug and Play 1.0a Standby, suspend, safe suspend (RediSafe), and hibernation modes ENERGY STAR compliant Personalization screen at startup International Warranty Service¹⁴ IBM SystemXtra™ 24 hour / 7 day telephone³⁰, bulletin board, fax, electronic, and Internet (www.ibm.com/pc/us) support IBM and dealer warranty/service Online Housecall (remote diagnostics)

IBM® ThinkPad®					
Processor type Processor features L2 cache Diskette drive External FDD port CD-ROM	No upgrade / processor, I 512KB / write-through / di Internal 3.5" 1.44MB / use None since diskette intern	33/66 or 266/66MHz <sup>1</sup> / 64-bit to L2 cache and memo .2 cache, and MTXC (North Bridge) on Intel Mobile I rect mapped / 8.5ns data; 15ns tag / sync pipelined simultaneously with CD-ROM / on right side al 5 speed / CAV / multi-session / XA / ATAPI / bootable	Module disk, diskette drive, and CD-ROM are all within the covers of the notebook; removable disk; keyboard does not lift up		
Type - model Processor Preload (see side) Avail / withdrawn date Disk - size / ms Disk controller	2635-8AU 233/66MHz Windows 95 OSR2 March 1998 / September 1 3.2GB <sup>4</sup> / 13ms / PIO Mod	2635-BAU (Auth Assb Prog) 233/66MHz None 998 March 1998 / Sept 1998 March 1998 /	2635-AAU 266/66MHz 266/66MHz Windows 95 OSR2 / Sept 1998 as / PIO 4  2635-AAU 266/66MHz Windows 95 OSR2 March 1998 / Sept 1998 5.1GB / 12ms / PIO Mode 4		
Display - size and type Display - techology	<b>SVGA</b> / 640x480 or 800x6 Dual scan / HPA / 150ms /		contrast ratio ratio		
Graphics - controller Graph - arch/data path Graphics - features	2MB / iDRAM™ (embedde	a128XD™ (NM2160B) /128-bit SVGA accelerator / Z ed) / color space conversion and interpolation in X a SVGA to 1024x768 with 65,536 colors RT / 150 degree tilt			
Memory - std / max Memory - features	32MB / 96MB / non-parity 1 socket for one JEDEC 1	/ 3.3 volt / EDO / 60ns 44 pin EDO SO DIMM of 8, 16, 32, or 64MB / socke	et accessed from bottom via screw		
Keyboard / # of keys External keyboard Pointing / palm rest	Full size alp/num / 85 (6 F	n key functions) / keyboard slope with Port Replicator with option cable 06G8619 or Port Replicator	WINDOWS 95 PRELOAD <sup>16</sup> - Microsoft Windows 95 OSR2.1 (FAT16)		
Dimensions/weight <sup>2</sup>	,	ic inches) / 7.1 pounds (3.2 kg)	Online User's Guide		
Battery - type / life <sup>10</sup> Charge time - on / off	Li-lon / non-intelligent / 8 4.2 to 12 hrs / 3.3 hrs	AU: 3.5 hrs; 9AU: 4.5 hrs; AAU: 4.0 hrs	<ul> <li>ThinkPad Configuration Program</li> <li>SystemSoft CardWorks™</li> </ul>		
Architecture	PCI 2.1 / 32-bit / 33MHz (EIDE, graphics, PCMCIA, USB) ISA (audio, diskette, serial, parallel, infrared) / NS PC97338 (FDC, IR, I/O) Intel Triton 430TX PCIset / Intel PIIX4 (EIDE, USB, PCI to ISA bridge)  Texas Instruments® TI1250A PCMCIA controller  • Diskette Factory and Utilities • Artisoft ConfigSafe • NetFinity for Windows 95 • Puma TranXi™  IDMA 15 / 6 / 8 / 9 / 9 / 9 / 9 / 9 / 9 / 9 / 9 / 9				
Docking station Port replicator	None	rt Replicator, © ThinkPad 560 Port Replicator,	IBM Anti-Virus     IBM Global Network (IGN Dialer)     Netscape Navigator browser     Intel LANDesk Client Manager (via web)     IntelliQuest Registration Mailer     Ergonomics     PointCast (with ThinkPad channel)		
PCMCIA™ slots  USB / serial / parallel  Other features	PCMCIA 2.1 compatible / One USB / one 9 pin; 165	Fype III / CardBus 32-bit PCI / Zoomed video PC Card Standard 95 50A / one (IEEE P1284-A, EPP, ECP, bidirectional) sal AC adapter; barrel (56 watts)			
Video in/out MPEG decoder Data/fax modem Audio Speakers Audio features Audio in/out jacks Infrared ports	None None (software support for None 16-bit / CS4237B / SRS 3 Two front stereo speakers Dial volume control (left so Input/microphone jack (st	or MPEG-1 in Windows 95)	Marketing Demo     Tivoli Lightweight Client Framework     ThinkPad on the Net     Personalization Editor     ThinkPad Customization     Lotus SmartSuite 97     Recovery CD-ROM with boot diskette     Windows 95 CD-ROM (no installation)		
Security	Power-on password / sup	ervisor password / hard disk password /	3.2GB = DMA Mode 2 or PIO Mode 4		
Preinstalled software Limited warranty <sup>11</sup> Service options <sup>15</sup>	1 year - ThinkPad EasySe	inzation screen at startup SR2 wth applications (listed on right) or (door-to-door depot repair service) or carry-in s day (71 cities) / warranty extension to 3 or 5 years	4.0GB = DMA Mode 2 or PIO Mode 4 5.1GB = Ultra DMA/33 or PIO Mode 4 All disks are SMART compliant		
The <b>ThinkPad Enhar</b> provide cable manage and CardBus PC Card - Dual IBM lock slots to	nced Port Replicator ement, additional I/O ports, d slots. Features include: o secure the ThinkPad,	OPTIONS  - 8MB SO DIMM 3.3v NP EDO 64-bit 92G7340 - 16MB SO DIMM 3.3v NP EDO 64-bit 92G7341 - 16MB SO DIMM NP EDO 64-bit (new) 01K1124	- Fn + F2 = Battery guage Fn + F3 = Standby Fn + F4 = Suspend Fn + F7 = LCD/CRT/Simultaneous Fn + F11 = Power mgmt Fn + F12 = Hibernation		
External diskette driver and the power connector (reformed and the power connector (reformed and the power connector)     Features of the PC Cand Type III slots (see PC Card Standard 9ee CardBus compliant (	ctors: parallel (25 pin) pin) e dd audio out (3.5 mm) 5 pin) - not on system ve conntr - not on system quires AC power; can not ard slots: ide by side) 5 compliant PCI 2.1/32-bit) poort (no Zoomed Video) CI1131 controller	- 32MB SO DIMM 3.3v NP EDO 64-bit - 64MB SO DIMM 3.3v NP EDO 64-bit - ThinkPad 560 Port Replicator - ThinkPad 380/385 Port Replicator - ThinkPad 380/385 Li-lon Battery (old) - 4.0GB disk, 13ms (ozk6507) - 4.0GB disk, 13ms (ozk6507) - 4.0GB disk, 13ms (ozk6507) - 4.0GB disk, 13ms (ozk6507) - 56K PC Card Modem With XJACK (ozk6507) - 56K PC Card Modem Kit (ozk6052) - 56K PC Card Modem Kit (ozk6052) - 10/100 Ethernet CardBus PC Card (ozk4196) - 10/100 Ethernet CardBus PC Card (ozk613147)	FEATURES Wired for Management 1.1a DMI 2.0 compliant PC 97 compliant Setup Guide and User's Guide System Status Indicators Plug and Play 1.0a Standby, suspend, safe suspend (RediSafe) and hibernation modes ENERGY STAR compliant International Warranty Service <sup>14</sup> IBM SystemXtra <sup>TM</sup> 24 hour / 7 day telephone <sup>30</sup> , bulletin board, fax, electronic, and Internet (www.ibm.com/pc/us) support IBM and dealer warranty/service		

# ThinkPad 385D (Retail models) - withdrawn

IBM® ThinkPad®:	<b>385D</b> 12.1" SVGA DSTN or TFT					
Processor type Processor upgrade L2 cache Diskette drive External FDD port CD-ROM	None 256 KB / write-through / di Internal 3.5" 1.44 MB / use None since diskette interna	Pentium® 150/60 MHz or 150/60 MHz with MMX <sup>™</sup> technology/ 64 bit transfer to L2 cache / 64 bit transfer to memory None 256 KB / write-through / direct mapped / 8 ns / synchronous pipelined burst Internal 3.5" 1.44 MB / use simultaneously with CD-ROM / on right side None since diskette internal 5.25" CD-ROM / 8 x speed / multi-session / XA / ATAPI / not bootable / not removable / on right side				
Type - model Preload (see side) Avail / withdrawn date Pentium speed Disk - size / ms Disk controller	2635-2EU Windows 95 OSR2 May 1997 / January 1998 150/60 MHz 1.35 GB / 13 ms / PIO Mod EIDE / PCI 2.1 / supports of		2635-3EU Windows 95 OSR2 May 1997 / January 1998 150/60 MHz with MMX ted 2.1 GB / 13 ms / PIO Modisk / no DMA or busmaste	de 4	All-in-one integration means the disk, diskette drive, and CD-ROM are all within the covers of the notebook; keyboard does not lift up of removeable / upgrade only by IBM or dealer	
Display - size and type Display - techology	12.1 inch DSTN color SVGA / 640 x 480 or 800 x Dual scan 65,536 sim colors / 30 to 1		12.1 inch TFT color SVGA / 640 x 480 or 800 : Black Matrix TFT - active 65,536 simultaneous color	matrix	contrast ratio ratio	
Graphics - controller Graph - arch/data path Graphics - features	NeoMagic™ MagicGraph	128ZV™ (NN edded) / cold VGA to 1024	M2093) /128 bit SVGA acce or space conversion and in x 768 with 256 colors	elerator / Zoo	med Video support / DDC1 and DDC2B n X and Y axis / support for DCI, DirectDraw	
Memory - std / max Memory - features	16 MB / 80 MB / non-parity			4 MB / socke	et accessed from bottom via screw	
Keyboard / # of keys External keyboard Pointing / palm rest	Full size alp/num / 85 (6 Fn External keyboard support TrackPoint III™ / no drag lo	key function with option c ock keys	as) / keyboard slope with Po able 06G8619 or Port Repli	rt Replicator	WINDOWS 95 PRELOAD  - Microsoft Windows 95 OSR2 (FAT16)  - Lotus SmartSuite	
Dimensions Weight  Battery - type / life	11.8 x 9.2 x 2.4" (260 cubi 7.1 pounds (3.2 kg) NiMH / non-intelligent / 2.0		6.9 pounds (3.1 kg) Li-lon / non-intelligent / 2.6	hrs	<ul> <li>WordPro Word Processor</li> <li>1-2-3 Spreadsheet</li> <li>Freelance Graphics</li> <li>Approach Database</li> </ul>	
Charge time - on / off Architecture	3.5 to 9 hrs / 2.5 to 3.5 hrs  PCI 2.1 / 32 bit / 33 Mhz (EIDE, graphics, PCMCIA, Port Replicator) ISA (audio, diskette, serial, parallel, infrared) Intel® Mobile Triton 82430 PCIset / Intel 82371MX PIIX / NS PC87338 None  ① ThinkPad Enhanced Port Replicator, ② ThinkPad 560 Port Replicator ③ ThinkPad 380/385 Port Replicator  3 ThinkPad 380/385 Port Replicator					
Docking Station Port replicator						
PCMCIA™ slots  Serial / parallel ports  Other features	2 Type I or 2 Type II or 1 Type III / Zoomed Video support in lower slot / PCMCIA 2.1 compatible / PC Card Standard 95 / Cirrus Logic CL-PD6729 (PCI One 9 pin; 16550A / one (IEEE P1284-A, EPP, ECP, bidirectional) APM-aware BIOS / Universal AC adapter; barrel (35 watts) / Selectable boot				- CD Audio Player - MIDI Sequencer - Quicken SE	
Video in/out MPEG decoder Data/fax modem Audio support  Audio in/out jacks Infrared ports	None None None 16 bit audio chip / 20 voice One internal speaker / .5 w	e MIDI FM Syr att / dial volu reo) / output	nthesis / Crystal Semiconduct me control / internal mic / fu jack (stereo) / no joystick po	or™ CS4236 III duplex	Expensable     Wall Street Money SE     National Golf Course Directory     Rand McNally's Trip Maker     IBM Anti-Virus     IBM Online Housecall     IBM Update Connector     IntelliLink Connect	
Security	Power-on password / Hard	l disk passwo	ord / security keyhole		- TranXit - Online User's Guide	
Preinstalled software Warranty		rv (optional C	vernight Repair Option) or	carry-in	SystemSoft Card Works     Password Protected Marketing Demo	
and CardBus PC Card  - Dual IBM lock slots t 385D, PC Cards, and Port Replicator conne - USB - Serial (9 pin); paralle	ement, additional I/O ports, d slots. Features include: to secure the ThinkPad d Port Replicator ctors:	-8 MB SO I -16 MB SO -32 MB SO -64 MB SO - ThinkPad - ThinkPad	DIMM 3.3v NP EDO 64 bit 560 Port Replicator 380/385 Port Replicator Enhanced Port Replicator	<b>92G7342</b> <b>76H0268</b> 46H4209 84G1316	<ul> <li>CD-ROMs included in the Shipping Cartor</li> <li>Preload Recovery CD w/boot diskette</li> <li>Windows 95 CD (no installation)</li> <li>Picture Perfect Golf</li> </ul>	
- External diskette driv	pin) 15 pin) - not on system ve conntr - not on system quires AC power; can not	- 35 watt A0 - 8 x CD-R0 - 2.1 GB HI - 3.2 GB Di - 5.1 GB Di - 33.6 Kbps - 56K PC C	C Ádapter (slim, barrel) OM DD 13 ms sk 13 ms sk 12 ms s Modem with XJACK ard Modem Kit	76H0139 73H9795 73H9797 02K0487 02K0506 55H6759 04K0052	FEATURES OF 385D MODELS  Quick Setup Guide System Status Indicators Plug and Play 1.0a Standby, suspend, safe suspend (RediSafe) and hibernation modes US EPA Energy Star compliant Personalization screen at startup	
Features of the PC Ca - Two Type III slots (s - PC Card Standard 9 - CardBus compliant ( - 8/16 bit PC Card sup - Texas Instruments P - Requires no PCI-to-I	ide by side) 5 compliant PCI 2.1 / 32 bit) oport (no Zoomed Video) CI1131 controller	Fn+F3 = Fn+F4 = Fn+F7 = Fn+F11 =	g on.  = Battery guage = Standby = Suspend = LCD/CRT/Simultaneous = Power mgmt = Hibernation		International Warranty Service 24 hour / 7 day telephone, bulletin board, fax, electronic, and Internet (http://www.pc.ibm.com) support IBM and dealer warranty/service Online Housecall (remote diagnostics)	

#### III ThinkPad 385ED (Retail models) - withdrawn

IBM <sup>®</sup> ThinkPad <sup>®</sup> :	<b>385ED</b> 12.1" SVGA Fast Response	e STN or Ad	ctive Matrix / 20x max variab	le speed CD	-ROM	
Processor type Processor upgrade L2 cache Diskette drive External FDD port CD-ROM	Pentium® MMX™ 166/66 MHz / 64 bit transfer to L2 cache / 64 bit transfer to memory None 256 KB / write-through / direct mapped / 8 ns / synchronous pipelined burst Internal 3.5" 1.44 MB / use simultaneously with CD-ROM / on right side None since diskette internal 5.25" CD-ROM / 20x max variable speed / CAV / multi-session / XA / ATAPI / not boots					All-in-one integration means the disk, diskette drive, and CD-ROM are all within the covers of the notebook; keyboard does not lift up able / not removable / on right side
Type - model (code) UPC code Preload (see side) Avail / withdrawn date Disk - size / ms Disk controller	2635-5EU 087944350163 Windows 95 OSR2 September 1997 / July 199 2.1 GB / 13 ms / PIO Mode EIDE / PCI 2.1 / supports of	e 4	2635-6EU 087944343660 Windows 95 OSR2 September 1997 / July 199 3.0 GB / 13 ms / PIO Mod disk / no DMA or busmaste	le 4	ot remove	eable / upgrade only by IBM or dealer
Display - size and type Display - techology	<b>12.1</b> inch Fast Response 6 SVGA / 640 x 480 or 800 x Dual scan / FRSTN / 150 r 65,536 sim colors / 35 to 1 6	600 ns / 70 nits	12.1 inch Active color SVGA / 640 x 480 or 800 x Active Matrix TFT / 75 ms 65,536 simultaneous colors	/ 100 nits	ontrast ra	tio ratio
Graphics - controller Graph - arch/data path Graphics - features	NeoMagic™ MagicGraph 1.125 MB / iDRAM™ (ember PCI 2.1 / 32 bit / external S' Simultaneous LCD and CR	edded) / col VGA to 102	or space conversion and int 4 x 768 with 256 colors	elerator / Zoo terpolation ir	med Viden X and Y	eo support / DDC1 and DDC2B axis / support for DCI, DirectDraw
Memory - std / max Memory - features	16 MB / 80 MB / non-parity 1 socket for one JEDEC 14		EDO SO DIMM of 8, 16, 32, or 6	4 MB / socke	et access	sed from bottom via screw
Keyboard / # of keys External keyboard Pointing / palm rest	Full size alp/num / 85 (6 Fn	key functio	ns) / keyboard slope with Pocable 06G8619 or Port Repli	rt Replicator	- Micro	WINDOWS 95 PRELOAD  posoft Windows 95 OSR2 (FAT16) as SmartSuite 97
Dimensions Weight	11.8 x 9.2 x 2.4" (260 cubic 7.1 pounds (3.2 kg)	c inches)			- Wo	rdPro Word Processor -3 Spreadsheet
Battery - type / life Charge time - on / off	Li-lon / non-intelligent / 2.0 l 4.2 to 12 hrs / 3.3 hrs	telligent / 2.0 hrs Li-Ion / non-intelligent / 2.5 hrs - Freelance Graphics - Approach Database - Organizer Scheduler - ScreenCam - Freelance Graphics - Approach Database - Organizer Scheduler - ScreenCam - Freelance Graphics - Freelance Graphics - Approach Database - Organizer Scheduler - ScreenCam - Freelance Graphics - Freelance Graphics - Freelance Graphics - Approach Database - Organizer Scheduler - ScreenCam - Freelance Graphics - Approach Database - Organizer Scheduler - ScreenCam - Freelance Graphics - Approach Database - Organizer Scheduler - ScreenCam - Freelance Graphics - Approach Database - Organizer Scheduler - ScreenCam - Freelance Graphics - Approach Database - Organizer Scheduler - ScreenCam - Freelance Graphics - Approach Database - Organizer Scheduler - ScreenCam - Freelance Graphics - Approach Database - Organizer Scheduler - ScreenCam - Freelance Graphics - Approach Database - Organizer Scheduler - ScreenCam - Freelance Graphics - Approach Database - Organizer Scheduler - ScreenCam - Freelance Graphics - Approach Database - Organizer Scheduler - ScreenCam - Freelance Graphics - Approach Database - Organizer Scheduler - ScreenCam - Freelance Graphics - Approach Database - Organizer - ScreenCam - Freelance Graphics - Approach Database - Organizer - ScreenCam - Freelance Graphics - Organizer - ScreenCam - Freelance Graphics - Organizer - ScreenCam - Freelance Graphics - Organizer - Freelance Graphics - Organizer - Or				
Architecture	ISA (audio, diskette, serial,					
Docking Station Port replicator	None	Replicator	, ② ThinkPad 560 Port Replic		<ul> <li>Diskette factory and utilities</li> <li>ThinkPad customization icon</li> <li>IntelliQuest Registration Mailer</li> <li>Voyetra Audio Station</li> </ul>	
PCMCIA™ slots Serial / parallel ports	PCMCIA 2.1 compatible / Pc	C Card Star	med Video support in lowendard 95 / Cirrus Logic CL-Pl A, EPP, ECP, bidirectional)	r slot / 06729 (PCI)	- IBM - NetS	Global Network (IGN) cape Navigator Browser
Other features .	APM-aware BIOS / Univers	al AC adap	ter; barrel (35 or 56 watts)		- Medi	, AT&T WorldNet, CompuServe a Player
Video in/out MPEG decoder Data/fax modem Audio support	None None (software support for None 16 bit audio chip / 20 voice One internal speaker / .5 w.	MIDI FM Sy	,	lex spk/mic	- Vid - CD	ive Movie (MPEG-1, AVI) eo for Windows Audio Player DI Sequencer ken SE
Audio in/out jacks Infrared ports	Input/microphone jack (ster Infrared port on left side /	reo) / output I <b>IrDA 1.1 c</b> o	i jack (stereo) / no joystick po ompatible / up to 4 Mbps	ort '	- Expe	nsable Street Money SE
Security	· · · · · · · · · · · · · · · · · · ·		ord / security keyhole / perso	onalization		onal Golf Course Directory d McNally's Trip Maker
Preinstalled software Warranty	Microsoft Windows 95 OSF 1 year - ThinkPad EasySer		cations (listed on right) depot repair service) or carry	/-in	- IBM	Anti-Virus Online Housecall
provide cable manage	nced Port Replicator ement, additional I/O ports, d slots. Features include:		OPTIONS DIMM 3.3v NP EDO 64 bit D DIMM 3.3v NP EDO 64 bit	92G7340 92G7341	- IBM   - Tran - Onlir	Update Connector
- Dual IBM lock slots 385, PC Cards, and	to secure the ThinkPad Port Replicator	- 16 MB S0 - 32 MB S0	D DIMM NP EDO 64 bit (new) D DIMM 3.3v NP EDO 64 bit	01K1124 92G7342	- Point	tCast word Protected Marketing Demo
Port Replicator conne - USB - Serial (9 pin), paralle - External display (15 - Keyboard	el (EPP, ECP, 25 pin)	<ul><li>ThinkPad</li><li>ThinkPad</li><li>ThinkPad</li><li>ThinkPad</li></ul>	D DIMM 3.3v NP EDO 64 bit 1560 Port Replicator 1380/385 Port Replicator Enhanced Port Replicator 1380/385 Li-lon Battery (old)	46H4209 84G1316 11J8997 73H9793	- Pre - Wir	ROMs included in the shipping carton cload Recovery CD w/boot diskette ndows 95 CD (no installation) ture Perfect Golf
- Mouse - Audio in (3.5 mm) - Audio out (3.5 mm) - Joystick/MIDI port (10 cm) - External diskette dri	15 pin) - not on system ve conntr - not on system guires AC power; can not	- 35 watt A - 56 watt A - 2.1 GB D - 3.2 GB D - 5.1 GB D	isk 13 ms	02K6507 76H0139 83H6739 73H9797 02K0487 02K0506 55H6759	Quick S System Plug ar	FEATURES OF 385 MODELS Setup Guide n Status Indicators nd Play 1.0a y, suspend, safe suspend (RediSafe),

- 33.6 Kbps Modern with XJACK

- 56K PC Card Modem Kit

55H6759

04K0052

Standby, suspend, safe suspend (RediSafe), and hibernation modes US EPA Energy Star compliant Personalization screen at startup International Warranty Service 24 hour / 7 day telephone, bulletin board, fax, electronic, and Internet (http://www.pc.ibm.com) support IBM and dealer warranty/service Online Housecall (remote diagnostics)

run on battery)

IBM <sup>®</sup> ThinkPad <sup>®</sup>						
Processor type Processor features L2 cache Diskette drive External FDD port CD-ROM	No upgrade / processor, I 512KB / sync pipelined b Internal 3.5" 1.44MB / use None since diskette intern		orth Bridge) on Mo 133MHz for Pent right side	obile Module tium II)		
Type - model UPC code Processor Avail / withdrawn date Disk - size / ms Disk controller	5.25" CD-ROM / 24X-10X <sup>5</sup> speed / CAV / multi-session / XA / ATAPI / bootable / not removable / on right side  2635-8EU 0-87944-40513-9 0-87944-40514-6 Pentium 233/66MHz March 1998 / Sept 1998 2.1GB <sup>4</sup> / 13ms / PIO Mode 4 EIDE / PCI 2.1 / supports one internal disk / no DMA or busmaster support / disk can be removed and upgraded by custome					
Display - size and type Display - techology	<b>SVGA</b> / 640x480 or 800x	formance Addressing) <b>color</b> 600 / 150ms / 100 nits / <b>us colors</b> / 50 to 1 contrast	SVGA / 640x480	olor / Active Matrix 0 or 800x600 / 75ms / 100 nits nultaneous colors / 100 to 1 contrast		
Graphics - controller Graph - arch/data path Graphics - features	2MB / iDRAM™ (embedde	ed) / color space conversion and into SVGA to 1024x768 with 65,536 colo	erpolation in X an	pomed Video support / DDC1 and DDC2B d Y axis / support for DCI, DirectDraw		
Memory - std / max Memory - features Keyboard / # of keys External keyboard Pointing / palm rest	32MB / 96MB / non-parity 1 socket for one JEDEC <sup>2</sup> Full size alp/num / 85 (6 F External keyboard suppo TrackPoint III™ / no drag	r / 3.3 volt / EDO / 60ns 44 pin EDO SO DIMM of 8, 16, 32, n key functions) / keyboard slope wit rt with option cable 06G8619 or Port lock keys	h Port Replicator Replicator	WINDOWS 95 PRELOAD <sup>16</sup> - Microsoft Windows 95 OSR2.1 (FAT16)  • Internet Explorer 4.0  • Online User's Guide  • ThinkPad Configuration Program		
Dimensions / weight <sup>2</sup> Battery - type / life <sup>10</sup> Charge time - on / off	11.8 x 9.2 x 2.4" (260 cul Li-lon / non-intelligent / 3. 4.2 to 12 hrs / 3.3 hrs	oic inches) / 8EU/9EU: 7.1 pounds; 0 hrs	DEU: 7.2 lbs	<ul> <li>SystemSoft CardWorks™</li> <li>Diskette Factory and Utilities</li> <li>Artisoft ConfigSafe</li> </ul>		
Architecture	Intel® Triton 430TX, PIIX4 PIIX4 (EIDE, USB, PCI to PCI 2.1 / 32-bit / 33MHz (	for Pentium systems / Intel 440BX ISA bridge)TI® TI1250A PCMCIA c EIDE, graphics, PCMCIA, USB) II, parallel, infrared) / NS PC97338 (	ontroller	Update Connector     Puma TranXit™     IBM Anti-Virus     IBM Global Network (IGN Dialer)		
Docking station Port replicator	None ① ThinkPad Enhanced Po ③ ThinkPad 380/385 Port	ort Replicator, @ ThinkPad 560 Port Replicator	Replicator,	Netscape Navigator browser     Media Player     IntelliQuest Registration Mailer     Fragonomics		
PCMCIA™ slots  USB / serial / parallel	2 Type I or 2 Type II or 1 PCMCIA 2.1 compatible / One USB / one 9 pin; 165	Ergonomics     PointCast (with ThinkPad channel)     Marketing Demo     Expensable				
Other features Video in/out MPEG decoder Data/fax modem Audio Speakers Audio features Audio in/out jacks Infrared ports	None None (software support for 56KB PC Card Modem / 16-bit / CS4237B / SRS 3 Two front stereo speaker Dial volume control (left so Input/microphone jack (st	rsal AC adapter; barrel (56 watts)/3 or MPEG-1 in Windows 95) Cellular Capable / x2 / XJACK conr BD audio / FM synthesis s (.5 watt) / one subwoofer above ke ide) / internal microphone / full duple ereo) / output jack (stereo) / no joys IrDA 1.1 compatible / up to 4Mbps	necor (02K4196) eyboard (1 watt) ex spk/mic	ThinkPad on the Net Personalization Editor ThinkPad Customization Lotus SmartSuite 97 Voyetra Audio Station Rand McNally's Trip Maker Quicken 98 (subject to change) EA Sports PGA Tour Golf CD-ROM Recovery CD-ROM with boot diskette		
Security	Power-on password / sup security keyhole / persona	ervisor password / hard disk passw alization screen at startup	ord /	<ul><li>♦ Windows 95 CD-ROM (no installation)</li><li>3.2GB = DMA Mode 2 or PIO Mode 4</li></ul>		
Preinstalled software Limited warranty <sup>11</sup> Service options <sup>15</sup>	1 year - ThinkPad EasyS	DSR2.1 wth applications (listed on ri erv (door-to-door depot repair servic is day (71 cities) / warranty extensic	ce) or carry-in	4.0GB = DMA Mode 2 or PIO Mode 4 5.1GB = Ultra DMA/33 or PIO Mode 4 All disks are SMART compliant		
and CardBus PC Card  - Dual IBM lock slots t PC Cards, and Port F Port Replicator conne  - USB, serial (9 pin), p - External display (15  - Keyboard and mous  - Audio in (3.5 mm) ar  - Joystick/MIDI port (1  - External diskette driv  - Power connector (re run on battery)  Features of the PC Ca  - Two Type III slots (2  - PC Card Standard 9  - CardBus compliant (	ement, additional I/O ports, d slots. Features include: o secure the ThinkPad, Replicator ctors: parallel (25 pin) pin) e end audio out (3.5 mm) 5 pin) - not on system quires AC power; can not ard slots: ide by side) 5 compliant PCI 2.1 / 32-bit) port (no Zoomed Video)	OPTIONS  - 8MB SO DIMM 3.3v NP EDO 64 16MB SO DIMM 3.3v NP EDO 64 16MB SO DIMM 3.3v NP EDO 64 16MB SO DIMM NB EDO 64-bit ( - 32MB SO DIMM 3.3v NP EDO 64 64MB SO DIMM 3.3v NP EDO 64 ThinkPad 560 Port Replicator - ThinkPad 380/385 Port Replicator - ThinkPad 380/385 Li-lon Battery ( - ThinkPad 380/385 Li-lon Battery ( - 56 watt AC Adapter (barrel; 3 professed) - 6.4GB disk, 13ms, Ultra DMA/33 33.6Kbps Modem with XJACK 56K PC Card Modem Kit 56K PC Card Modem/Cellular Cap  Easy-Setup is entered by holding Fiturning on.	I-bit 92G7341 new)01K1124 I-bit 92G7342 I-bit 76H0268 46H4209 r 84G1316 tor 11J8997 old) 73H9793 o2K6507 ng) 83H6739 o2K0518 55H6759 o4K0052 pable 02K4196	Fn + F2 = Battery guage Fn + F3 = Standby Fn + F4 = Suspend Fn + F7 = LCD/CRT/Simultaneous Fn + F11 = Power mgmt Fn + F12 = Hibernation  FEATURES  DMI 2.0 compliant (via software upgrade) PC 97 compliant Wired for Management 1.1a Setup Guide, User's Guide, Options by IBM catalog, Windows 95 book System Status Indicators Plug and Play 1.0a Standby, suspend, safe suspend (RediSafe), and hibernation modes ENERGY STAR compliant International Warranty Service <sup>14</sup> 24 hour / 7 day telephone <sup>20</sup> , bulletin board, fax, electronic, and Internet (www.ibm.com/pc/us) support		
- Requires no PCI-to-I		turning ori.		IBM and dealer warranty/service		

# Time ThinkPad® 385XD (Windows 98) - withdrawn

IBM <sup>®</sup> ThinkPad <sup>®</sup>			
Processor type Processor features L2 cache Diskette drive External FDD port CD-ROM	512KB / synchronous pip Internal 3.5" 1.44MB / use None since diskette intern	rocessor, L2 cache, and memory controller (North elined burst (66MHz) esimultaneously with CD-ROM / on right side	
Type - model UPC code Avail / withdrawn date Disk - size / ms Disk - partitioning Disk controller	Partitioned as C: (2GB - F	dr 98 th	I-in-one integration means the disk, diskette ive, and CD-ROM are all within the covers o e notebook; removable disk; yboard does not lift up lisk can be removed and upgraded by custome
Display - size and type Display - techology	12.1 inch TFT color / Act SVGA / 640x480 or 800x 16.7 million simultaneou	600 / 75ms / 100 nits	
Graphics - controller  Graph - arch/data path Graphics - features	NeoMagic™ MagicGrap 2MB / iDRAM™ (embedde	n128XD™ (NM2160B) / 128-bit SVGA accelerator ed) / color space conversion and interpolation in X SVGA to 1024x768 with 65,536 colors at 75Hz	/ Zoomed Video support / DDC1 and DDC2B and Y axis / support for DCI, DirectDraw
Memory - std / max Memory - features Keyboard / # of keys External keyboard Pointing / palm rest	32MB / 96MB / non-parity 1 socket for one JEDEC 2 Full size alp/num / 85 (6 F	7/3.3 volt / EDO / 60ns 44 pin EDO SO DIMM of 16, 32, or 64MB n key functions) / keyboard slope with Port Replicator t with option cable 06G8619 or Port Replicator	windows 98 PRELOAD16  - Microsoft Windows 98 (FAT16)  Internet Explorer 4.01  Online User's Guide  ThinkPad Configuration Program
Dimensions / weight <sup>2</sup> Battery - type / life <sup>10</sup> Charge time - on / off	11.8 x 9.2 x 2.4" (260 culti-lon / non-intelligent / 3. 4.2 to 12 hrs / 3.3 hrs	oic inches) / 7.1 pounds (3.2kg) with battery/disk 5 hrs	Software Select Utility     Diskette Factory and Utilities     Artisoft ConfigSafe
Architecture	PCI 2.1 / 32-bit / 33MHz (	ISA bridge) / TI® <b>TI1250A</b> PCMCIA controller EIDE, graphics, PCMCIA, USB) II, parallel, infrared) / NS PC97338 (FDC, IR, I/O)	IBM Update Connector     Puma IntelliSync 97     Norton AntiVirus (OEM Version)     IBM Global Network™ (IGN Dialer)
Docking station Port replicator	None	ort Replicator, @ ThinkPad 560 Port Replicator,	<ul><li>Netscape Navigator browser</li><li>RingZero Fax Central</li><li>IntelliQuest Registration Mailer</li></ul>
PCMCIA™ slots	2 Type I or 2 Type II or 1	Гуре III / CardBus 32-bit PCI / Zoomed Video	<ul><li>Ergonomics</li><li>Intuit Expensable</li></ul>
USB / serial / parallel Other features		50A / one (IEEE P1284-A, EPP, ECP, bidirection; rsal AC adapter; barrel (56 watts) / 35 watt support	ThinkPad on the Net     Personalization Editor
Video in/out MPEG decoder Data/fax modem Audio Speakers Audio features Audio in/out jacks Infrared ports	56KB <sup>9</sup> PC Card Modem 16-bit / CS4237B / SRS 3 Two front stereo speake Dial volume control (left s Input/microphone jack (st	or MPEG-1 in Windows 98)  Cellular Capable / x2 / XJACK connector (02K41 BD audio / FM synthesis  (.5 watt) / one subwoofer above keyboard (1 watt ide) / internal microphone / full duplex spk/mic ereo) / output jack (stereo) / no joystick port IrDA 1.1 compatible / up to 4Mbps	Rand McNally's Trip Maker     Quicken 98     EA Sports PGA Tour Golf CD-ROM     Recovery CD-ROM with boot diskette
Security	security keyhole / persona	,	Fn + F2 = Battery guage
Preinstalled software Limited warranty <sup>11</sup> Service options <sup>15</sup>	1 year - ThinkPad EasyS	vith applications (listed on right) erv (door-to-door depot repair service) or carry-in is day (72 cities) / warranty extension to 3 or 5 yea	Fn + F3 = Standby Fn + F4 = Suspend Fn + F7 = LCD/CRT/Simultaneous Fn + F11 = Power mgmt
The ThinkPad Enhanced Port Replicator provide cable management, additional I/O ports, and CardBus PC Card slots. Features include:  - Dual IBM lock slots to secure the ThinkPad, PC Cards, and Port Replicator  Port Replicator connectors:  - USB, serial (9 pin), parallel (25 pin)  - External display (15 pin)  - Keyboard and mouse  - Audio in (3.5 mm) and audio out (3.5 mm)  - Joystick/MIDI port (15 pin) - not on system  - External diskette drive conntr - not on system  - Power connector (requires AC power; can not run on battery)  Features of the PC Card slots:  - Two Type III slots (side by side)  - PC Card Standard 95 compliant  - CardBus compliant (PCI 2.1 / 32-bit)  - 8/16-bit PC Card support (no Zoomed Video)		OPTIONS  - 16MB SO DIMM 3.3v NP EDO 64-bit 92G7341 - 16MB SO DIMM NP EDO 64-bit (new)01K1124 - 32MB SO DIMM 3.3v NP EDO 64-bit 92G734	Fn + F12 = Hibernation
		- 64MB SO DIMM 3.3v NP EDO 64-bit - ThinkPad 560 Port Replicator - ThinkPad 380/385 Port Replicator - ThinkPad Enhanced Port Replicator - ThinkPad 380/385 Li-Ion Battery (old) - ThinkPad 380/385 Li-Ion Battery - External Battery Charger - 56 watt AC Adapter (barrel; 3 prong) - 6.4GB disk, 13ms, Ultra DMA/33 - 33.6Kbps Modem with XJACK - 56K PC Card Modem Kit - 56K PC Card Modem/Cellular Capable - 64HD8 64GH2016 - 76H0268 - 46H0206 - 73H9793 - 02K6507 -	FEATURES  DMI 2.0 compliant (via software upgrade) PC 97 compliant Wired for Management 1.1a Setup Guide, User's Guide, Options by IBM catalog, Windows 95 book System Status Indicators Plug and Play 1.0a Standby, suspend, safe suspend (RediSaf and hibernation modes ENERGY STAR compliant International Warranty Service <sup>14</sup> 24 hour /7 day telephone <sup>30</sup> , bulletin
- 8/16-bit PC Card sup - Texas Instruments P - Requires no PCI-to-l	oport (no Zoomed Video) CI1131 controller	Easy-Setup is entered by holding F1 when turning on.	board, fax, electronic, and Internet (www.ibm.com/pc/us) support IBM and dealer warranty/service

IBM® ThinkPad®:	<b>≈ 560</b>	<b>≫ 560</b>	ThinkPad 560 key features:		
	11.3" Dual Scan SVGA col	or 12.1" TFT SVGA color	Next generation ultraportable notebook		
Processor type Processor upgrade L2 cache Diskette drive External FDD port CD-ROM drive	None None External 3.5" 1.44 MB (con External FDD port (works	n, 133/66 MHz / 64 bit to transfers to memory  nects to left side) / includes case with a cable with standard external diskette; no kit reqd) DEM option via PCMCIA or parallel port)			
Price Type - model Preload (see side) Avail / withdrawn date Pentium speed Disk - size / ms Disk controller		2640-E0A	Pallet of 24 2640-F0D OS/2 Warp Connect Blank 97 July 1996 / January 1997		
Display - size and type Display - techology	11.3" SVGA color / 640 x 4		color / 640 x 480 or 800 x 600 / 65,536 sim colors TFT - active matrix / 100 to 1 contrast ratio		
Graphics - controller Graph - arch/data path Gaphics - features Graphics - external	Trident™ CYBER9382 / 64 PCI 2.1 / 32 bit / 32 bit path Simultaneous LCD and CF External SVGA to 1024 x 7	bit SVGA accelerator / 1 MB fast page DRAM / 70 to memory / <b>DCI, DirectDraw, EnDIVE suppo</b> l RT / 135 degree tilt 68 w/ 256 colors	Ons rt  WINDOWS 95 PRELOAD  - Microsoft Windows 95  - Online User's Guide		
Memory - std / max Memory - features Memory - upgrade	8 MB / 40 MB (72 MB with 70 ns / non-parity / 3.3 volt 1 socket for one JEDEC 1		- ThinkPad Features Program - PC Card Director 4.0 - Diskette Factory		
Keyboard / # of keys Keyboard slope Pointing device Palm rest	TrackPoint III™ / no drag lo	d remains flat (no sloop) / opt P Replicator adds slo	4. IDM Internet Compaction Compact with		
Dimensions Weight	11.7 x 8.7 x 1.22" (124 cub 4.12 pounds (1.87 kg)	ic inches)  4.10 pounds (1.86 kg)	<ul><li>5. Puma TranXit™</li><li>6. Compuserv for Windows</li></ul>		
Battery - type Battery - life (1 batt) Charge time - on / off	Lithium Ion / intelligent 3 hours 2.5 to 3.5 hrs / 1.5 hrs		7. NetFinity for Windows 95 - Lotus SmartSuite 96 CD-ROM  OS/2 WARP CONNECT PRELOAD		
Architecture  Docking Station Port replicator PCMCIA™ 2.1 slots Serial / parallel ports Other features	ISA (audio, diskette, serial, parallel, infrared) PCI 2.1/32 bit / 33 Mhz (EIDE, graphics, PCMCIA) / Mobile Triton 82430MX None ThinkPad 560 Port Replicator 2 Type I or 2 Type II or 1 Type III One 9 pin; 16550A / one (IEEE P1284-A, EPP, ECP, bidirectional) Universal AC Adapter 2 prong (35 watts) with barrel connector / APM-aware BIOS / Selectable boot IBM BIOS  OS/2 WARP CONNECT  IBM OS/2 Warp Connect Ve WIN-OS/2 with Bonus Pak a Online User's Guide ThinkPad Features Prograr PC Card Director 4.0 Diskette Factory 1. Lotus Organizer				
Video in/out MPEG decoder DSP function Data/fax modem Audio support Jacks Telephone Infrared ports	None None None 16 bit audio chip / 18 void Int stereo speakers / .5 wai Input jack (3.5 mm) / Output None	te MIDI FM synthesis / ESS1688  tt / rotary volume control / internal microphone t jack (3.5 mm) / not full duplex speaker/mic  rDA 1.0 compatible / up to 115 Kbps	2. Puma TranXit™ 3. IntelliLink Connect 4. NetFinity for OS/2 5. Triton CoSession™ Host; - Lotus SmartSuite 4.0 (entitled to SSuite 96)  BLANK PRELOAD - License for SmartSuite		
Security	Power-on password / Lock	ing device keyhole on back / Personalization screen at startup	The optional <b>ThinkPad 560 Port Replicator</b> acts as a wedge which		
Preinstalled software Warranty	Windows 95 with application	•	attaches to the back and bottom of the		
Easy-Setup is entered turning on.	by holding F1 when	Compatible in ThinkPad 560 family: - Disks: (365/760 IDE disks not supported)			
810 MB = DMA Mod 1.08 GB = DMA Mod		1.08 GB HDD II EIDE 13 ms 46H420 - 2.1 GB HDD 14 ms 45H870 - ThinkPad 560 Port Replicator 46H420	FEATURES OF 560 MODELS		
Fn + F2 = Batteryg Fn + F3 = Standby Fn + F4 = Suspend Fn + F7 = LCD/CR Fn + F11 = Power m Fn + F12 = Hibernati	T/Simultaneous gmt	- ThinkPad 560 Li-Ion Battery Pack 46H420 - 35 watt AC Adapter - barrel/3 prong 85G67' - 35 watt AC Adapter (slim, 2 pin) 76H013' - 8 MB SO DIMM 3.3v NP EDO 64 bit 92G73 16 MB SO DIMM 3.3v NP EDO 64 bit 92G73 32 MB SO DIMM 3.3v NP EDO 64 bit 92G73-	Plug and Play 1.0a Standby, suspend, safe suspend, and hibernation modes US EPA Energy Star compliant Personalized nameplate indention		
Hardware accelerati Windows™ is integrat graphics controller; integration axis; color space conv	on of 'Video for red into the 9382 terpolation in X and Y	Disk is not removable (like 755/760 systems), but it can be upgraded via a dealer or service center (not customer installable).  System does not have non-disruptive battery	Personalization screen at startup International Warranty Service 24 hour / 7 day telephone, bulletin board, fax, electronic, and Internet (http://www.pc.ibm.com) support		
enabled	.c.c.on when bot	exchange. Battery can be changed while system is off, in hibernation, or under AC power.	IBM and dealer warranty/service		

# Time ThinkPad 560 (1997 models) - withdrawn

IBM <sup>®</sup> ThinkPad <sup>®</sup> :	<b>×</b> 560	<b>×</b> 560	ThinkPad 560 key features:
Processor type Processor upgrade L2 cache Diskette drive External FDD port CD-ROM drive Code name	None None External 3.5" 1.44 MB (co External FDD port (works	or 12.1" TFT SVGA color 4 bit to transfers to memory  nnects to left side) / includes case with a cable with standard external diskette; no kit reqd) DEM option via PCMCIA or parallel port)	<ul> <li>Next generation <u>ultraportable</u> notebook</li> <li>Slim: 1.2 inches</li> <li>Lightweight: 4.1 pounds</li> <li>Full size keyboard</li> <li>Pentium 133/66 MHz</li> <li>11.3" Dual Scan SVGA or 12.1" TFT SVGA</li> <li>PCI bus</li> <li>8 MB EDO memory</li> </ul>
Price Type - model Preload (see side) Avail / withdrawn date Disk - size / ms Disk controller	2640-10U Windows 95 OSR2 February 1997 / January 1 2.1 GB / 14 ms / DMA Mo EIDE / busmaster / PCI 2.		
Display - size and type	11.3" Dual Scan SVGA co	olor 12.1" TFT SVGA color	
Display - techology	11.3" SVGA color / 640 x 256 simultaneous colors /		color / 640 x 480 or 800 x 600 / 65,536 sim colors TFT - active matrix / 100 to 1 contrast ratio
Gaphics - features Graphics - external	PCI 2.1 / 32 bit / 32 bit path Simultaneous LCD and CF External SVGA to 1024 x 7	'68 with 256 colors	- Microsoft Windows 95 OSR2 - Online User's Guide
Memory - std / max Memory - features Memory - upgrade	8 MB / 40 MB (72 MB w/ T 70 ns / non-parity / 3.3 volt 1 socket for one JEDEC 1		ThinkPad Features Program     PC Card Director 4.0     Diskette Factory
Keyboard / # of keys Keyboard slope Pointing device Palm rest	TrackPoint III™ / no drag lo	d remains flat (no sloop) / opt P Replicator adds	4. Dura Tran Vitt
Dimensions Weight	11.7 x 8.7 x 1.22" (124 cub 4.12 pounds (1.87 kg)	ic inches) [4.10 pounds (1.86 kg)	6. IBM Anti-Virus     7. IGN/Netscape web browser
Battery - type Battery - life (1 batt) Charge time - on / off	Lithium Ion / intelligent 3 hours 2.5 to 3.5 hrs / 1.5 hrs		8. Ergonomics 9. Lotus Organizer - Lotus SmartSuite 96 CD-ROM -
Docking Station Port replicator PCMCIA™ 2.1 slots Serial / parallel ports Other features  Video in/out MPEG decoder	None ThinkPad 560 Port Replica 2 Type I or 2 Type II or 1 Ty One 9 pin; 16550A / one (II	EIDE, graphics, PCMCIA) / Mobile Triton 82430 ator /pe III EEE P1284-A, EPP, ECP, bidirectional) ong (35 watts) with barrel connector (slim) /	DMX
DSP function Data/fax modem Audio support  Jacks Telephone Infrared ports	Internal stereo speakers / Input jack (3.5 mm) / Output None	ee MIDI FM synthesis / ESS1688 5 watt / rotary volume control / internal micropho t jack (3.5 mm) rDA 1.0 compatible / up to 115 Kbps	The optional <b>ThinkPad 560 Port Replicator</b> acts as a wedge which attaches to the back and bottom of the unit and provides a keyboard slope. Following are its connectors:  - Release button
Security	Power-on password / hard	disk password / Locking device keyhole on back / Personalization screen at startup	
Preinstalled software Warranty	Windows 95 with application	· · · · · · · · · · · · · · · · · · ·	- Keyboard - External monitor - Parallel
Easy-Setup is entered turning on.	by holding F1 when	OPTIONS	- Serial (9 pin) - External diskette drive - Power jack
Fn + F2 = Battery g Fn + F3 = Standby Fn + F4 = Suspend Fn + F7 = LCD/CR Fn + F11 = Power m Fn + F12 = Hibernati  Hardware accelerati Windows™ is integrati graphics controller; int axis; color space convenabled  System does not have	T/Simultaneous gmt ion on of 'Video for ed into the 9382 terpolation in X and Y	- Disks: (365/760 IDE disks not supported) 1.08 GB HDD II EIDE 13 ms	PEATURES OF 560 MODELS  Quick Setup Guide Plug and Play 1.0a Standby, suspend, safe suspend, and hibernation modes US EPA Energy Star compliant Personalized nameplate indention Personalization screen at startup International Warranty Service IBM System Care Program 1 24 hour /7 day telephone, bulletin
exchange. Battery ca system is off, in hiberr power.	an be changed while anation, or under AC	Disk is not removable (like 755/760 systems), but it can be upgraded via a dealer or service center (not customer installable).	(http://www.pc.ibm.com) support IBM and dealer warranty/service Online Housecall (remote diagnostics)

# IIM ThinkPad 560E - withdrawn

IBM <sup>®</sup> ThinkPad <sup>®</sup> :	➤ 560E 11.3" Dual Scan SVGA colo	→ 560E  or 12.1" TFT SVGA color  12.1" TFT SVGA color  12.1" TFT SVGA color  13.1" TFT SVGA color  14.1" TFT SVGA color  15.1" TFT SVGA color  16.1"		
Processor type Processor upgrade L2 cache Diskette drive External FDD port CD-ROM drive	Pentium <sup>a</sup> 150/60 MHz or 10 None 256 KB / write-back / direct External 3.5" 1.44 MB (conn External FDD port (works w	mapped / 8 ns / synchronous pip lects to left side) / includes case vith standard external diskette; no EM option via PCMCIA or paralle	elined burst with a cable kit reqd)	fers to L2 cache and memory
Price Type - model (code) Processor Preload (see side) Avail / withdrawn date Disk - size / ms Disk controller	2640-30U Pentium 150/60 with MMX Windows 95 OSR2 June 1997 / January 1998 2.1 GB / 14 ms / DMA Mode EIDE / busmaster / PCI 2.1	supports one internal disk	MMX technology	
Display - size and type		or   12.1" TFT SVGA color	40.411.63/6.4 aplay/	0.40 · · 400 · · 000 · · 000 / 05 F00 · · · · · · · · · · · · · · · · · ·
Display - techology	11.3" SVGA color / 640 x 4 65,536 sim colors / Dual S			640 x 480 or 800 x 600 / 65,536 sim colors active matrix / 100 to 1 contrast ratio
Graphics - controller Graph - arch/data path Graphics - features Graphics - external	Trident™ CYBER9382 / 64	oit SVGA accelerator / 2 MB fast   to memory / DCI, DirectDraw, En Γ / 135 degree tilt		WINDOWS 95 PRELOAD  - Microsoft Windows 95 OSR2 (FAT16)  - Online User's Guide
Memory - std / max Memory - features Memory - upgrade	16 MB / 80 MB 70 ns / non-parity / 3.3 volt / 1 socket for one JEDEC 144	EDO 4 pin EDO SO-DIMM of 8, 16, 32	, 64 MB	- ThinkPad Features Program - PC Card Director 4.0 - Diskette Factory - 1. Triton CoSession™ Host
Keyboard / # of keys Keyboard slope Pointing device Palm rest	TrackPoint III™ / no drag loc	emains flat (no sloop) / opt P Replic	·	2. CompuServ for Windows 3. NetFinity for Windows 95 4. Puma TranXit™ 5. IntelliLink Connect
Dimensions Weight	11.7" x 8.7" x 1.22" (124 cul 4.1 pounds (1.9 kg)	pic inches)   4.1 pounds (1.9 kg)		IBM Anti-Virus     IBM Global Network with Netscape
Battery - type Battery - life (1 batt) Charge time - on / off	Lithium Ion/intelligent 3 hours 2.5 to 3.5 hrs/1.5 hrs	]   1   2   2   4   5		<ul> <li>web browser</li> <li>8. Registration Mailer</li> <li>9. Lotus Organizer</li> <li>10. Lotus SmartSuite 96</li> </ul>
Architecture  Docking Station Port replicator PCMCIA™ 2.1 slots Serial / parallel ports Other features	PCI 2.1/32 bit/33 Mhz (Ell None ThinkPad 560 Port Replicate 2 Type I or 2 Type II or 1 Ty One 9 pin; 16550A/one (IE Universal AC Adapter 2 pro	parallel, infrared) / NS PC87334 ( DE, graphics, PCMCIA) / Mobile  or  pe III / Cirrus Logic® PD6729  EE P1284-A, EPP, ECP, bidirect  ng (35 watts) with barrel connect  2 / Selectable boot / IBM BIOS	Lotus SmartSuite 96 CD-ROM     Recovery CD-ROM with boot diskette     Windows 95 CD-ROM (no installation)  Disk is not removable (like 755/760 systems), but it can be upgraded via a dealer or service center (not customer)	
Video in/out MPEG decoder DSP function Data/fax modem Audio support  Jacks Telephone Infrared ports	Internal stereo speakers / .5 Input jack (3.5 mm) / Output None	MIDI FM synthesis / ESS1688 watt / rotary volume control / inte . jack (3.5 mm) / not full duplex sp DA 1.1 compatible / up to 4 Mb	eakers/mic	The optional <b>ThinkPad 560 Port Replicator</b> acts as a wedge which attaches to the back and bottom of the unit and provides a keyboard slope. Following are its connectors:
Security	Power-on password / hard of	disk password / Locking device k		- Release button
Preinstalled software Warranty Service options	Windows 95 with application  1 year - ThinkPad EasySer	Personalization screen at startup ns (listed on right) v (depot repair service) or carry-inday (71 cities) / Warranty extens	n ion to 3 or 5 years	- Security keyhole - Mouse - Keyboard - External monitor - Parallel
Easy-Setup is entered turning on.	, 0	- Disks: (365/760 IDE disks not s 2.1 GB HDD 14 ms	supported) 45H8783	- Serial (9 pin) - External diskette drive - Power jack
Fn +F2 = Battery g Fn +F3 = Standby Fn +F4 = Suspend Fn +F7 = LCD/CR' Fn +F11 = Power m Fn +F12 = Hibernati Hardware acceleration	T/Simultaneous gmt on on of 'Video for	<ul> <li>4.0 GB HDD 13 ms</li> <li>ThinkPad 560 Port Replicate</li> <li>ThinkPad 560 Li-Ion Battery</li> <li>35 watt AC Adapter - barrely</li> <li>35 watt AC Adapter (slim, 2</li> <li>8 MB SO DIMM 3.3v NP EDO</li> <li>16 MB SO DIMM 3.3v NP EDO</li> </ul>	02K0501 0r 46H4209 7 Pack 46H4206 3 prong 85G6719 pin) 76H0139 64 bit 92G7340 0 64 bit 92G7341	FEATURES OF 560E MODELS  Quick Setup Guide Plug and Play 1.0a Standby, suspend, safe suspend, and hibernation modes US EPA Energy Star compliant Personalized nameplate indention
Windows™ is integrat graphics controller; int axis; color space convenabled System does not have exchange. Battery ca	terpolation in X and Y version when DCI e non-disruptive battery	<ul> <li>32 MB SO DIMM 3.3v NP EDG</li> <li>64 MB SO DIMM 3.3v NP EDG</li> <li>External 4x PCMCIA CD-ROM</li> <li>Ext 4x PCMCIA Stereo CD</li> <li>8-20 x Portable CD-ROM</li> <li>8-20 x Portable Stereo CD-I</li> <li>PCMCIA 33.6 Kbps modem</li> </ul>	76H0268 76H026	Personalization screen at startup International Warranty Service IBM SystemXtra Program 24 hour /7 day telephone, bulletin board, fax, electronic, and Internet (http://www.pc.ibm.com) support
system is off, in hiberr power.		<ul> <li>PCMCIA 33.6 Kbps modem</li> <li>PCMCIA 33.6 modem w/ X</li> <li>56K PC Card Modem Kit</li> <li>Other options from ThinkPa</li> </ul>	JACK 55H6759 04K0052	IBM and dealer warranty/service Online Housecall (remote diagnostics)

IBM <sup>®</sup> ThinkPad <sup>®</sup>					
Processor type Processor upgrade L2 cache Diskette drive External FDD port CD-ROM drive	Pentium® MMX™ 200/66 or 2 None 256KB / write-back / direct ma External 3.5" 1.44MB (connec External FDD port (works with None (CD-ROM drive as opti	apped / 8ns .cts to left sid	/ synchronous pipelined burst e) / includes case with a cable xternal diskette; no kit reqd)		New features of 560X (compared to 560E):   200 or 233MHz Pentium (vs 150 or 166)  32MB memory standard (vs 16MB)  96MB maximum memory (vs 80MB)  CardBus and Zoomed Video PC Cards  One USB port (vs none)
Price Type - model (code) Processor Preload (see side) Avail / withdrawn date Disk - size / ms Disk controller	2640-60U Pentium MMX 200/66MHz Windows 95 OSR2.1 + IE 4. March 1998 / September 199 2.1GB <sup>4</sup> / 14ms / SMART EIDE / busmaster / PCI 2.1 /	Windows 95 OSR2 1998 November 1997 / September 1998 4.0GB / 13ms / SMART 1 / Ultra DMA/33 or PIO Mode 4 / supports 1 int disk			<ul> <li>Supports Enhanced Port Replicator</li> <li>430TX (vs 430MX)</li> <li>MagicGraph128XD (vs CYBER9382)</li> <li>256K simultaneous colors (vs 64K)</li> <li>56 watt AC Adapter (vs 35 watt)</li> <li>ConfigSafe and LANDesk preloaded</li> </ul>
Display - size and type  Display - techology	12.1" HPA SVGA color (dua 640x480 or 800x600 262,144 simultaneous colors 30 to 1 contrast / 150ms / 70	, , , , , , , , , , , , , , , , , , ,	12.1" TFT SVGA color (activ 640x480 or 800x600 262,144 simultaneous colors 100 to 1 contrast ratio	′	WINDOWS 95 PRELOAD16  - Microsoft® Windows® 95 OSR2 (FAT16)  • Online User's Guide
Graphics - controller	2MB / iDRAM™ (embedded) Interpolation in X and Y axis / Simultaneous LCD and CRT	/ PCI 2.1 / 2 / color space / 135 degre	conversion		<ul> <li>ThinkPad Features Program</li> <li>SystemSoft CardWorks™</li> <li>Diskette Factory and Utilities</li> <li>Puma TranXit™</li> <li>IBM Anti-Virus</li> </ul>
Memory - std / max Memory - features Memory - upgrade	32MB std / 96MB max 60ns / non-parity / 3.3 volt / E 1 socket for one JEDEC 144		O-DIMM of 8, 16, 32, 64MB		IBM Global Network with Netscape web browser     Intelliquest Registration Mailer     Artisoft Confine Sets
Keyboard / # of keys Keyboard slope Pointing device Palm rest	Full size alp/num / 85 keys (6 Fn key functions) Large palm rest / keyboard remains flat (no sloop) / opt P Replicator adds slope TrackPoint® III / no drag lock keys Integrated palm rest / external keyboard support (with optional cable 54G0441)				Artisoft ConfigSafe     Intel® LANDesk® Client Manager     PointCast (with ThinkPad channel)     Ergonomics     Lotus® SmartSuite 97
Dimensions Weight <sup>2</sup>	11.7" x 8.7" x 1.22" (124 cub 4.17 pounds (1.89 kg)	oic inches);	,	<ul> <li>NetFinity for Windows 95 (license on</li></ul>	
Battery - type / life <sup>10</sup> Charge time - on / off	Lithium Ion / intelligent / 3.5 hours 2.5 to 3.5 hrs / 1.5 hrs				♦ Windows 95 CD-ROM (no installation)
Architecture  Docking Station Port replicator PC Card Std slots  Serial / parallel ports USB port Other features	PCI 2.1 / 32-bit / 33MHz (EIDE, graphics, PCMCIA, USB) / ISA (audio, diskette, serial, parallel, infrared) / NS PC97338 (FDC, IR, I/O) Intel 430TX PCIset / PIIX4 (EIDE, USB, PCI to ISA bridge) / TI1250A None ThinkPad 560 Port Replicator / ThinkPad Enhanced Port Replicator 2 Type I or 2 Type II or 1 Type III / CardBus 32-bit PCI / Zoomed Video PCMCIA 2.1 compatible / Texas Instruments® TI1250A controller One 9 pin; 16550A / one (IEEE P1284-A, EPP, ECP, bidirectional) One USB port Universal AC Adapter; 3 prong (56 watts) with barrel connector / APM-aware BIOS / APM 1.2 / Selectable boot / IBM BIOS				Disk is not removable, but it can be upgraded via a dealer or service center (not customer installable).  Easy-Setup is entered by holding F1 when turning on.  System does not have non-disruptive battery exchange. Battery can be changed while system is off, in hibernation, or under AC power.
Video in/out MPEG decoder Data/fax modem Audio support Jacks Infrared ports	None None (software support for MPEG-1 in Windows 95) None 16-bit audio chip / FM synthesis / CS4237B / SRS 3D audio (if use ext speakers) Internal mono speaker / .5 watt / rotary volume control / internal microphone Input jack (3.5 mm) / stereo output jack (3.5 mm) / not full duplex speakers/mic Infrared port (left side) / IrDA 1.1 compatible / up to 4Mbps			phone	The optional ThinkPad 560 Port Replicator acts as a wedge which attaches to the back and bottom of the unit and provides a keyboard slope. Following are its connectors: - Release button
Security	Power-on password / hard d personalization screen at sta		rd / security keyhole on back /		<ul><li>Security keyhole</li><li>Mouse</li><li>Keyboard</li></ul>
Limited warranty <sup>11</sup> Service options <sup>15</sup>	1 year - ThinkPad EasyServ (door-to-door depot repair service) or carry-in On-Site, M-F, 8-5, next bus day (71 cities) / warranty extension to 3 or 5 years				<ul><li>External monitor</li><li>Parallel</li></ul>
ThinkPad Enhanced	Port Replicator provides dditional I/O ports, and	- 2.1GB di	OPTIONS sk, 14ms 4	45H8783	- Parailei - Serial (9 pin) - External diskette drive - Power jack
- Dual IBM lock slots t PC Cards, and Port I	to secure the ThinkPad, Replicator	<ul> <li>ThinkPage</li> </ul>	sk, 13ms, Ultra DMA/33 0 d 560 Port Replicator 4	02K0501 02K0518 46H4209	FEATURES Wired for Management 1.1a
- External diskette driv - Power connector Features of the PC Ca - Two Type III slots (s - PC Card Standard 9 - CardBus compliant (	n), Parallel (25 pin) yboard, Mouse 5 mm) 15 pin) - not on system ye connector  ard slots: ide by side) 5 compliant (PCI 2.1 / 32-bit)	- ThinkPac - 56 watt A - 8MB SO - 16MB SC - 16MB SC - 32MB SC - 64MB SC - 20X-8X F - 20X-8X F - PCMCIA - PCMCIA	4 560 Li-lon Battery Pack C Adapter (barrel; 3 prong) DIMM 3.3v NP EDO 64-bit D DIMM NP EDO 64-bit (new) D DIMM 3.3v NP EDO 64-bit 9 D DIMM 3.3v NP EDO 64-bit 7 D DIMM 3.3v NP EDO 64-bit 7 Ortable CD-ROM 1 33.6Kbps modem 2 33.6 modem w/ XJACK 5	01K1124 02G7342 76H0268 1969010 1969011 25H6420 55H6759 04K0052	DMI 2.0 compliant PC 97 compliant Setup Guide, User's Guide, Up and Running Plug and Play 1.0a Standby, suspend, safe suspend, and hibernation modes ENERGY STAR compliant Personalized nameplate indention International Warranty Service <sup>14</sup> IBM SystemXtra™ 24 hour / 7 day telephone³0, bulletin board, fax, electronic, and Internet (www.ibm.com/pc/us) support IBM and dealer warranty/service

IBM® ThinkPad®:	> 701CS	≫ 701C		ThinkD	ad 701CS /701C strengths:		
	dual scan color	TFT color			· ·		
Processor 3.3 volt Processor speed	80486DX2 IntelDX4 50/25 MHz 75/25 MHz	80486DX2 50/25 MHz	IntelDX4 75/25	≎ Full s	ized, folding TrackWrite keyboard ized 10.4" color dual scan or TFT display otebook size and weight (4.5 pounds)		
Coprocessor socket Memory cache Diskette Removable CD-ROM	N/A (math coprocessor std in DX2/DX 8 KB in DX2; 16 KB in DX4 / no L2 ca External 3.5" 1.44 MB / hot-pluggat Not supported	che Connector to att	has a External Bus tor to attach either d MultiPort II or (with Adapter Kit) Dock II		, 14.4/14.4 data/fax modem, telephony ed communication Point III and removeable disk		
	\$2,499	U UT2 UT5 360 540 13  13  13  13  13	1,999 1,2,149 5TU 5TU 360 540 13 13 15 Mar95 Mar95	7TU <b>720</b> 13 🗖	① Data modem function - V.22bis (2400 bps) - V.32 (9600 bps) - V.32bis (14.4 Kbps)		
Display - type Display - colors Display - techology Display - diagonal size	VGA color / 640 x 480 65,536 simultaneous colors Dual scan 10.4 inch / 20 to 1 contrast ratio	VGA color / 64 65,536 simulta TFT - active ma 10.4 inch / 100	neous colors atrix	tio	<ul> <li>② Fax modem function         <ul> <li>Class 1 fax send/receive (14.4 Kbps)</li> </ul> </li> <li>③ Audio function         <ul> <li>16 bit audio / 44.1 kHz sampling rate</li> <li>Stereo waveform record and playback</li> <li>18 voice MIDI wave table synthesizer</li> <li>SoundBlaster™ support</li> <li>Text to speech (via Monologue)</li> </ul> </li> </ul>		
Graphics - controller Graphics - vendor Graph - arch/data path	CT-65545 with 1 MB DRAM Chips & Technologies / External S' VL-Bus 2.0 local bus / 32 bit / Simu						
Memory - std / max Memory - type Mem - sockets empty Mem-options available	4/36 MB	Tracl into p	8 / 40 MB wo wings (end «Write™ keybo oosition autom	ard slide atically	Telephone function     Full telephone (can use opt headset)     Telephone answering machine     Full duplex speakerphone		
Keyboard / # of keys Keyboard slope Mouse/pointing Ext keyboard support	Full size alp/num / 85 key (15 Fn key functions) Yes (use MultiPort II stand that flips out) TrackPoint III™ on TrackWrite keyboard Yes (no cable required)  TrackPoint III™ on TrackWrite keyboard Yes (no cable required)  Fn key functions: - Configuration Utility				PREINSTALLED APPLICATIONS - IBM DOS 6.3 - Windows 3.11 * DX4 systems include OS/2 Warp 3.0		
Dimensions Color Weight (with battery)	9.7 x 7.9 x 1.7" (130 cubic inches) Black With keyboard op 4.5 pounds expands from 9.7	- Bat en it - Sta	tery Status ndby/Suspend ernation	,	(dual boot) with selected BonusPak - IBM PC Card Director™ for PCMCIA - IBM ThinkPad Demo		
Battery - type Battery - life Charge time - on / off	Super NiCad or NiMH (DX4 mdls b 2.5 to 7 hours or optional N 1.5 hrs / battery will not charge if un	i <b>MH</b> ′- Hai	<ul> <li>Online Users Guide</li> <li>ThinkPad Features</li> <li>Diskette Factory</li> <li>Lotus<sup>®</sup> cc:Mail<sup>™</sup>, e-mail for the Global<sup>®</sup> network</li> <li>Lotus Organizer<sup>™</sup> 1.12</li> <li>Lotus ScreenCam<sup>™</sup> 1.0</li> <li>Triton CoSession<sup>™</sup> Host</li> <li>PRODIGY<sup>®</sup>; 6. America Online<sup>®</sup></li> <li>SofNet FaxWorks<sup>™</sup> Voice<sup>™</sup> 3.0</li> </ul>				
Architecture Docking Station Port replicator PCMCIA™ 2.1 slots Serial / parallel ports Other features	AT bus (ISA) Dock II (requires optional Dock II A None (use standard MultiPort II) 2 Type I or 2 Type II or 1 Type III One 9 pin; 16550A / ECP/EPP para APM-aware BIOS / Wallmount AC a	contrast o/down					
Functions Data/fax modem Audio support	Data modem, fax modem, audio, 14.4/14.4 data/fax modem function 16 bit audio chip on planar (ESSI Internal speaker (with Fn key vol	8. Video For Windows™ 1.1 Runtime 9. Monologue (text to speech) 10. Puma TranXit™ (infrared function) 11. Taxi™ 12. AlphaNet™ FollowFax™ 13. SEDONA™ REPRINT™ 14. COMPEL™ Personal Edition 15. Audiofile®TalkWorks™ 16. Reuters™ Money® Network					
Audio in/out jacks Telephone Infrared ports	Input jack / microphone jack / output Telephone / answering machine / fu Infrared port (on back) / IRDA 1.0						
Security	Power-on password / locking device keyhole also called MicroSaver™ security connector (Kensington™ lock)						
Preinstalled software Warranty	IBM DOS 6.3, Windows™ 3.11, (an and all appls listed to right:	OS 6.3, Windows™ 3.11, (and OS/2 Warp on DX4 models),					

Configuration Utility is entered by Fn+F1 at any

MultiPort II (ships standard) is 1.7 x .9 x 10" and has ports for:

- Mouse/Numpad connector (6 pin)
  External keyboard connector (6 pin)
- EPP parallel port (25 pin) Serial connector (RS-232D 9 pin)
- Audio line in (3.5 mm)
- Audio line out (3.5 mm)
- External display connector (15 pin)
- DC input connector

ECP/EPP port (36 lines) connects either the external floppy or a printer. The standard External Diskette Drive Cable (13.2") has a 36-pin and a 26-pin connector. The Standard Printer Cable Adapter (7.1") has a 36-pin connector and a 25-pin connector (so a conventional printer cable is needed)

Compatible in all 701 models:

Disks: 540 MB disk 13 ms 04H6894 720 MB disk 13 ms 10H4096 Dock II (2 slot / 2 bay) 84G3587 Dock II Adapter Kit 4 MB SO-DIMM 3.3v 04H6196 92G7259 8 MB SO-DIMM 3.3v 92G7261 16 MB SO-DIMM 3.3v 92G7263 32 MB SO-DIMM 3.3v 92G7281 Universal AC Adapter 30 watts 04H8367 AC Adapter 30 w, wall, 2 pin AC Adapter 35 w, ww, 3 pin 10H4020 85G6680 Super NiCad Battery 10H4019 NiMH Battery 25H4862 MultiPort II 10H4021 External diskette with cable 10H4068 EPP Printer Cable & 10H4069 Cable Pack

ThinkPad 360, 750, 755 family disks, batteries memory, and Dock I are NOT compatible in the ThinkPad 701 family

#### FEATURES OF 701CS/701C MODELS

Battery life indicator Non-disruptive battery exchange Standby, suspend, hibernation, and RediSafe modes US EPA Energy Star compliant Personalized nameplate in molded indention

#### **HELPWARE**

3 year warranty International Warranty Service 24 hour / 7 day telephone, bulletin board, fax, electronic, and Internet (http://www.pc.ibm.com) support IBM or dealer warranty/service Online Housecall (remote diagnostics)

ThinkPad EasyServ™: customer calls 1-800-772-2227, courier service picks up ThinkPad at any location, IBM repairs and mails back (no shipping charges, most shipping is overnight, 3 business days average turnaround). Overnight repair option in US available for \$99.

All trademarks are the property of their respective owners No warranties are expressed or implied in this summary (701) Compiled by Roger Dodson, IBM. June 1996

⇒ = Withdrawn from marketing on or before June 1996

# III ThinkPad 710T, 720, 720C - withdrawn

IBM® ThinkPad®:	→ 710T pen tablet		<b>≈ 720C</b> color TFT
Processor type Processor speed Memory cache Coprocessor socket Diskette drive	80486 SLC	80486 SLC2	80486 SLC2
	25 MHz	50/25 MHz	50/25 MHz
	16 KB internal	16 KB internal	16 KB internal
	No	Yes (for 387 SL)	Yes (for 387 SL)
	Optional 3.5" 1.44 MB	3.5" 1.44 MB	3.5" 1.44 MB
Price (retail USD) Type - model Hard drive - size Hard drive - speed Available date Withdrawal date	\$ 1,859 2523-09Y Option (TPF) 5, 10, 15 MB March 93 Sept 94  \$ 2,849 2523-303 <b>60 MB</b> 18.5 ms March 93 March 93 Sept 94  \$ 2,849 2523-303 <b>60 MB</b> 18.5 ms March 93 March 93 March 94	\$ 2,495 <b>\( \)</b> 9552-307 <b>120 MB \( \)</b> 17 ms \( \) May 93 March 94  \$ 2,655 <b>\( \)</b> 9552-308 <b>160 MB \( \)</b> 15 ms \( \) May 93  March 94	\$ 4,695 9552-30J <b>160 MB</b> ✓ 15 ms ○ May 93 March 94
Display - type Display - grey scales Display - techology Display - light source Display - size (diag) Display - contrast ratio 180 degree display tilt	VGA mono 16 grey scales STN Transflective LCD - Backlit 9.5 inch 3 to 1 N/A Transflective: can turn on backlit in dark areas or turn it off in bright areas	VGA mono 64 grey scales STN LCD - backlit 9.5 inch 18 to 1 Yes	VGA color 256 colors 640x480 Thin film transistor Active matrix 10.4 inch 100 to 1 Yes
Memory - std / max	4 / 12 MB 80 ns	4 / 16 MB 80 ns	4 / 16 MB 80 ns
Mem - sockets empty	1 socket (parity)	2 sockets (parity)	2 sockets (parity)
SIMM/ICs available	2, 4, 8 MB SIMMs	2, 4, 8 MB ICs	2, 4, 8 MB ICs
Keyboard / # of keys	External (any PS/2 keyboard	Full size alp/num/ 84	Full size alp/num/ 84 None 8 degrees (legs) TrackPoint II Yes (with opt cable)
Fn key functions	N/A (no keyboard)	None	
Keyboard slope	N/A is supported)	8 degrees (legs)	
Mouse/pointing	Electromagnetic pen	TrackPoint II™	
Ext keyboard support	Yes	Yes (with opt cable)	
Dimensions Cubic inches Carrying case Color Weight (with battery)	11.6 x 9.6 x 1.4"	11.7 x 8.3 x 1.9"	11.7 x 8.3 x 2.2"
	156 inches	185 inches	214 inches
	Blk nylon standard	Many options available	Many options available
	Black	Black	Black
	5.2 pounds (09Y); 5.5 pounds (302,3)	6.5 pounds	7.6 pounds
Battery - type Batt - life (per battery) Charge time - on / off Battery - options	Nickel cadmium	Nickel hydride	Nickel hydride
	3.3 to 4.1 hrs (09Y); 3.1 to 3.8 (302,3)	4 to 8 hours	2.4 to 4.8 hours
	N/A / 3 hrs (unit off or suspend only)	3 hrs / 2 hrs	1.5 hrs / 1.4 hrs
	Nickel cadmium half size battery	Yes - status indicator	Yes - status indicator
Architecture External AT/MCA port Comm Crtrdge (1 card) Docking Station Port replicator Modem/serial slot PCMCIA slots Visible LEDs - closed Serial / parallel ports	Local / AT I/O, DMA Yes No No 1 Type III PC Card can occupy 2 Type II slots on Model 09Y 3 Type II (09Y); 1 Type II (302, 303) N/A Yes / Yes	Micro Channel® Yes Yes (black) Yes (3550-002) black Yes black No 2 Type I or 2 Type II Yes or 1 Type III Yes / Yes (DMA)	Micro Channel Yes Yes (black) Yes (3550-002) black Yes black No 2 Type I or 2 Type II Yes or 1 Type III Yes / Yes (DMA)
APM-aware BIOS Other features Preinstalled software Warranty	No 09Y: PenDOS, PenPoint on optional solid state files (10, 15 MB). 302: PenDOS 2.0; 303: PenPoint 1 year - EasyServ only	APM-aware BIOS Hrdw security loop IBM DOS 5.02, PRODIGY® 3 year - carry in or EasyServ (opt onsite)	APM-aware BIOS Hrdw security loop IBM DOS 5.02, PRODIGY 3 year - carry in or EasyServ (opt onsite)

The 700/720 family hard disks, batteries, and docking station are NOT compatible with ThinkPad 360, 750, 755. The 700/720 memory IS compatible with ThinkPad 360, 750, 755.

FEATURES OF 700/700C and 720/720C	
3 year warranty 700/720 mono upgradeable to TFT color 700/700C upgradeable to 486SLC2 50/25 Upgradeable to 120, 160, 240, 340 MB	
Removable hard disk	
Pressure activated TrackPoint II	
Optional battery w/ power status indicators Quick Charger holds 2 batt; discharge button	
Coupon book with \$4,000 in savings	
♣ Price decrease effective October 28, 1993	   ≫ Witho

drawn from marketing

Suspend/resume mode; battery life indicator Non-disruptive battery exchange Simultaneous LCD and external CRT US EPA Energy Star compliant International travelers warranty IBM or dealer warranty/service 30 day money back guarantee 24 hour / 7 day fax support

**FEATURES OF ALL PRODUCTS** 

24 hour / 7 day bulletin board support 24 hour / 7 day telephone support at 1-800-772-2227

#### IIM ThinkPad 730T - withdrawn

Processor type
Recessor type
Strain terms   Stra
Memory cache
Diskette drive   Optional 3.5" 1.44 MB (same as ThinkPad 710T and 730TE)
Price (retail USD) \$2,569 Type - model 2524-801 Hard drive - size Option (required via PCMCIA disk) Preinstalled software Avail / withdrawn date May 1994 / June 1996  Memory - std / max 4 / 20 MB  \$2,879 2524-80F 2524-80F 2524-80F 105 MB PCMCIA 15 ms IBM DOS 6.3 Windows for Pen Computing May 1994 / June 1996 May 1994 / June 1996  \$3,429 2524-90F 105 MB PCMCIA 15 ms IBM DOS 6.3 Windows for Pen Computing May 1994 / June 1996  \$4,20 MB  \$4/20 MB  \$3,429 2524-90F 105 MB PCMCIA 15 ms IBM DOS 6.3 Windows for Pen Computing May 1994 / June 1996  \$4,20 MB  \$4/20 MB
Type - model 2524-801 2524-901 2524-901 Option (required via PCMCIA disk) N/A 15 ms IBM DOS 6.3 Windows for Pen Computing May 1994/June 1996 Memory - std / max 4 / 20 MB 8 / 24 MB 2524-901
Hard drive - size Hard drive - speed Hard drive - s
Hard drive - speed Preinstalled software       via PCMCIA disk) N/A       via PCMCIA disk) N/A       15 ms IBM DOS 6.3 IBM DOS 6.3 Windows for Pen Computing May 1994 / June 1996       15 ms IBM DOS 6.3 Windows for Pen Computing May 1994 / June 1996         Avail / withdrawn date       May 1994 / June 1996         Memory - std / max       4 / 20 MB       8 / 24 MB       4 / 20 MB       8 / 24 MB
Preinstalled software         N/A         N/A         IBM DOS 6.3 Windows for Pen Computing May 1994 / June 1996         IBM DOS 6.3 Windows for Pen Computing May 1994 / June 1996         IBM DOS 6.3 Windows for Pen Computing May 1994 / June 1996         IBM DOS 6.3 Windows for Pen Computing May 1994 / June 1996         Windows for Pen Computing May 1994 / June 1996         May 1994 / June
Avail / withdrawn date         May 1994 / June 1996           Memory - std / max         4 / 20 MB         8 / 24 MB         4 / 20 MB         8 / 24 MB
Memory - std / max 4 / 20 MB 8 / 24 MB 4 / 20 MB 8 / 24 MB
Mem - sockets empty Uses a specific Type III PCMCIA slot; this will then permit a Type I or II PCMCIA card in rest of slot  Memory - type 70 ns / non-parity / 5.0 volt
Memory - options 4, 8, 16 MB ICs
Display - type VGA 640 x 480 monochrome (External display is 640 x 480 with 16 colors)
Display - grey scales 16 grey scales (Simultaneous LCD and CRT display)
Display - techology STN Transflective Transflective: can turn on backlight in Transflective: can turn on backlight in
Display - light source LOB - Backit dark areas or turn it off in bright areas
Display - contrast ratio 3 to 1
Keyboard External (any IBM keyboard is supported; attach to port replicator)
Mouse/pointing Electromagnetic pen/digitizer/stylus that realistically simulates the feel of pen-to-paper / untethered / batteryless (a mouse is not supported) / stylus is stored in a compartment on bottom
Dimensions 10.6 x 8.3 x 1.4"
Cubic inches 123 inches
Carrying case Blk nylon standard (many options also available)
Color Black
Weight (with battery) 3.5 pounds (1 battery); 3.9 pounds (2 batteries)
Battery - type Nickel hydride (NiMH) A false battery pack ships Battery - quantity Two batteries ship standard / can use one or two batteries standard if only want to
Batt - life (per battery) 1 battery: 2 to 5 hours use one battery
2 battery: 4 to 10 hours
Charge time - on / off N/A / 1.5 hours (unit off or suspend only)
Architecture Local memory bus / ISA
Docking Station No Port replicator Yes (ships standard / attach to 200 pin connector)
Port Replicator includes ① 15 pin external CRT port, ② 9 pin 16550A serial port, ③ 25 pin EPP parallel port,
diskette drive connector,      skeyboard port,      DC port for AC connector
Modem/serial slot No (use PCMCIA) PCMCIA 2.01 slots 3 Type II or 2 Type III as follows:
PCMCIA 2.01 slots  3 Type II or 2 Type III as follows:  1st slot: 2 Type II or 1 Type III (but any additional memory must go into this slot; so adding IC DRAM
memory will leave 1 Type II slot remaining)
2nd slot: 2 Type III (105 MB PCMCIA disk in Models 80F/90F is installed here)
Serial / parallel ports Yes (on Port Replicator) / Yes (on Port Replicator)
Warranty 3 year - ThinkPad EasyServ™

The ThinkPad 730T requires a bootable operating system with Pen capability. Supported is:

- PenDOS® 2.2 with IBM DOS 6.3

84G9180 - PCMCIA HDD 105 MB PenDOS preloaded

- Pen for OS/2 1.0 with OS/2® 2.11

84G9190 - PCMCIA HDD 105 MB Pen for OS/2 preloaded

- Windows for Pen Computing® 3.1 with IBM DOS 6.3

Models 80F/90F are preloaded with Windows for Pen Computing

- PenRight!® (available at dealers)

PCMCIA SLOT CONFIGURATION

Two Type III (10 mm high):

IC DRAM only

PCMCIA Type III

260 MB disk in this slot (Model B0F)

4 MB IC DRAM 70 ns 5v non-parity 8 MB IC DRAM 70 ns 5v non-parity 16 MB IC DRAM 70 ns 5v non-parity 66G9540 92G7236 **FEATURES OF THINKPAD 730T Quick Charger** 92G7237 92G7424 66G9545 Car Battery Adapter Suspend/resume mode NiMH Battery (dual) 66G9550 Battery life indicator AC Adapter 20 watts 84G0480 PortReplicator 84G0485 Non-disruptive battery exchange External 3.5" 1.44 MB 48G8263 US EPA Energy Star compliant 3 year warranty
International Warranty Service
24 hour / 7 day telephone, bulletin
board, fax, and electronic diskette drive 105 MB HDD (PenDOS) 105 MB HDD (PenOS2) 84G9180 84G9190 Hand Strap 84G0495 Soft Case 84G0490 support **Battery Case** 84G0500 IBM warranty/service 30 day money back guarantee

#### III ThinkPad 730TE - withdrawn

IBM® ThinkPad®:		The 730TE is the same as the 730T (older models) except:				
Processor Memory cache Coprocessor socket Diskette drive	InteIDX4™ 75/25 MHz 16 KB in DX4 (no L2 cache) N/A; standard in InteIDX4 Optional 3.5" 1.44 MB (same as ThinkPad 710T and	730T 730TE  ⇒ 486SX - 33 MHz ⇒ IntelDX4 - 75/25 MHz ⇒ 105 MB disk preloads ⇒ 260 MB disk preloads				
Price (retail USD) Type - model Part number Hard drive - size Hard drive - speed Preinstalled software	N/A IBM DOS 7.0 Windows for Pen Computing	c burst transfer rate / 5.7 MB/sec media transfer rate				
Avail / withdrawn date  Memory - std / max  Mem - sockets empty  Memory - type  Memory - options	Oct 1995 / July 1997 October 1995 / July 1997 8 / 24 MB Uses a specific Type III PCMCIA slot; this will then 70 ns / non-parity / 5.0 volt 4. 8. 16 MB ICs	permit a Type I or II PCMCIA card in rest of slot				
Display - type Display - grey scales Display - techology Display - light source Display - size (diag) Graphics controller	16 grey scales (Simultaneous LCI STN Transflective Transflective: ca	6 640 x 480 with 16 colors) D and CRT display) an turn on backlight in n it off in bright areas  / 1 MB DRAM memory				
Keyboard Mouse/pointing	External (any IBM keyboard is supported; attach to Electromagnetic pen/digitizer/stylus that realistically (a mouse is not supported) / stylus is stored in a cor	simulates the feel of pen-to-paper / untethered / batteryless				
Dimensions Cubic inches Carrying case Color Weight (with battery)	10.6 x 8.3 x 1.4" 123 inches Blk nylon standard (many options also available) Black 3.5 pounds (1 battery); 3.9 pounds (2 batteries)					
Battery - type Battery - quantity Batt - life (per battery) Charge time - on / off	Nickel hydride (NiMH) Two batteries ship standard / can use one or two ba 1 battery: 1.65 to 5 hours 2 battery: 3.3 to 10 hours N/A / 1.5 hours (unit off or suspend only)	A false battery pack ships tteries standard if only want to use one battery				
Architecture Docking Station Port replicator	Local memory bus / ISA No Yes (ships standard / attach to 200 pin connector)	t, ② 9 pin 16550A serial port, ③ 25 pin EPP parallel port,				
Modem/serial slot PCMCIA™ 2.1 slots Serial / parallel ports	No (use PCMCIA)  3 Type II or 2 Type III as follows:  1st slot: 2 Type II or 1 Type III (but any additimemory will leave 1 Type II slot rem	MCIA)  2 Type III as follows: bt: 2 Type II or 1 Type III (but any additional memory must go into this slot; so adding IC DRAM memory will leave 1 Type II slot remaining) ot: 2 Type II or 1 Type III (260 MB PCMCIA disk in Model B0F is installed here)				
Security  Warranty	Power-on password  3 year - ThinkPad EasyServ™ (Optional Overnight	Repair Option)				

The ThinkPad 730T requires a bootable operating system with Pen capability. Supported is:

- PenDOS® 2.2 with IBM DOS 7.0

External 3.5" 1.44 MB

diskette drive

Hand Strap

**Battery Case** 

Soft Case

39H6014 - PCMCIA HDD 260 MB PenDOS preloaded Pen for OS/2 1.03 with OS/2® Warp 39H6017 - PCMCIA HDD 260 MB Pen for OS/2 preloaded

48G8263

84G0495

84G0490

84G0500

- Windows for Pen Computing® 1.0 with IBM DOS 7.0/Windows 3.11 Model B0F is preloaded with Windows for Pen Computing
   PenRight! ® (available at dealers)

**PCMCIA SLOT CONFIGURATION** 

Two Type III (10 mm high):

IC DRAM only

PCMCIA Type III 260 MB disk in this slot (Model B0F)

260 MB HDD PCMCIA Type III (Blank) 260 MB HDD PCMCIA Type III (Warp for Pen) 260 MB HDD PCMCIA Type III (PenDOS) 66G9540 06H9077 **Quick Charger** Car Battery Adapter 66G9545 39H6017 NiMH Battery (dual) 66G9550 39H6014 92G7236 92G7237 AC Adapter 20 watts 84G0480 4 MB IC DRAM 70 ns 5v non-parity PortReplicator 84G0485 8 MB IC DRAM 70 ns 5v non-parity

16 MB IC DRAM 70 ns 5v non-parity

92G7424

**FEATURES OF THINKPAD 730TE** 

Suspend/resume mode Battery life indicator Non-disruptive battery exchange US EPA Energy Star compliant 3 year warranty
International Warranty Service
24 hour / 7 day telephone, bulletin
board, fax, and electronic

support IBM warranty/service

30 day money back guarantee

IBM <sup>®</sup> ThinkPad <sup>®</sup> :	~ . 750	75000	~ a 7F00	~ a 750D	Tuassalin o Medico a dia		
IDW ININKPACT:					★ Traveling Multimedia preconfigured system		
Processor type Processor speed Memory cache Coprocessor socket Diskette drive	All: 80486 SL with mat All: 33 MHz All: 8 KB internal All: N/A (std in 486SL) All: 3.5" 2.88 MB O	optional 'FDD \$135) to the ①	diskette drive can be utili External Kit' (includes ca Port Replicator Model I, Dock I Docking Station.	ized externally via the able and enclosure;	A preconfigured, multimedia <b>750C</b> ; Available Sept 93; \$ 7,245 • 4		
Display - type Display - grey scales Display - techology Display - light source Display - size (diag) Display - contrast ratio 180 degree display tilt	Yes (external SVGA)	\$ 2,599 \ 9545-208   9545-208   9545-208   14 ms		VGA mono 64 grey scales STN - <b>pen enabled</b> LCD - Sidelit 9.5 inch 18 to 1 Yes (external SVGA)	Included with the IBM Traveling Multimedia: Hardware: - 750C (all features listed on left) - 340MB removable hard disk - 12 MB memory (4 MB std + 8 MB IC DRAM card) - 14.4 Data/Fax modem (PCMCIA)		
Memory - std / max Mem - sockets empty SIMM/ICs available	All: 4 / 20 MB 70 ns All: 1 socket (parity) All: 2, 4, 8, 16 MB ICs	Additional video feature controller is Western Di Simultaneous LCD & Cl	- Dock I (Docking Station) - CD-ROM/XA - double speed and Kodak				
Keyboard / # of keys Keyboard slope Mouse/pointing Ext keyboard support	All: Full size alp/num/ 8 All: Yes (legs pop out) All: TrackPoint II All: Yes (with option ca	① Fuel guage ② Standby mo	2 Standby mode 5 LCD/ext CRT/both 8 Power mgmt mode				
Dimensions Cubic inches Carrying case Color Weight (with battery)	11.7 x 8.3 x 1.7" 165 inches Blk nylon (option) Black 5.5 pounds	11.7 x 8.3 x 2.0" 194 inches Blk nylon (option) Black 6.2 pounds	11.7 x 8.3 x 2.0" 194 inches Blk nylon (option) Black 6.4 pounds	11.7 x 8.3 x 2.1" 204 inches Blk nylon (option) Black 6.6 pounds	Software: - Windows 3.1 - Asymetrix COMPEL™ (on screen multimedia presentations)		
Battery - type Batt - life (per battery) Charge time - on / off	Nickel hydride (smart) 5.3 to 12 hours 1.5 hrs / 1.5 hrs	Nickel hydride (smart) 3.5 to 8 hours 2.0 hrs / 1.5 hrs	Nickel hydride (smart) 3.4 to 8 hours 2.0 hrs / 1.5 hrs	Nickel hydride (smart) 5.1 to 12 hours 1.5 hrs / 1.5 hrs	<ul> <li>Asymetrix MediaBlitz! (library of media clips)</li> <li>LapLink™ V (file transfer via cable</li> </ul>		
Architecture (ext port) Docking Station Port replicator PCMCIA 2.01 slots	All: Yes (Dock I and II I All: 2 types (below) All: 2 Type I or 2 Type	TV and VCR p ill or 1 Type III	or modem) - Delrina WinFax PRO (fax software)				
Serial / parallel ports Other features	All: Yes (one 9 pin) / E All: BIOS/Easy Set up/	ALL 750 MODELS Liftable (pop-up)					
Audio support Audio in/out jacks Security	All: Input jack supports All: Hardware security	n planar with Mwave audi microphone / Output ja loop / Power-on passwor ware config changes / H	keyboard to access diskette drive, disk, battery, and memory				
Preinstalled software Warranty	DOS 6.1, PRODIGY® Online info, demo 3 year - carry in or EasyServ (opt onsite)	DOS 6.1, PRODIGY Online info, demo 3 year - carry in or	3.1, PenDOS™ 2.2, DDIGY, Online info, demo or \$40 each year; all mod)				
The 700/720 family har	rd disks, batteries, and de	ocking station are NOT c	ompatible with 750. The	e 700/720 memory IS co	mpatible with 750		

The 700/720 family hard disks, batteries, and docking station are NOT compatible with 750. The 700/720 memory IS compatible with 750

#### Dock I (Docking Station) \$685

SCSI-1 controller; two stereo speakers; One full-size 16 bit AT bus slot; 6.0 pounds; One bay (slim high 1") for 3.5" or 5.25" devices Can house removable disk from 360/750/755; Replication of ports on back of 360750/755; Additional ports: SCSI, audio, speaker, video in, diskette, headphone jack; handle/palm rest;

#### Dock II (Docking Station) \$719

SCSI-2 Fast controller; two stereo speakers; Two full-size 16 bit AT bus slots; 17.6 pounds; Two 5.25" bays (1" high (SL) and 1.5" high HH); Can house removable disk from 360/750/755; Two PCMCIA slots (Type II and III); Many ports including audio, diskette, SCSI; Plug and Play ready

#### Port Replicator Model I \$29

2 Type I or 2 Type II or 1 Type III PCMCIA slots Provides cable management because all the cables attach to Replicator, not the ThinkPad Replication of Ports: mouse, keyboard, SVGA, parallel port, serial, diskette port, DC power

Port Replicator Model II \$109 Same as Model I except *no* PCMCIA slots

#### **750 MONOCHROME**

Upgradeable to  ${\tt @}$  monochrome pen enabled screen (same as 750P), or  ${\tt @}$  10.4" TFT color

#### 750Cs DUAL SCAN COLOR

Dual scan passive matrix color screen

#### **750C ACTIVE MATRIX COLOR**

Largest 10.4" active matrix color screen

#### **750P CONVERTIBLE PEN**

Same display as the 750 monochrome. Can be used in normal upright position or folded down into a position suitable for writing via the standard untethered stylus.

## Cellular Digital Packet Data (CDPD) Mobile Communications Module

Provides transmission of analog and digital data using a cellular telephone.

Supported on 750, 750Cs, 750C (not 750P). High speed 14.4 bps data/fax modem, AMPS cellular, and CDPD transceiver; wire or wireless; available April 1994; \$1,999

Many other options available from IBM

#### **FEATURES OF ALL 750 FAMILY**

3 year international warranty
16 bit audio chip on planar (Mwave™)
Headphone (out)/microphone (in) audio jacks
Removable and upgradeable hard disks
Removable diskette drive
Pressure activated TrackPoint II

Pressure activated TrackPoint II
Std intelligent battery with built in processor for accurate monitoring on screen

Discharge battery via mouse click Quick Charger holds 2 batt; discharge button Non-disruptive battery exchange

Standby / suspend / hibernation modes
Hibernation mode saves memory to the hard
disk and shuts system off

disk and shuts system off Selectable boot

US EPA Energy Star compliant Personalized nameplate in molded indention Coupon book with \$4,000 in savings

IBM or dealer warranty/service
30 day money back guarantee

24 hour / 7 day fax support 24 hour / 7 day bulletin board support 24 hour / 7 day telephone support

**ThinkPad EasyServ™:** customer calls 1-800-772-2227, courier service picks up ThinkPad at any location, IBM repairs and mails back within 4 business days (no shipping charges, most shipping is overnight). 
■ Upgradeable; = Removable; • Price decrease effective October 17, 1994

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IBM® ThinkPad®:			×755C		★ Traveling Multimedia
	dual scan color		TFT color		preconfigured system
Processor type Processor speed Memory cache Coprocessor socket Removable diskette	80486 DX2 ☐ to DX4 50/25 MHz 3.3 volt 8 KB internal (no L2) N/A (std in 486DX2) 3.5" 1.44 MB ○	IntelDX4 75/25 MHz 3.3 volt 16 KB internal (no L2) N/A (std in 486DX4) 3.5" 1.44 MB O	80486 DX2 ☐ to DX4 50/25 MHz 3.3 volt 8 KB internal (no L2) N/A (std in 486DX2) 3.5" 1.44 MB ○	IntelDX4 75/25 MHz 3.3 volt 16 KB internal (no L2) N/A (std in 486DX4) 3.5" 1.44 MB ①	A preconfigured, multimedia <b>755C</b> ; Available June 94; withdrawn Dec 95 Part #2337289
Price (retail USD) Type - model all 9545 Removable disk - size Hard disk - speed ms Avail / withdrawn date	\$3,399 \$3,899 \$4,299 EOC EOE EOG 170 340 540 14	\$3,899 \$4,399 \$4,799 K0C K0E K0G H0G 540 Jun 94 / May 95	1170 🗖   340 🗖   540 🗖	\$3,399 \$3,699 \$3,999 LOC LOE LOG 170 340 540 540 540 540 540 540 540 540 540 5	\$ 6,399 • Included with the IBM Traveling Multimedia: Hardware:
Display - type Display - colors Display - techology Display - light source Display - size (diag) Display - contrast ratio	VGA color 256 colors 640x480 (pa STN - passive matrix LCD - Sidelit 9.5 inch <b>Dual scan</b> 20 to 1	lette of 4096 colors)	VGA color 256 colors 640x480 (pal TFT - active matrix LCD - Backlit 10.4 inch 100 to 1	lette of 262,144 colors)	<ul> <li>755C Model LOG</li> <li>DX4 75/25 with all features listed on left</li> <li>540 MB removable hard disk</li> <li>8 MB memory (4 MB std + 4 MB DIMM on</li> </ul>
Graphics - controller Graphics - vendor Graph - arch/data path	All: WD90C24A or WD9 All: Western Digital / Ext All: VL-Bus / 32 bit VES		8 w/ 256 colors		Memory Adapter) - 14.4 Data/Fax modem (PCMCIA)
Memory - std / max Mem - sockets empty	All: 4/36 MB 70 ns All: 1 socket (parity)	max or @ new DIMM ted JEDEC 72 pin SO DIMM	0 1 open socket for IC me chnology for max of 36 M Is on optional Memory Mo	B with 4 or 16 MB odule Adapter.	- Dock I (Docking Station) - CD-ROM/XA - double
Mem-options available	All: 2, 4, 8, 16, 32 MB IC		t works on optional Memo	ory Module Adapter	speed and Kodak Photo CD
Keyboard / # of keys Fn key functions Keyboard slope Mouse/pointing Ext keyboard support	All: Full size alp/num/ 85 All: 8 (in any appl) All: Yes (legs pop out) All: TrackPoint II™ All: Yes (with option cab	Fn + F3 = Sta Fn + F4 = Sus Fn + F5 = Aud	Indby Fn + F8, F spend Fn + F11 dio decrease Fn + F12	= Ext display/LCD F9, F10 = (reserved) = Power mgmt = Hibernation mode	multisession - Dock I Carrying Case - Interlink® ProPoint™
Dimensions Color Weight (with battery)	All: 11.7 x 8.3 x 2.0" (19 All: Black 6.1 pounds	4 cubic inches) Easy-		Intelligent battery with a	Software - same as 7550 plus:  - Asymetrix®COMPEL™
Battery - type Batt - life (per battery) Charge time - on / off	Nickel hydride (smart) 4 to 8 hours 2 hrs / 1.5 hrs		Nickel hydride (smart) 3.1 to 8 hours	processor to allow accurate monitoring of battery condition and accurate fuel guage.	- Asymetrix MediaBlitz! (library of media clips) - LapLink™ V - Picture Factory™
Architecture Docking Station Port replicator PCMCIA™ 2.1 slots Serial / parallel ports Other features	All: AT bus (ISA) All: Yes (Dock I and II but All: Yes (2 types below) All: 2 Type I or 2 Type All: Yes (one 9 pin; 1655 All: APM-aware BIOS / A	elow) cellular moden and VCR playt II or 1 Type III i0A) / Enhanced Parallel I		Tuner (for on screen TV nird party options.	- TalkWorks™ ´
Audio support Audio in/out jacks Security	All: 16 bit audio chip on p All: Input jack supports r All: Power-on password	lanar / Crystal Semicondu	uctor CS4248 / Internal sp supports headphone or upervisor password (for h	eaker and microphone stereo speakers ardware config	Liftable (pop-up) keyboard to access and remove diskette drive, disk, battery,
Preinstalled software	All: IBM DOS 6.3, Windo	ows 3.1, Demo, and 8 app	olications: ① Lotus® cc:M	ail, e-mail for	and memory
Warranty	Advantis network, Flight Disk 1.0, 17 All: 3 year - carry in or EasyServ (opt onsite		3 Lotus ScreenCam 1.0,6, , ® PRODIGY <sup>®,</sup> ⑦ Americ diskette drive can be use le and enclosure; \$135) to	ca Online <sup>sm</sup> , ® SofNet Fa ed externally via the optic	nal 'FDD External Kit'
Dock I (Docking Stat	ion) \$685	The ThinkPad 755 fan		Cellular Digital Pack	et Data (CDPD)

SCSI-1 controller; two stereo speakers; One full-size 16 bit AT bus slot; 6.0 pounds; One bay (slim high 1") for 3.5" or 5.25" devices Can house removable disk from 360/750/755; Replication of ports on back of 360/750/755; Additional ports: SCSI, audio, speaker, video in, diskette, headphone jack; handle/palm rest; Dock II (Docking Station) SCSI-2 Fast controller; two stereo speakers;

Two full-size 16 bit AT bus slots; 17.6 pounds; Two 5.25" bays (1" high (SL) and 1.5" high HH); Two PCMCIÁ slòts (Typè II and III); Many ports including audio, diskette, SCSI; Plug and Play ready

Port Replicator Model I \$299

2 Type I or 2 Type II or 1 Type III PCMCIA slots Provides cable management because all the cables attach to Replicator, not the ThinkPad Replication of Ports: mouse, keyboard, SVGA, parallel port, serial, diskette port, DC power

Port Replicator Model II Same as Model I except no PCMCIA slots options of the ThinkPad 750 family.

Compatible in 360, 750, and 755 family:

- Hard disks (170, 250, 340, 540, 810 MB)
- Batteries (see below)
- Diskette drive Dock I and Dock II
- AC Adapter Port Replicator I
- Port Replicator II Quick Charger CDPD Mobile Module (not pen models)

ThinkPad IC memory for 700, 720, 750, and 755 are all compatible.

The 700 and 720 family hard disks, batteries, and docking station are NOT compatible with 750 or 755 family.

Battery compatibility: 360 750 755 84G2392 360 NiMH battery Ν

66G2846 750 NiMH battery

Y = battery supported; N = not supported

Winstone 94 for 755C DX4 = 37.8

Mobile Communications Module \$1,999 Provides transmission of analog and digital data using a cellular telephone. Supported on all 360/750/755 (except 750P). 14.4 bps data/fax modem, AMPS cellular, and CDPD transceiver; wire or wireless.

#### FEATURES OF ALL 750 and 755 FAMILY

Discharge battery via mouse click Quick Charger holds 2 batt; discharge button Battery life indicator

Non-disruptive battery exchange Standby / suspend / hibernation modes EasyPlaying (PC Card Director™) preinstalled and included on Utility Diskette (755 only) US EPA Energy Star compliant

Personalized nameplate in molded indention

International travelers warranty IBM or dealer warranty/service 30 day money back guarantee

N Y

24 hour / 7 day fax support 24 hour / 7 day bulletin board support 24 hour / 7 day telephone support

ThinkPad EasyServ™: customer calls 1-800-772-2227, courier service picks up ThinkPad at 

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#### III ThinkPad 755CSE / CE - withdrawn

IBM® ThinkPad®:			<b>≍ 755CE</b>			ThinkP	ad 755CSE / CE strengths:		
	dual scan color		TFT color			DSP	with audio, data/fax modem, telephony		
Processor type Processor speed Processor / L2 upgrade Removable diskette Removable CD-ROM	InteIDX4™ / no L2 cache 100/33 MHz / 3.3 volt Pentium 75/50 MHz whicl 256 KB / write-throug Internal 3.5" 1.44 MB ○ / Supports PCMCIA Cartric Not supported (Diskette b	h includes L2 gh / direct ma supports inte dge, TV Tune	apped / 12 r ernal 2.88 N er, or CDPI	1B diskette	pay	<ul><li>Infra</li><li>Colo</li><li>Rem</li><li>Lifta</li></ul>	<ul> <li>Infrared communication</li> <li>Color: 10.4 dual scan or 10.4 Black Matrix TF</li> <li>Removable disk and diskette</li> <li>Liftable keyboard and TrackPoint III</li> <li>Upgrade to Pentium with L2 cache</li> </ul>		
Price (retail USD) Type - model Removable disk - size Removable disk - spd Available date Display - type	\$3,499 \ \ 9545-6BD \ 9545-6BD \ 340 MB \ \ 14 ms \ \ Nov 1994 \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	\$ 4,299 ♣₄ 9545-6BE <b>810 MB</b> 14 ms ○ Nov 1994	\$ 4,299 •\. 9545-7BC <b>340 MB</b> •\. 14 ms O Oct 1994 <b>VGA color</b>	\$4,649 \( 9545-7BD \) <b>540 MB</b> \( 14 ms \( \) Oct 1994	\$ 5,09 9545- <b>810 N</b> 14 ms Oct 1	-7BE <b>//B</b> s ()	Integrated Mwave™ DSP provides:  ① Data modem function  - V.22bis (2400 bps)  - V.32 (9600 bps)  - V.32bis (14.4 Kbps)  ② Fax modem function  - G3 fax send/receive (14.4 Kbps)		
_ , , ,	256 simultaneous colors  Dual scan  10.4 inch / 20 to 1 contra:	st ratio	Black Mati	ultaneous c rix TFT - acti 100 to 1 con	ive ma		<ul> <li>③ Audio function</li> <li>- Stereo waveform record and playback</li> <li>- Qsound™ support (3-D effect)</li> <li>- 32 voice MIDI wave table synthesizer</li> </ul>		
<del></del>	Western Digital / External VL-Bus 2.0 local bus / 32	VD90C24A2 with 1 MB DRAM Western Digital / External SVGA to 1024 x 768 w/ 256 colors (up to /L-Bus 2.0 local bus / 32 bit / Simultaneous LCD and CRT / 180 de				gree tilt	- SoundBlaster™ support - Text to speech (via Monologue) - <b>③ Telephone function</b>		
Memory - std / max Mem - sockets empty Mem-options available	1 socket 2, 4, 8, 16, 32 MB ICs or 4, 8	4, 8, 16, 32 MB ICs or 4, 8, 16 MB DIMMs that work on optional Memory Module Adapter III size alp/num / 85 (8 Fn key functions) s (legs pop out) ackPoint III™			C mem- nax or logy for	<ul> <li>Full telephone (can use opt headset)</li> <li>Telephone answering machine</li> <li>Full duplex speakerphone</li> <li>Software upgradeable (28.8 and DSVD</li> </ul>			
Keyboard / # of keys Keyboard slope Mouse/pointing Ext keyboard support	Full size alp/num / 85 (8 l Yes (legs pop out) TrackPoint III™ Yes (with option cable)				72 pir ional M	n SO	PREINSTALLED APPLICATIONS - IBM DOS 6.3 - Windows 3.11		
Dimensions Color Weight (with battery)	11.7 x 8.3 x 1.96" (190 cu Black 6.4 pounds	bic inches)	ALL 755CSE / CE MODELS  Liftable (pop-up) keyboard to			dto	<ul> <li>OS/2 Warp 3.0 (dual boot) w/ BonusPak</li> <li>CompuServe Info Mgr™, IBM Works</li> <li>Internet Connection, Person to Person</li> </ul>		
Battery - type Battery - life Charge time - on / off	Nickel hydride (NiMH) / in 3.3 to 10 hours 1.7 hrs / 1.2 hrs	telligent		and remove ttery, and m		,	- HyperACCESS Lite™, Video IN - FaxWorks™, MM Viewer™ - IBM PC Card Director™ for PCMCIA - IBM ThinkPad Demo (except 340 MB mod		
Architecture Docking Station Port replicator PCMCIA™ 2.1 slots Serial / parallel ports Other features	AT bus (ISA) Dock I and II Port Replicator I and II 2 Type I or 2 Type II or 7 One 9 pin; 16550A / Enha APM-aware BIOS / Walln	anced Paralle	allow acc condition el Port (EPF		ring of I e fuel g	battery uage.	<ul> <li>Online Users Guide</li> <li>ThinkPad features</li> <li>1. Lotus<sup>®</sup> cc:Mail™, e-mail for Advantis<sup>®</sup> network</li> <li>2. Lotus Organizer™ 1.12</li> <li>3. Lotus ScreenCam™ 1.0</li> </ul>		
DSP function Data/fax modem Audio support Audio in/out jacks Telephone	Data/fax modem function 16 bit audio chip on plan Internal speaker (with dia Input jack / output jack su Telephone / answering ma	on via DSP nar with Mw ial volume c pports achine / full c	r with Mwave DSP volume control) and internal microphone orts hine / full duplex speakerphone ack) / IrDA 1.0 compatible / up to 1.15 Mbps disk password / Supervisor password / Hardware k / locking device keyhole (Kensington™ CMCIA card lock 11, OS/2 Warp 3.0, and all appls listed to right:				<ol> <li>Triton CoSession™ Host</li> <li>PRODIGY®; 6. America Online®</li> <li>SofNet FaxWorks™ Voice™ 3.0</li> <li>Video For Windows™ 1.1 Runtime</li> <li>Monologue (text to speech)</li> <li>Puma TranXit™ (infrared function)</li> <li>Taxi™</li> </ol>		
Infrared ports Security	Power-on password / Har	rd disk passv ock / locking					11. Taxi <sup>™</sup> 12. AlphaNet™FollowFax™ 13. SEDONA™REPRINT™ 14. COMPEL™Personal Edition 15. Audiofile <sup>®</sup> TalkWo <u>r</u> ks™		
Preinstalled software Warranty	IBM DOS 6.3, Windows™ 3 year - carry in or EasyS						16. Reuters <sup>SM</sup> Money <sup>®</sup> Network 17. Mwave Sampler (CD)		
The removed diskette	drive can be used	Compatibl	e in all Thin	kPad 360 far	mily, 75	50	FEATURES OF 755CSE / CE MODELS		

externally via the optional 'FDD E (includes cable and enclosure) to	The removed diskette drive can be used externally via the optional 'FDD External Kit' (includes cable and enclosure) to the Port Replicator Model I and II and Dock I and II.						
Diskette drive can be removed (fr  ① to reduce weight ② to insert cellular modem (CDF ③ to insert TV Tuner (for on scre VCR playback) ④ to insert PCMCIA Cartridge (7) ⑤ to insert 2.88 MB diskette ⑥ to add other third party options	PD) een TV and Type I, II, or III)						
Options for 755CSE / CE:							
NiMH Battery Pack II     760 NiMH Battery (black)     TV Tuner (CE only)     FDD External Attachment Kit	85G1513 41H9720 66G3689 66G3618						

Compatible in all ThinkPad 360 family, 750 family, 755 family:

-	Disks:	170 MB IDE	66G2847/9
		250 MB IDE	84G2391
		340 MB IDE	66G2849
		540 MB IDE	84G2150
		810 MB IDE	84G8250
-	Dock I	(1 slot / 1 bay)	3545001
-	Dock II	(2 slot / 2 bay)	3546001
-	Port Rep	olicator I (w/ PCMCIA)	66G3510
-	Port Rep	olicator II	66G3520
-	1.44 MB	diskette	std in newer
-	2.88 MB	diskette	66G0108

Options for 755CSE / CE:

- 1		
-	PCMCIA Cartridge	84G1301
-	Pentium/L2 upgrade	85G8609

ThinkPad IC DRAM memory for 700, 720, 750, 755 families are all compatible

#### FEATURES OF 755CSE / CE MODELS

Discharge battery via mouse click Discharge battery via mouse click
Battery life indicator
Non-disruptive battery exchange
Standby, suspend, and hibernation modes
US EPA Energy Star compliant
Personalized nameplate in molded indention
Personalization screen at startup. Personalization screen at startup
SelectaSystem™ capability to select operating
system choice 3 year warranty International Warranty Service

24 hour / 7 day telephone, bulletin board, fax, and electronic support IBM or dealer warranty/service Online Housecall (remote diagnostics) 30 day money back guarantee

December 1995

84G2151

92G7253

92G7255

92G7257

Memory Module Adapter 4 MB SO DIMM parity

8 MB SO DIMM parity 16 MB SO DIMM parity

## IIM ThinkPad 755CX - withdrawn

No DSP - 640 x	480	DSP - 800 x	600			ThinkPad 755CE except includes:			
Pentium® 75/50 N/A (standard in 256 KB / write-th Internal 3.5" 1.44	MHz Pentium) rough / direct m 4 MB () / suppor IA Cartridge or (	apped / 12 ns / s ts internal 2.88 l CDPD in diskette	soldered MB diskette e bay		D 256 KE D SVGA D Non-pa D Lithiur	entium 75/50 MHz 6 KB L2 cache /GA 800 x 600 LCD (on some models) on-parity memory thium ion battery (on two models) OS 7.0 (instead of DOS 6.3) and Mind Path Pro			
14 ms O Jun 95 / Jun 96		,	\$5,249 9545-HBE 85G8524 <b>810 MB</b> 14 ms 0 May 1995	9545-1 85G75 <b>1.2 GI</b> 12 ms	HBL 518 <b>B</b> O	PREINSTALLED APPLICATIONS  - IBM DOS 7.0 SelectaSystem™  - Windows 3.11  - OS/2 Warp 3.0 (dual boot) w/ selected BonusPak  - IBM PC Card Director™ for PCMCIA			
65,536 simultar Black Matrix TF 10.4 inch / 100 t	eous colors T - active matri o 1 contrast ratio	x D   10.4 inch / 1		ast ratio	0	IBM ThinkPad Demo     Online Users Guide     ThinkPad features; Diskette Factory     Lotus <sup>®</sup> cc:Mail™, e-mail for Global <sup>®</sup> network			
Western Digital / VL-Bus 2.0 local	External SVGA bus / 32 bit / Si	to 1024 x 768 v multaneous LCI	D and CRT / '	180 deg	gree tilt	Lotus Organizer™ 1.12     Lotus ScreenCam™ 1.0     Official Airline Guide® Flight Disk® 1.0			
1 socket (parity m 2, 4, 8, 16, 32 M work on opt	nemory supporte B ICs or 4, 8,16 ional Memory M	d but w/o parity) MB DIMMs that odule Adapter	1 1 open so ory card for 2 new DIMI	ocket for 40 MB M techn	r IC mem- max or nology for	5. Triton CoSession™ Host 6. PRODIGY®; 7. America Online® 8. SofNet FaxWorks™ Voice™ 3.0 9. Video For Windows™ 1.1 Runtime			
Yes (legs pop ou TrackPoint III™	ıt)	functions)	16 MB JEDI DIMMs on o	EC 72 p ptional	oin ŚO	<ul> <li>10. Monologue (text to speech)</li> <li>11. Puma TranXit™ (infrared function)</li> <li>12. Taxi™</li> <li>13. Second Nature Screen Saver</li> </ul>			
6.1 pounds						14. Farallon®Replica™ 15. AlphaNet™FollowFax™ 16. SEDONA™REPRINT™			
2.6 to 8 hours	Supports option	nal 3 to 9 hours 2-2.5 hrs / 1	.5-2 hrs	NiMH b	oattery	SELDMA™ REFRINT™     COMPEL™ Personal Edition     Audiofile® TalkWorks™     Reuters™ Money® Network			
2 Type i or 2 Ty One 9 pin; 16550	pe II or 1 Type II DA / one (IEEE P	allow acc condition 1284-A, EPP, E	curate monito and accurate ECP, bidirection	ring of b e fuel gu onal)	battery uage.	20. Mind Path™ Presentation F/X Pro			
None (but can or	der DSP upgrad	e) Data/fax me e) 16 bit audie	odem functi o chip on pla	on via l anar wi	DSP ith Mwave	DSP			
None (but can or	der DSP upgrad	e) Input jack si e) Telephone (	upports micro (w/ opt heads	ophone et)/ans	e / Output ja swering ma	ick supports headphone/speakers			
security loop / K	evboard lock / lo	password / Supe cking device ke	ervisor passw yhole (Kensir	ord / Hangton™	ardware lock) /	ThinkPad 755CX supported batteries:			
IBM DOS 7.0, Wi	ndows™ 3.11, O					- NiMH Battery Pack II 85G151 - Lithium Ion 85G856 - Li-Ion Battery Pack II 29H32			
	755	family:				- Travel Quick Charger 85G152 (for NiMH or Li-Ion)			
pps) ) bps) ction ceive (14.4 Kbps) m record and play ort (3-D effect) vave table synthes support (via Monologue) ion can use opt head wering machine akerphone deable (to 28.8 ar	- D   - D	250 MB 340 MB 540 MB 810 MB 810 MB 1.2 GB OOK I (1 slot / Oot Replicator I I Oot Replicator II 044 MB diskette 058 MB diskette 058 MB diskette 059 CMCIA Cartridg 059 External Att 050 CMCIA Communication II 050 Communication II 050 Communication II 050 CMCIA Cartridg 050 CMCIA CA	BIDE BIDE BIDE BIDE BIDE LOBE LOBE LOBE LOBE LOBE LOBE LOBE LOB	84G 84G 84G 354 354 66G 85G 66G 84G 66G 84G 66G 242	G2391 G2849 G2849 G8250 G8850 G88562 I5001 I6001 G3520 in newer G0108	FEATURES OF 755CX MODELS  Discharge battery via mouse click Battery life indicator Non-disruptive battery exchange Standby, suspend, and hibernation modes US EPA Energy Star compliant Personalized nameplate in molded indentic Personalization screen at startup 3 year warranty International Warranty Service 24 hour /7 day telephone, bulletin board, fax, and electronic support IBM or dealer warranty/service Online Housecall (remote diagnostics) 30 day money back guarantee			
	N/A (standard in 256 KB / write-th Internal 3.5" 1.4 Supports PCMC Not supported \$3,749 \$4 9545-SBJ 84G6381 540 MB	Internal 3.5" 1.44 MB ○ / support Supports PCMCIA Cartridge or 0 Not supported (Diskette bay is \$3,749 ♣ \$9545-SBJ 84G6381 \$9545-SBK 84G6381 \$9545-SBK 85G1669 \$10 MB □ ○ 14 ms ○ 14 ms ○ 15 Jun 95 / Jun 96  VGA color / 640 x 480 65,536 simultaneous colors Black Matrix TFT - active matrix 10.4 inch / 100 to 1 contrast ration WD90C24A (Rev C) with 1 MB E Western Digital / External SVGA VL-Bus 2.0 local bus / 32 bit / Si 8 MB / 40 MB 70 ns / non-parity 1 socket (parity memory supporte 2, 4, 8, 16, 32 MB ICs or 4, 8, 16 work on optional Memory M Full size alp/num / 85 (8 Fn key Yes (legs pop out) 1.7 x 8.3 x 1.96" (190 cubic incleance) 1.7 x 8.3 x 1.96" (190 cubic incleance) 1.7 rackPoint III™ Yes (with option cable)  1.7 x 8.3 x 1.96" (190 cubic incleance) 1.7 rhrs / 1.2 hrs Li-lon battery AT bus (ISA) Dock I and II Port Replicator I and II 2 Type I or 2 Type II or 1 Type II One 9 pin; 16550A / one (IEEE FAPM-aware BIOS / Universal ACO None (but can order DSP upgrade) None (but	N/A (standard in Pentium) 256 KB / write-through / direct mapped / 12 ns /s Internal 3.5" 1.44 MB ○ / supports internal 2.88 I Supports PCMCIA Cartridge or CDPD in diskettic Not supported (Diskette bay is called UltraBa \$3,749 ♣ 9545-SBJ 9545-SBK 84G6381 9545-SBK 85G1669 9545-MB 9545-SBK 85G8555 940 MB □ 14 ms ○ 14	N/A (standard in Pentium) 256 KB/ write-through / direct mapped / 12 ns / soldered Internal 3.5° 1.44 MB ⊃ / supports internal 2.88 MB diskette Supports PCMCIA Cartridge or CDPD in diskette bay Not supported (Diskette bay is called UltraBay**) 9545-SBJ 9545-SBK 9545-HBD 9545-HBE 85G8555 54 MB 954	256 KB / wite-through / direct mapped / 12 ns / soldered Internal 3.5" 1.44 MB ○ / supports internal 2.88 MB diskette Supports PCMCIA Cartridge or CDPD in diskette bay supports potential page of the page	NA/A (standard in Pentium)  256 KB / write-through / direct mapped / 12 ns / soldered Internal 3.5° 1.44 MB ○ / supports internal 2.88 MB diskette Supports PoMCIA Cartridge or CDPD in diskette bay is called UltraBay™  Not supported (Diskette bay is called UltraBay™)  3,3 / 49 ♣. \$4,449 ♣. \$4,449 ♣. \$5,249 \$5,699 \$9545-SBJ \$545-SBK \$9545-HBD \$9545-HBE \$856355 \$18466831 \$9545-SBK \$9545-HBD \$9545-HBE \$856355 \$1840 MBD ○ 14 ms ○			

ThinkPad EasyServ™: customer calls 1-800-772-2227, courier service picks up ThinkPad at any location, IBM repairs and mails back (no shipping charges, most shipping is overnight, 3 business days average turnaround). Overnight repair option in US available for \$99.

□ = Upgradeable ○ = Removable ♣ Price decrease effective November 7, 1995

≈ = Withdrawn from marketing effective June 1996

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#### IIM ThinkPad 755CV - withdrawn

IBM® ThinkPad®;	× 755CV	> 755CV Sa		Sa	me as ThinkPad 755CE except includes:	
	Projector LCD - DX4		Projector LCD - Pentium		1	Overhead projector LCD
Processor type L2 cache	IntelDX4™ 100/33 MHz None		ntium® 75/50 MHz 6 KB write-throug	h / 12ne		Supports optional lithium ion battery
	to Pentium 75/50 MHz which	123	direct mappe		•	Mind Path™ Remote Control IR55
	includes 256 KB L2 cache		64 bit to L2 /	32 bit to mem		F/X and software
Removable diskette	Internal 3.5" 1.44 MB O / sup Supports PCMCIA Cartridge,	ports inte	ernal 2.88 MB diske er. or CDPD in diske	tte ette bav		
Removable CD-ROM	Not supported (Diskette bay i					Integrated Mwave™ DSP provides:
Price	0545 0D I	٥	AE EDV OEAEEDV	9545-EBL /954	1EEDI	① Data modem function
Type-model / part Removable disk - size	9545-8BJ <b>540 MB □</b>		45-EBK/9545EBK <b>0 MB</b> □	1.2 GB	+DEBL	- V.22bis (2400 bps)
Removable disk - spd	14 ms O	14	ms O	12 ms O		- V.32 (9600 bps) - V.32bis (14.4 Kbps)
Avail / withdrawn date	May 95 / Jun 96	Se	pt 95 / Oct 96	Sept 95 / Oct 9	96	② Fax modem function
Display - type Display - colors	VGA color / 640 x 480 65.536 simultaneous colors					- G3 fax send/receive (14.4 Kbps)
Display - colors Display - techology	TFT - active matrix	•				<ul><li>3 Audio function</li><li>Stereo waveform record and playback</li></ul>
Display - diagonal size	10.4 inch / 100 to 1 contrast i					<ul> <li>Qsound™ support (3-D effect)</li> </ul>
Display - projector	Overhead projector LCD by	removii	ng back (includes	Stand and Stra	ap)	- 32 voice MIDI wave table synthesizer
Graphics - controller	WD90C24A2 with 1 MB DRA		04 v 760 m/ 056	oro (un to 75 11-	_,	- SoundBlaster™support - Text to speech (via Monologue)
Graphics - vendor Graph - arch/data path	Western Digital / External SV VL-Bus 2.0 local bus / 32 bit					Telephone function
Memory - std / max	8 MB / 40 MB 70 ns / parity		n-parity Memory	upgraded via		<ul> <li>Full telephone (can use opt headset)</li> <li>Telephone answering machine</li> </ul>
Mem - sockets empty	1 socket / 5 volt	•	① 1 opér	socket for IC m		- Full duplex speakerphone
Mem-options available	2, 4, 8, 16, 32 MB ICs or 4, 8, work on optional Memory			for 40 MB max o IMM technology		Software upgradeable (to 28.8 & DSVD)
Keyboard / # of keys	Full size alp/num / 85 (8 Fn k		may of 4	0 MB with 4, 8, c		PREINSTALLED APPLICATIONS
Keyboard slope	Yes (legs pop out) Incl	ludes Min	<sub>ud Dáth™</sub> 16 MB JE	DEC 72 pin SC		
Mouse/pointing	TrackPoint III™ Rer	note Con		n optional Memo danter	ory	- IBM DOS 7.0 SelectaSystem™ - Windows 3.11
Ext keyboard support		5 F/X	Liftable (pop-u			- OS/2 Warp 3.0 (dual boot) w/ selected
Dimensions Color	11.7 x 8.3 x 1.96" (190 cubic Black	incries)	access and rem		rive.	BonusPak - IBM PC Card Director™ for PCMCIA
Weight (with battery)	6.6 pounds		disk, battery, a		-,	- IBM ThinkPad Demo
Battery - type	Nickel hydride (NiMH) / intellig	gent				- Online Users Guide
Battery - life Charge time - on / off	3.3 to 10 hours 1.7 hrs / 1.2 hrs <b>all sup</b>		6 to 8 hours ional Lithium Ion	see below)		<ul> <li>ThinkPad Features Program</li> <li>Diskette Factory</li> </ul>
Architecture	AT bus (ISA)	opt	Intelligent battery	· ,	or to	<ol> <li>Lotus<sup>®</sup> cc:Mail<sup>™</sup>, e-mail for Global<sup>®</sup></li> </ol>
Docking Station	Dock I and IÍ		allow accurate mo	nitoring of batte	ery	network 2. Lotus Organizer™ 1.12
Port replicator	Port Replicator I and II	۱۱۱ م	condition and acc	urate tuel guage	€.	<ol> <li>Lotus ScreenCam™ 1.0</li> </ol>
PCMCIA™ 2.1 slots Serial / parallel ports	2 Type I or 2 Type II or 1 Typ One 9 pin; 16550A / one (IEE	ле III E P1284	-A. EPP. ECP. bidir	ectional)		4. Triton CoSession™ Host
Other features	APM-aware BIOS / Universal	AC adap	oter (35 watts) / Sel	ectable boot		<ol> <li>PRODIGY<sup>®</sup>;</li> <li>America Online<sup>®</sup></li> <li>SofNet FaxWorks<sup>™</sup> Voice<sup>™</sup> 3.0</li> </ol>
DSP function	Mwave MDSP2780 DSP with		n, fax, audio, telep	hony function		<ol> <li>Video For Windows™ 1.1 Runtime</li> </ol>
Data/fax modem	Data/fax modem function vi		ave DSP			9. Monologue (text to speech)
Audio support	Internal speaker (with dial v			al microphone		10. Puma TranXit™ (infrared function) 11. Taxi™
Audio in/out jacks	Input jack / output jack		,	•		12. AlphaNet™ FollowFax™
Telephone Infrared ports	Telephone (w/ opt headset) / Infrared ports (front and ba				ne	13. SÉDONA™ REPRINT™ 14. COMPEL™ Personal Edition
Security	Power-on password / Hard di		<u> </u>	<b>.</b>	vare	<ul> <li>15. Audiofile<sup>®</sup> TalkWorks™</li> <li>16. Reuters<sup>sM</sup> Money<sup>®</sup> Network</li> </ul>
200411,	security loop / Keyboard lock	/locking	device keyhole (Ke	nsington™		16. Reuters <sup>SM</sup> Money <sup>®</sup> Network
Desired Heat 6	MicroSaver <sup>™</sup> cable lock) / PC			anda Bara de 1919	l. 1	<ul> <li>17. Asymetrix 3D F/X</li> <li>18. Mind Path™ Presentation F/X Pro</li> </ul>
Preinstalled software Warranty	IBM DOS 7.0, Windows™ 3.11 <b>3 year</b> - ThinkPad EasyServ					
Ships standard w/ Min			le in all ThinkPad 3	60 family, 750		
<ul> <li>Wireless, hand held r</li> <li>Uses infrared to com</li> </ul>		amily, 75 Disks:	5 family: 170 MB IDE	66G2847	7/9	
away	mumoate up to 45 leet		250 MB IDE	84G239	1	
- Includes 5 buttons fo			340 MB IDE 540 MB IDE	66G2849 84G2150		FEATURES OF 755CV MODELS
- Permits full control of			810 MB IDE	84G8250		
- Allows 20 real-time s	esentation F/X software	D	1.2 GB IDE	85G8562	2	Discharge battery via mouse click Battery life indicator
- Includes zoom, telest		Dock I	(1 slot / 1 bay) (2 slot / 2 bay)	3545001 3546001		Non-disruptive battery exchange
magnify, and others	-	Port Re	eplicator I (w/ PĆM0	CIA) 66G3510	0	Standby, suspend, and hibernation modes US EPA Energy Star compliant
- Works with all Windo	ws applications	Port Pa	nlicator II`	66G3520	n II	OO LI A LIIGIYY Olai CUIIIPIIAIIL

Battery life indicator Non-disruptive battery exchange Standby, suspend, and hibernation modes US EPA Energy Star compliant Personalized nameplate in molded indention Personalization screen at startup International Warranty Service 24 hour / 7 day telephone, bulletin board, fax, electronic, and Internet (http:\\www.pc.ibm.com) support IBM or dealer warranty/service Online Housecall (remote diagnostics)

- Lithium Ion 85G8561 - Li-Ion Battery Pack II (Pentium only) 29H9329 ThinkPad IC DRAM memory for 700, 720, 750, 755 families are all compatible.

ThinkPad 755CV supported batteries:

- NiMH Battery Pack II

Easy-Setup by holding F1 when turning on

2.88 MB diskette 66G0108 Options for 755CV: PCMCIA Cartridge 84G1301 66G3689 TV Tuner 66G3618 FDD External Attachment Kit Pentium/L2 upgrade (DX4 mod) 85G8609 Cooling Fan Kit (for overhead) 29H8000

Port Replicator II

1.44 MB diskette

66G3520

std in newer

ThinkPad EasyServ™: customer calls 1-800-772-2227, courier service picks up ThinkPad at any location, IBM repairs and mails back (no shipping charges, most shipping is overnight, 3 business days average turnaround). Overnight repair option in US available for \$99. ■ = Upgradeable O = Removable; > = Withdrawn from marketing

85G1513

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	× 755CD				Thin	kPad 755CD strengths over 755CE / CSE:		
Processor type L2 cache Processor / L2 upgrade Removable diskette	TFT color - DX4 IntelDX4™ 100/33 MHz None to Pentium 75/50 MHz whi includes 256 KB L2 cac Internal 3.5" 1.44 MB ○ / s	ne supports int	' 64 bit to∃ ternal 2.88 MB disk	MHz ough / 12 ns apped / soldered L2 / 32 bit to mem	⇔ Re ⇔ Vid ⇔ Jo	<ul> <li>Mobile multimedia - exceeds MPC2 standa</li> <li>Removable, double speed, 5.25" CD-ROM</li> <li>Video card (acceleration, composite in/ou</li> <li>Joystick/MIDI port</li> <li>Stereo speakers</li> </ul>		
Pamayahla CD POM	Supports PCMCIA Cartrid	ge in diske	tte bay	A /front looded /	IDE	The left bay (UltraBay™) supports either the		
	Oct 1994 / Jun 96 Oct 94	BE 3 / 14 ms / Jun 96	9545-FBK <b>810 MB</b> / 14 ms Sept 95 / Jun 96	9545-FBL 1.2 GB / 12 ms Sept 95 / Jun 96	IDE	standard diskette drive or standard CD-ROM. CD-ROM ships in this bay from factory.  Liftable (pop-up) keyboard to access and		
Display - type Display - techology Display - diagonal size	VGA color / 640 x 480 / 65 Black Matrix TFT - active 10.4 inch / 100 to 1 contra	matrix	Iltaneous colors			remove CD-ROM, diskette drive, disk, battery, and memory		
Graphics - controller Graphics - vendor Graph - arch/data path	WD90C24A2 with 1 MB D Western Digital / External VL-Bus 2.0 local bus / 32 b	SVGA to 1				Integrated Mwave™ DSP provides:  ① Data modem function  - V.22bis, V.32, V.32bis (14.4 Kbps)		
	8 MB / 40 MB 70 ns / par 1 socket / 5 volt 2, 4, 8, 16, 32 MB ICs or 4, work on optional Mem	8, 16 MB [	e Adanter IVIEMO	ry upgraded via en socket for IC m	nem-	<ul> <li>2 Fax modem function         <ul> <li>G3 fax send/receive (14.4 Kbps)</li> </ul> </li> <li>3 Audio function         <ul> <li>Stereo waveform record and playback</li> <li>Qsound support (3-D effect)</li> </ul> </li> </ul>		
Keyboard / # of keys Keyboard slope Mouse/pointing Ext keyboard support	Full size alp/num / 85 (8 F Yes (legs pop out) TrackPoint III™ Yes (with option cable)	n key func	tions) ory car ② new max of	rd for 20 MB max of DIMM technology 40 MB with 4, 8, of DEC 72 pin SO DI	or for or 16	<ul> <li>32 voice MİDİ wave table synthesizer</li> <li>SoundBlaster™ support; Text to speech</li> <li>Telephone function</li> <li>Full telephone (can use opt headset)</li> </ul>		
Dimensions Color Weight(w/batt/CD-ROM)	11.7 x 8.3 x 2.2" (214 cubi Black 7.3 pounds	c inches)	on opti Adapte	onal Memory Moder.	ule	<ul> <li>Telephone answering machine</li> <li>Full duplex speakerphone</li> <li>Software upgradeable (to 28.8 &amp; DSVD)</li> </ul>		
Battery - type Battery - life Charge time - on / off	Nickel hydride (NiMH) / int 3 to 9 hours 1.7 hrs / 1.2 hrs	elligent	Nickel hydride (N 2.5 to 8 hours 1.7 hrs / 1.2 hrs	iMH) / intelligent Supports optional l		PREINSTALLED APPLICATIONS - IBM DOS 6.3 (DOS 7.0 on Pentium mod)		
Architecture Docking Station Port replicator PCMCIA™ 2.1 slots Serial / parallel ports Other features	AT bus (ISA) Dock I and II Port Replicator I and II 2 Type I or 2 Type II or 1 One 9 pin; 16550A / one (I APM-aware BIOS / Univer	EÉÉ P128			)MA	<ul> <li>Windows 3.11 (dual boot)</li> <li>OS/2 Warp 3.0 w/ selected BonusPak</li> <li>IBM PC Card Director™ for PCMCIA</li> <li>IBM ThinkPad Demo</li> <li>Online Users Guide</li> <li>ThinkPad Features</li> <li>Lotus® cc:Mail™, e-mail for Advantis®</li> </ul>		
Video function (below) DSP function Data/fax modem Audio support	Daughtercard with video Mwave MDSP2780 DSP v Data/fax modem function 16 bit audio chip on plan Int stereo speakers .5 wa	vith mode n via DSP ar with Mv	m, fax, aŭdio, tele wave DSP	phony function	ne	network; 2. Lotus Organizer™ 1.12 3. Lotus ScreenCam™ 1.0 4. Triton CoSession™ Host 5. PRODIGY®; 6. America Online® 7. SofNet FaxWorks™ Voice™ 3.0		
Audio in/out jacks Telephone Infrared ports	Input jack / output jack Telephone / answering ma Infrared ports (front and	chine / full	duplex speakerph	one		8. Video For Windows™ 1.1 Runtime 9. Monologue (text to speech) 10. Puma TranXit™; 11. Taxi™		
Security	Power-on password / Hard security loop / Keyboard lo MicroSaver™ cable lock)	disk password / Supervisor password / Hardware ck / Locking device keyhole (Kensington™ PCMCIA card lock				<ul> <li>12. AlphaNet™ FollowFax™</li> <li>13. REPRINT™; 14. COMPEL™ PE</li> <li>15. TalkWorks™; 16. Reuters™ Money® Ne</li> <li>17. Asymetrix® Digital video Producer™</li> </ul>		
Preinstalled software Warranty		, OS/2 Warp 3.0, and all appls listed to right: v (optional Overnight Repair Service) or carry-in			-in	<ul> <li>18. Mind Path™ Presentation F/X Pro</li> <li>19. CD-ROM Catalog/Sampler</li> </ul>		
Enhanced Video Card in 755CD provides:  - Acceleration of 'Video for Windows™ motion video with scaling and interpolation of image.  Video may be scaled up to full screen without  Compatible in all ThinkPad 360 family, 750 family, 755 family:  - Disks: 170 MB IDE 66G2847/9  250 MB IDE 84G2391				To use diskette and CD-ROM simultaneously, need FDD External Kit and one of four docking solutions				
frame rate degredati	d up to full screen without on. S-Video in for video		340 MB IDE 540 MB IDE 810 MB IDE	66G2849 84G2150 84G8250	9	ThinkPad IC DRAM memory for 700, 720, 750, 755 families are all compatible		

- capture (capture and digitize video from a TV or VCR), still image capture (capture and digitize still photo images), and overlay (view video on LCD like with a TV, VCR, or camcorder without capturing it to disk). So can hook up a TV or VCR and run it on the ThinkPad screen.
- Composite out and S-Video out to TV meaning use a TV as if an external display (connect to video out port; NTSC or PAL); or record on a VCR the contents of the 755CD screen.
- Mini game port for MIDI or joystick (includes MIDI/joystick cable)
- Includes a video in and video out port (includes two video in/out cables)
- Use software called Digital Video Producer™

-	Disks:	170 MB IDE	66G2847/9
		250 MB IDE	84G2391
		340 MB IDE	66G2849
		540 MB IDE	84G2150
		810 MB IDE	84G8250
		1.2 GB IDE	85G8562
-	Dock I	(1 slot / 1 bay)	3545001
-	Dock II	(2 slot / 2 bay)	3546001
-		olicator I (w/ PCMCIA)	66G3510
-	Port Rep		66G3520
	1.44 MB		std in newer
-	2.88 MB	diskette	66G0108

ı	O	ptions for 755CD:	
	-	PCMCIA Cartridge	84G1301
ı	-	NiMH Battery Pack II	85G1513
		Lithium Ion Battery (Pentium only)	
ı	-	Li-Ion Batt Pack II (Pentium only)	29H9329
ı	-	CDPD Mobile Module	71G2560
		FDD External Attachment Kit	66G3618
ı	-	Pentium/L2 upgrade (DX4 mod)	29H8755

#### FEATURES OF 755CD MODELS

Discharge battery via mouse click Battery life indicator Non-disruptive battery exchange

Standby, suspend, and hibernation modes US EPA Energy Star compliant

Personalized nameplate in molded indention

Personalization screen at startup International Warranty Service

24 hour / 7 day telephone, bulletin board, fax, electronic, and Internet (http:\\www.pc.ibm.com) support IBM and dealer warranty/service

Online Housecall (remote diagnostics)

ThinkPad EasyServ™: customer calls 1-800-772-2227, courier service picks up ThinkPad at any location, IBM repairs and mails back (no shipping charges, most shipping is overnight, 3 business day average turnaround). Overnight repair option in US available for \$99. □ = Upgradeable; ○ = Removable; ➢ = Withdrawn from marketing

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IBM® ThinkPad®:	≈ 755CDV		≈ 755CDV			e features as ThinkPad 755CD except		
				ctor LCD - Pentium	inclu	ides:		
Processor type L2 cache	IntelDX4™ 100/33 None	MHZ				verhead projector LCD		
Processor / L2 upgrade			direct m	napped / soldered b L2 / 32 bit to mem		upports optional lithium ion battery ind Path™ Remote Control IR55 F/X		
Removable diskette	Internal 3.5" 1.44 I Supports PCMCIA		ts internal 2.88 MB			Integrated Mwave™ DSP provides:		
Removable CD-ROM				and XA / front loade	d	<ul><li>Data modem function</li><li>V.22bis (2400 bps)</li></ul>		
Price Type - model / part Removable disk - size Avail / withdrawn date		9545-ABK <b>810 MB</b> / 14 Jun95 / Jun96	9545GBK <b>810 MB</b> / 14 ms Sept 95 / Oct 96	9545-GBL 1.2 GB / 12ms Sept 95 / Oct 96		<ul> <li>V.32 (96)00 bps)</li> <li>V.32bis (14.4 Kbps)</li> <li>Fax modem function</li> <li>G3 fax send/receive (14.4 Kbps)</li> </ul>		
Display - type Display - techology Display - diagonal size Display - projector		<b>ix</b> 1 contrast ratio	1	ors ludes Stand and Stra	p)	<ul> <li>③ Audio function</li> <li>Stereo waveform record and playba</li> <li>Qsound™ support (3-D effect)</li> <li>32 voice MIDI wave table synthesize</li> <li>SoundBlaster™ support: Text to spe</li> </ul>		
Graphics - controller Graphics - vendor Graph - arch/data path	VL-Bus 2.0 local b	xternal SVGA ous / 32 bit / Si	to 1024 x 768 w/ 2 multaneous LCD a	256 colors (up to 75 Hz and CRT / 180 degree		Telephone function     Full telephone (can use opt headset     Telephone answering machine		
Memory - std / max Mem - sockets empty Mem-options available	2, 4, 8, 16, 32 MB I	ICs or 4, 8, 16 I	VID DIIVIIVIS IIIAL	emory upgraded via 1 open socket for IC n	nem-	- Full duplex speakerphone  Software upgradeable (to 28.8 & DS		
Keyboard / # of keys Keyboard slope Mouse/pointing Ext keyboard support	work on option Full size alp/num / Yes (legs pop out) TrackPoint III <sup>TM</sup> Yes (with option ca	Inclue Path	functions) or 2 des Mind m Remote M	y card for 40 MB max new DIMM technology ax of 36 MB with 4, 8, B JEDEC 72 pin SO D	or y for or 16 IIMMs	PREINSTALLED APPLICATIONS  - IBM DOS 7.0 SelectaSystem™  - Windows 3.11  - OS/2 Warp 3.0 (dual boot) w/ selected BonusPak		
Dimensions Color Weight (with battery)	11.7 x 8.3 x 2.2" (2 Black 7.45 pounds			dapter.	luie	<ul> <li>IBM PC Card Director™ for PCMCIA</li> <li>IBM ThinkPad Demo</li> <li>Online Users Guide</li> </ul>		
Battery - type Battery - life Charge time - on / off	Nickel hydride (Nil 3 to 9 hours 1.7 hrs / 1.2 hrs	Supports opt	Nickel hydride (N 2.5 to 8 hours 1.7 hrs / 1.2 hrs	liMH) / smart Supports Lithium io		<ul> <li>ThinkPad Features; Diskette Factory</li> <li>Lotus® cc:Mail™, e-mail for Global® network; 2. Lotus Organizer™ 1.12</li> <li>Lotus ScreenCam™ 1.0</li> </ul>		
Architecture Docking Station Port replicator PCMCIATM 2.1 slots Serial / parallel ports Other features	AT bus (ISA) Dock I and II Port Replicator I at 2 Type I or 2 Typ One 9 pin; 16550A APM-aware BIOS	e II or 1 Type A / One (IEEE F	when turning III P1284-A, EPP, EC			<ol> <li>Triton CoSession™ Host</li> <li>PRODIGY®; 6. America Online®</li> <li>SofNet FaxWorks™ Voice™ 3.0</li> <li>Video For Windows™ 1.1 Runtime</li> <li>Monologue (text to speech)</li> <li>Puma TranXit™; 11. Taxi™</li> </ol>		
Video function (below) DSP function Data/fax modem Audio support Audio in/out jacks	Daughtercard wit Mwave MDSP278 Data/fax modem 16 bit audio chip Internal stereo sp Input jack / output	80 DSP with m function via D on planar with peakers .5w (v	none	12. AlphaNet™ FollowFax™ 13. REPRINT™; 14. COMPEL™ PE 15. TalkWorks™; 16. Reuters™ Money 17. Asymetrix® Digital Video Producer¹ 18. Mind Path™ Presentation F/X Pro 19. Asymetrix 3D F/X				
Telephone Infrared ports	Telephone / answe	éring machine .		erphone le / up to 1.15 Mbps	-	20. CD-ROM Catalog/Sampler  The left bay (UltraBay™) supports either t		
Security	Power-on password / Hard disk password / Supervisor password / Hardware security loop / Keyboard lock / Locking device keyhole (Kensington™ Microsaver cable lock) / PCMCIA card lock							
Preinstalled software Warranty	IBM DOS 7.0, Wind 3 year - ThinkPad	dows™ 3.11, O EasyServ (opt	S/2 Warp Version tional Overnight Re	3 and all appls listed to epair Option) or carry-i	in	To use diskette and CD-ROM simultaneously, need FDD External Kit and one of		
Enhanced Video Card in 755CDV provides:  - Acceleration of 'Video for Windows™ motion video with scaling and interpolation of image.  Video move a cooled up to full group without.  Compatible in all ThinkPad 360 family, 750 family, 755 family:  - Disks: 170 MB IDE 66G2847/S 250 MB IDE 84G2391					47/9	docking solutions Liftable (pop-up) keyboard to access and remove CD-ROM, diskette drive, disk, battery, and memory		

- Video may be scaled up to full screen without frame rate degredation.

  Composite in and S-Video in for video
- capture (capture and digitize video from a TV or VCR), still image capture (capture and digitize still photo images), and overlay (view video on LCD like with a TV, VCR, or camcorder without capturing it to disk). So can hook up a TV or VCR and run it on the ThinkPad screen.
- Composite out and S-Video out to TV meaning use a TV as if an external display (connect to video out port; NTSC or PAL); or record on a VCR the contents of the 755CD screen.
- Mini game port for MIDI or joystick (includes MIDI/joystick cable)
- Includes a video in and video out port (includes two video in/out cables)
  Use software called Digital Video Producer™

lairing, 100	rarriny.	
- Disks:	170 MB IDE	66G2847/9
	250 MB IDE	84G2391
	340 MB IDE	66G2849
	540 MB IDE	84G2150
	810 MB IDE	84G8250
	1.2 GB IDE	85G8562
- Dock I	(1 slot / 1 bay)	3545001
<ul> <li>Dock II</li> </ul>	(2 slot / 2 bay)	3546001
<ul> <li>Port Rep</li> </ul>	olicator I (w/ PCMCIA)	66G3510
- Port Rep		66G3520
- 2.88 MB	diskette	66G0108
Options for	·755CDV:	

NiMH Battery Pack II 85G1513 Lithium Ion battery 85G8561 Li-Ion Batt Pack II (Pentium only) 29H9329 CDPD Mobile Module 71G2560 PCMCIA Cartridge 84G1301

Pentium/L2 upgrade (DX4 mod) 29H8755 Cooling Fan Kit (for overhead) 29H8000

- playback
- thesizer
- to speech
- eadset)
- 8 & DSVD)

#### ONS

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ss and isk, battery, and memory Exceeds MPC2 standard

#### **FEATURES OF 755CDV MODELS**

Discharge battery via mouse click Battery life indicator Non-disruptive battery exchange Standby, suspend, and hibernation modes US EPA Energy Star compliant Personalized nameplate in molded indention Personalization screen at startup International Warranty Service 24 hour / 7 day telephone, bulletin board, fax, electronic, and Internet (http://www.pc.ibm.com) support IBM warranty/service

Online Housecall (remote diagnostics)

ThinkPad IC DRAM memory for 700, 720, 750, 755 families are all compatible.

ThinkPad EasyServ™: customer calls 1-800-772-2227, courier service picks up ThinkPad at any location, IBM repairs and mails back (no shipping charges, most shipping is overnight, 3 business days average turnaround). Overnight repair option in US available for \$99. ■ = Upgradeable O = Removable; ≈ = Withdrawn from marketing

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#### 亞州 ThinkPad 760L - withdrawn

IBM® ThinkPad®:	<b>≈ 760L</b> 10.4" TFT color		Think	ThinkPad 760L strengths:			
Processor type Processor speed Processor upgrade L2 cache Removable diskette Removable CD-ROM	Pentium® (P54LM) / 64 b 90/60 MHz to Pentium 120/60 MHz 256 KB / write-through / di Internal 3.5" 1.44 MB Q / r	lirect mapped / 10 ns / synchronous / soldered no rear connector for diskette drive			<ul> <li>Automated tilt up keyboard / palm rest space</li> <li>UltraBay: 2nd disk, 2nd battery, diskette</li> <li>Two high speed infrared ports</li> <li>Integrated audio / speakers / microphone</li> <li>16.7 million simultaneous color LCD</li> </ul> Differences between 760L and 760LD:		
Price Type - model Preload (see side) Part number Avail / withdrawn date Remv disk - size / ms	9547-U01 9547-U0 SelectaSys Window 9547U01 9547U0 Feb 96 / Oct 96 Feb 96, 810 MB / 13 ms / EIDEO	Pallette of 24 systems 9547-U0R ws 95 Blank 0A 9547U0R 6 / Oct 96 Feb 96 / Oct 96			760L 760LD  Iternal CD-ROM Removable CD-ROM 1.96" height 5x / 169 cu in 7.11 lbs / 190 cu in 5urts 12 mm disks Supports 1.2 GB disks		
Display - diagonal size Display - type Display - techology	VGA color / 640 x 480 / 16 Black Matrix TFT - active	matrix / 100 to 1 o			GB max capacity t FDD port  Ext. FDD port on back Price		
	Trident™ CYBER9320 with External SVGA to 1024 x VL-Bus 2.0 local bus / 32 b	768 w/ 256 colors u oit / Simultaneous	LCD/CRT / 180 degree t	ilt			
Memory - std / max Mem - upgrade	8 MB / 64 MB 70 ns / nor 2 sockets for two JEDEC 88	i-parity / 3.3 volt / fa pin EDO SO DIMM	ast page s of 8 or 16 MB (acts like	fast page)	SELECTASYSTEMPRELOAD		
Keyboard / # of keys Keyboard slope Pointing / palm rest Ext keyboard support	Full size alp/num / 85 (8 F Automted tilt up keyboar TrackPoint III <sup>TM</sup> / integrat Yes (with option cable)	<b>d</b> (5.5 degrees)	Liftable (pop-up) key access and remove d drive, 1st/2nd disk, a 1st/2nd battery	liskette	- IBM DOS 7.0 - Windows 3.11 - OS/2 Warp 3.0 (dual boot) w/ selected BonusPak		
Dimensions (cubic in) Weight (with battery) Battery - type Battery - life (1 batt) Battery - life (2 batt) Charge time - on / off	11.7 x 8.3 x 1.74" (169) 6.51 pounds NiMH / intelligent / Optiona 3 hours 6 hours 1.7 hrs / 1.2 hrs	al Lithium Ion		- IBM PC Card Director™ 3.0 - Online Users Guide - ThinkPad Features Program - Diskette Factory 1. Triton CoSession™ Host 2. PRODIGY® - 3. SofNet FaxWorks™ 4. Video For Windows™ 1.1 Runtime 5. Puma TranXit™ 6. CompuServ for Windows 7. NetFinity for Windows and OS/2  WINDOWS 95 PRELOAD - Microsoft Windows 95 - Online User's Guide - ThinkPad Features Program - Diskette Factory 1. Triton CoSession™ Host 2. PRODIGY® 3. SofNet FaxWorks™ 4. Puma TranXit™ 5. Compuserv for Windows 9. NetFinity for Windows 95			
Architecture  Docking Station Port replicator PCMCIA™ 2.1 slots Serial / parallel ports Other features	ISA (EIDE, audio, PCMCI/ VL-Bus 2.0 / 32 bit / 33 MF Dock I and II Port Replicator I and II 2 Type I or 2 Type II or 1 One 9 pin; 16550A / one (I APM-aware BIOS / Univer	Iz (graphics) Type III EEE P1284-A, EPI	,				
Motion video accel MPEG decoder DSP function Data/fax modem Audio support  Audio in/out jacks Infrared ports Telephone	None None None 16 bit audio chip / 18 voic Int stereo speakers / .5 w Input jack (3.5 mm) / outpu Infrared ports (front and None	ratt / slide volume it jack (3.5 mm)	-				
Security	device keyhole (Kensingto	disk password / Supervisor password / Locking n™ MicroSaver™ cable lock) / Security latch for uires Kensington) / PC Card lock			9. Neti ility for williaws 33		
Preinstalled software Warranty	Choice of two preloaded co 3 year - ThinkPad EasySe	onfigurations (listed erv (optional Overni	d to right) ght Repair Option) or ca	rry-in			
The left bay (UltraBay 1) 2nd disk 2) 2nd battery 3) std diskette drive		Compatible in Th	ninkPad 760 family: 50/755 IDE disks not sup 0 II EIDE 12.5 mm 2	ported) 9H9383			
2.88 MB diskette d     PCMCIA Cartridge     IBM Wireless Mode (option)  Easy-Setup is entere turning on.		1.08 GB HDI 1.2 GB HDD - Second HDD - Dock I (1 slot - Dock II (2 slot	DII EIDE 12.5 mm 2 II (LD/CD only)17 mm 2 Adapter / 1 bay) 3 t / 2 bay) 3 or I (w/ PCMCIA) 6 or II 6 title 6 tridge 8	9H9319	FEATURES OF 760 MODELS  Product Map; LCD indicator panel LCD of remaining battery life LCD icons for two batteries Plug and Play 1.0a Discharge battery via mouse click Non-disruptive battery exchange Standby, suspend, and hibernation modes US EPA Energy Star compliant		
battery in both battery	y bay and UltraBay. sk capacity on 760L is	- Li-lon Battery - Travel Quick 0 - FDD External	y Pack II (gray) 2 Charger 8 Attachment Kit 6 //60 MHz upgrade 2	9H9329 5G1522 6G3618 9H9340	Personalized nameplate in indention Personalization screen at startup International Warranty Service 24 hour / 7 day telephone, bulletin board, fax, electronic, and Internet		

Car Battery Adapter
ThinkPad AC Adapter (50 watts)
8 MB SO DIMM 3.3v non-parity EDO
16 MB SO DIMM 3.3v non-parity EDO
ThinkPad headset

49G2167 66G3541 92G7315 92G7316 85G1301 24 hour / 7 day telephone, bulletin board, fax, electronic, and Internet (http://www.pc.ibm.com) support IBM and dealer warranty/service

Online Housecall (remote diagnostics)

IBM <sup>®</sup> ThinkPad <sup>®</sup> :		Think	nkPad760LD strengths:				
Processor type Processor upgrade L2 cache Removable diskette Removable CD-ROM	10.4" TFT color - CD-ROM Pentium® 90/60 MHz (P5 to Pentium 120/60 MHz 256 KB/write-through / di 3.5" 1.44 MB O / use in UI 5.25" CD-ROMO / 4 x spec EIDE / PIO Mode 3 (ATAPI)	64LM) / 64 bit to L2 cac rect mapped / 10 ns / s traBay or attach exterr ed / multi-session / XA	<ul><li>Aut</li><li>Ultr</li><li>Twe</li><li>Inte</li></ul>	Removable, 4 x speed, 5.25" CD-ROM Automated tilt up keyboard / palm rest spac JltraBay: 2nd disk, 2nd battery, diskette Fwo high speed infrared ports ntegrated audio / speakers / microphone 16.7 million simultaneous color LCD			
Price Type - model (part) Preload (see side) Avail / withdrawn date Remv disk - size / ms	SelectaSystem	9547-U3A (9547U3A) Windows 95 Feb 96 / Oct 96 / PIO Mode 4	Pallete of 24 systems 9547-U3R (9547U3R) Blank Feb 96 / Oct 96		The left bay (UltraBay™) supports: ① 2nd disk ② 2nd battery ③ std diskette drive ④ std CD-ROM		
Display - diagonal size Display - type Display - techology	10.4 inch VGA color / 640 x 480 / 1 Black Matrix TFT - active				© 2.88 MB diskette (option) © PCMCIA Cartridge (option) © IBM Wireless Modem ARDIS (option) © IBM Wireless Modem for Cellular/		
Graphics - controller Graphics - external Graph - arch/data path	Trident™ CYBER9320 with External SVGA to 1024 x VL-Bus 2.0 local bus / 32 b	768 w/ 256 colors up to	o 75 Hz O and CRT / 180 degree		CDPD (option)		
Memory - std / max Memory - upgrade	8 MB / 64 MB 70 ns / nor 2 sockets for two JEDEC 88			page)	- IBM DOS 7.0		
Keyboard / # of keys Keyboard slope Pointing / palm rest Ext keyboard support	Full size alp/num / 85 (8 F Automated tilt up keyboo TrackPoint III™ / integrat Yes (with option cable)	ard (5.5 degrees) ted palm rest			<ul> <li>Windows 3.11</li> <li>OS/2 Warp 3.0 (dual boot) w/ selected BonusPak</li> <li>IBM PC Card Director™ 3.0</li> <li>Online Users Guide</li> </ul>		
Dimensions Weight (with CD-ROM)	11.7 x 8.3 x 1.96" (190 cub 7.11 pounds		pop-up) keyboard to ac	ccess	<ul><li>ThinkPad Features Program</li><li>Diskette Factory</li></ul>		
Battery - type Battery - life (1 batt) Battery - life (2 batt) Charge time - on / off	NiMH/intelligent 3 hours Lithiu 6 hours 1.7 hrs / 1.2 hrs	nal and remo	ve CD-ROM, diskette o isk, and 1st/2nd batter cceeds MPC2 standard	drive, 'y d	<ol> <li>Triton CoSession™ Host</li> <li>PRODIGY®</li> <li>SofNet FaxWorks™</li> <li>Video For Windows™ 1.1 Runtime</li> <li>Puma TranXit™</li> </ol>		
Architecture  Docking Station Port replicator PCMCIA™ 2.1 slots Serial / parallel ports Other features	ISA (EIDE, audio, PCMCIA VL-Bus 2.0 / 32 bit / 33 Mb Dock I and II Port Replicator I and II 2 Type I or 2 Type II or 1 One 9 pin; 16550A / one (I APM-aware BIOS / Univer	nz (graphics) Type III EEE P1284-A, EPP, E	CP, bidirectional)		6. CompuServ for Windows 7. NetFinity for Windows and OS/2 WINDOWS 95 PRELOAD - Microsoft Windows 95 - Online User's Guide		
Motion video accel MPEG decoder DSP function Data/fax modem Audio support Jacks Telephone	None None None 16 bit audio chip / 18 voi Int stereo speakers / .5 w Input jack (3.5 mm) / Outpu None	ce MIDI FM synthesis vatt / slide volume cou ut jack (3.5 mm)		<ul> <li>ThinkPad Features Program</li> <li>Diskette Factory</li> <li>1. Triton CoSession™ Host</li> <li>2. PRODIGY®</li> <li>3. SofNet FaxWorks™</li> <li>4. Puma TranXit™</li> <li>5. Compuserv for Windows</li> <li>9. NetFinity for Windows 95</li> </ul>			
Infrared ports Security	Infrared ports (front and Power-on password / Hard device keyhole (Kensingto keyboard and DIMMS (red	d disk password / Supe on™ MicroSaver™ cab	ervisor password / Locki le lock) / Security latch	ina			
Preinstalled software Warranty	Choice of two preload con 3 year - ThinkPad EasySe	figurations (listed to rig	ht)	-in			
760L/LD	760L/LD and 760C/CD:	720 MB HDD II E	'55 IDE disks not suppo EIDE 12.5 mm 29H	19383    19313			
Pentium 90/60 MHz All 10.4" TFT VGA 640 x 480 LCD	Pentium 120/60 or 90/60 10.4" or 12.1" TFT SVGA 800 x 600 LCD	1.08 GB HDD II 1.2 GB HDD II (I	EIDE 12.5 mm 29H _D/CD only)17 mm 29H	19319 19325	Easy-Setup is entered by holding F1 when turning on.		
	0 65,536 colors on LCD 760CD: Enh. Vid Card 760CD: MPEG decoder	- Second HDD Ada - Dock I (1 slot / 1 - Dock II (2 slot / 2	bay) 3545 bay) 3546	19333  - 5001 6001	FEATURES OF 760 MODELS Product Map; LCD indicator panel		

Mwave DSP None 28.8 modem / DSVD None 18 voice FM synthesis 32 voice wavetable syn. NiMH battery Li-Ion battery Type is 9547 Type is 9546

All 760 systems support the NiMH or Li-Ion battery in both battery bay and UltraBay.

Maximum internal disk capacity on 760LD is 2.4 GB with two 1.2 GB disks.

Port Replicator I (w/ PCMCIA)
Port Replicator II 66G3510 66G3520 2.88 MB diskette PCMCIA Cartridge 66G0108 84G1301 41H9720 29H9329 760 NiMH Battery (black) Li-Ion Battery Pack II (gray) Travel Quick Charger 85G1522 FDD External Attachment Kit Pentium 120/60 MHz upgrade 66G3618 29H9340 Car Battery Adapter ThinkPad AC Adapter (50 watts) 49G2167 66G3541 8 MB SO DIMM 3.3v non-parity EDO 92G7315 16 MB SO DIMM 3.3v non-parity EDO 92G7316 - ThinkPad headset 85G1301

Plug and Play 1.0a Discharge battery via mouse click
Non-disruptive battery exchange
Standby, suspend, and hibernation modes US EPÁ Energy Star compliant Personalized nameplate in indention Personalization screen at startup International Warranty Service 24 hour / 7 day telephone, bulletin board, fax, electronic, and Internet (http://www.pc.ibm.com) support IBM and dealer warranty/service Online Housecall (remote diagnostics)

ThinkPad EasyServ™: customer calls 1-800-772-2227, courier service picks up ThinkPad at any location, IBM repairs and mails back (no shipping charges, most shipping is overnight, 3 business day average turnaround). Overnight repair option in US available for \$99. O = Removable

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IBM® ThinkPad®:	> 760C				-	Thinkl	Pad 760C strengths:		
Processor type Processor speed Processor upgrade L2 cache Removable diskette Removable CD-ROM	rocessor type rocessor speed rocessor upgrade rocessor upgrade 2 cache emovable diskette rocessor upgrade 10/60 or 120/60 MHz (see below) 10/60 or 120/60 MHz 10/60 MHz 10/60 or 120/60 MHz					<ul><li>Larg</li><li>Ultr</li><li>Inte</li></ul>	Filt up keyboard and palm rest space Largest notebook display models 12.1 inch JItraBay: 2nd disk, 2nd battery, diskette ntegrated 28.8 Kbps modem,audio, telephony Two high speed infrared ports		
Price Type - model all 9546 Preload (see side) Pentium speed Remv disk - size / ms Avail / withdrawn date	SelectaSys   Win 95 90/60 MHz 720 MB / 13 ms / EIDEO	U22 SelectaSys 90/60 MHz 720 MB / 13 r Oct 1995 / Oc	ms / EIDEO	U27 SelectaSys 120/60 MHz 720 MB / 13 m Nov 1995 / Oc	ns / EII	OEO.	U28 U2J Win 95 120/60 MHz 1.08 GB / 13 ms / EIDE O Jan 1996 / Oct 1996		
Display - diagonal size Display - type Display - techology	SVGA color / 640 x 480 c Black Matrix TFT - active	e matrix / 100	to 1 contrast		's		12.1 inch		
Graphics - controller Graphics - external Graph - arch/data path	Trident™ CYBER9320 wit External SVGA to 1024 x VL-Bus 2.0 local bus / 32	768 w/ 256 cd	olors up to 75		gree til	lt			
Mem - upgrade  Keyboard / # of keys Keyboard slope Pointing / palm rest	8 MB / 64 MB 70 ns / no 2 sockets for two JEDEC 80 Full size alp/num / 85 (8 I Automated tilt up keybo TrackPoint III™ / integra Yes (with option cable)	B pin EDO SO I En key function Pard (5.5 degre	DIMMs of 8 or ns) Liftal ees) acces drive		yboar disket	dto	SELECTASYSTEM PRELOAD  - IBM DOS 7.0  - Windows 3.11		
Dimensions (cubic in) Weight (with battery) Battery - type Battery - life (1 batt) Battery - life (2 batt) Charge time - on / off	10.4" models: 11.7 x 8.3 x 10.4" models: 6.1 pounds 10.4" models: Lithium lon 10.4" models: 3.8 hours 10.4" models: 7.6 hours 10.4" models: 2 to 3 hrs /	/ intelligent Opt NiMH	12.1" models 12.1" models 12.1" models 12.1" models 12.1" models	s: 11.7 x 8.3 x 1 s: 6.8 pounds s: Lithium Ion / ii s: 3.5 hours s: 7 hours	ntellige <i>Opt</i> <i>NiMH</i>	ent	<ul> <li>OS/2 Warp 3.0 (dual boot) with selected BonusPak</li> <li>IBM PC Card Director™ 3.0</li> <li>Online Users Guide</li> <li>ThinkPad Features Program</li> <li>Diskette Factory</li> <li>Lotus® cc:Mail™, e-mail for IBM Global®</li> </ul>		
Architecture  Docking Station Port replicator PCMCIA™ 2.1 slots Serial / parallel ports Other features	ISA (EIDE, audio, PCMCIA, diskette, serial, parallel, 240 pin ext expansion) VL-Bus 2.0 / 32 bit / 33 MHz (graphics) Dock I and II Port Replicator I and II 2 Type I or 2 Type II or 1 Type III One 9 pin: 16550A / one (IEEE P1284-A, EPP, ECP, bidirectional)  network; 2. Lotus Organize 3. Lotus ScreenCam™ 4. Triton CoSession™ Host; 5. 6. SofNet FaxWorks™ Voice™ 7. Video For Windows™ 1.1 Ru 8. Puma TranXit™ 9. COMPEI						<ol> <li>Triton CoSession™ Host; 5. PRODIGY®</li> <li>SofNet FaxWorks™ Voice™</li> <li>Video For Windows™ 1.1 Runtime</li> <li>Puma TranXit™ 9. COMPEL™ PE</li> <li>Mind Path Presentation F/X Pro</li> </ol>		
Motion video accel MPEG decoder DSP function Data/fax modem Audio support  Audio in/out jacks Infrared ports Telephone	None None None Mwave MDSP2780 DSP with modem, fax, audio, telephony function Data/fax modem function via DSP (v.34 to 28.8 Kbps) / Mwave 2.0 16 bit audio chip on planar with Mwave DSP Int stereo speakers / .5 watt / slide volume control / internal microphone Input jack (3.5 mm) / output jack (3.5 mm) Infrared ports (front and back) / IrDA 1.0 compatible / up to 1.15 Mbps Telephone / answering machine / full duplex speakerphone					ne	<ol> <li>Internet for Windows</li> <li>Compuserv for Win; 13. WIN32s Runtime</li> <li>NetFinity for Windows and OS/2</li> <li>Complimentary Applications CD-ROM</li> <li>Lotus SmartSuite 4.0 CD-ROM</li> <li>WINDOWS 95 PRELOAD</li> <li>Microsoft Windows 95</li> <li>Online User's Guide</li> <li>ThinkPad Features Program</li> </ol>		
Security	Power-on password / Har device keyhole (Kensingt keyboard and DIMMS (re-	d disk passwo on™ MicroSav	ord / Supervis ver™ cable lo	or password / lock) / Security la	Locking atch for	g	<ul> <li>Diskette Factory</li> <li>Lotus<sup>®</sup> cc:Mail™, e-mail for IBM Global<sup>®</sup> network;</li> <li>Lotus Organizer™</li> </ul>		
Preinstalled software Warranty	Choice of two preloaded of <b>3 year -</b> ThinkPad EasySo				) or car	rry-in	3. Lotus ScreenCam <sup>™</sup> 4. Triton CoSession <sup>™</sup> Host; 5. PRODIGY <sup>®</sup> 6. SofNet FaxWorks <sup>™</sup> Voice <sup>™</sup> 7. Puma TranXit <sup>™</sup>		
The left bay (UltraBay ① 2nd disk (requires \$ ② 2nd battery ③ std diskette drive ④ 2.88 MB diskette dr	- Disks: (3 720 ME 1.08 G	Compatible in ThinkPad 760 family: - Disks: (360/750/755 IDE disks not supported) 720 MB HDD II EIDE 12.5 mm 29H938: 1.08 GB HDD II EIDE 12.5 mm 29H931: 1.2 GB HDD II (CD only) 17 mm 29H932!			383    319	<ul> <li>7. Puma TranXit™</li> <li>8. Compuserv for Windows</li> <li>9. Mind Path Presentation F/X Pro</li> <li>10. COMPEL Personal Edition</li> <li>Lotus SmartSuite 96 CD-ROM</li> </ul>			
© PCMCIA Cartridge © IBM Wireless Mode (option)	- Second HDD Adapter 29H9333 - Dock I (1 slot / 1 bay) 3545001 - Dock II (2 slot / 2 bay) 3546001 - Port Replicator I (w/ PCMCIA) 66G3510 - Port Replicator II 66G3520 - 1.44 MB diskette std in newer - 2.88 MB diskette 56G0108 - PCMCIA Cartridge 84G1301 - 760 NiMH Battery (black) 41H9720 - Li-Ion Battery Pack II (gray) 29H9329 - Travel Quick Charger 85G1522 - FDD External Attachment Kit 66G3618 - Pentium 120/60 MHz upgrade 29H9340 - Car Battery Adapter 49G2167 - ThinkPad AC Adapter (50 watts) 66G3541 - 8 MB SO DIMM 3.3v non-parity EDO 92G7316 - 16 MB SO DIMM 3.3v non-parity EDO 92G7316 - ThinkPad headset 85G1301			333   01   01   510   520	FEATURES OF 760 MODELS  Product Map; LCD indicator panel LCD of remaining battery life LCD icons for two batteries Plug and Play 1.0a				
Maximum internal dis 2.16 GB with two 1.08 Easy-Setup is entered turning on.				108 301 <b>20</b> 3 <b>29</b>	Discharge battery via mouse click Non-disruptive battery exchange Standby, suspend, and hibernation modes US EPA Energy Star compliant Personalized nameplate in indention				
Integrated Mwave™ D  ① Data modem funct ② Fax modem funct ③ Audio function (w ④ Telephone function - Full duplex speak ⑤ Digital Simultaneo				618 <b>840</b> 167 541 315	Personalization screen at startup International Warranty Service 24 hour /7 day telephone, bulletin board, fax, electronic, and Internet (http://www.pc.ibm.com) support IBM and dealer warranty/service Online Housecall (remote diagnostic:				

IBM® ThinkPad®:	≈ 760CD			Thir	bkPad 760CD strangths over 760C	
	12.1" TFT color - CD-ROM	hinkPad 760CD strengths over 760C:				
Processor type Processor upgrade L2 cache Removable diskette Removable CD-ROM Removable CD-ROM Pentium® 90/60 or 120/60 (P54LM) / 64 bit to L2 cache / 32 bit to mento Pentium 120/60 MHz from 90/60 256 KB / write-through / direct mapped / 10 ns / synchronous / soldered 3.5" 1.44 MB					lobile multimedia - MPC2 compliant emovable, 4 x speed, 5.25" CD-ROM ideo card (acceleration, composite in/out) oystick/MIDI port IPEG-1 and MPEG-2 HHR decoder	
Price Type - model Preload (see side) Pentium speed Avail / withdrawn date Remv disk - size / ms	9546-U11 9546-U1/ SelectaSystem 90/60 Mhz 90/60 Mhz Oct 95 / Oct 96 Oct 95 / Oct 96 1.2 GB / 12 ms / EIDE O/	95 SelectaSy 120/60 Mb Oct 96 Jan 96 / C	Iz 120/60 MHz ct 96 Jan 96 / Oct 96	6	Integrated Mwave™ DSP provides:  ① Data modem function  - V.22bis, V.32, V.32bis, v.34 (28.8 Kbps)  ② Fax modem function  - G3 fax send/receive (14.4 Kbps)  ③ Audio function  Store was veform record and play back	
Display - diagonal size Display - type Display - techology	12.1 inch SVGA color / 640 x 480 o Black Matrix TFT - active			rs	<ul> <li>Stereo waveform record and playback</li> <li>Qsound support (3-D effect)</li> <li>32 voice MIDI wave table synthesizer</li> <li>SoundBlaster™ support / text to speech</li> </ul>	
Graphics - controller Graphics - external Graph - arch/data path	Trident™ CYBER9320 with External SVGA to 1024 x 7 VL-Bus 2.0 local bus / 32 b	768 w/ 256 colors u	p to 75 Hz .CD and CRT / 180 de	egree tilt	MPEG audio decode     Telephone function     Full telephone (can use opt headset)	
Memory - std / max Memory - upgrade	8 MB / 64 MB 70 ns / non 2 sockets for two JEDEC 88			fast page)	- Telephone answering machine - Full duplex speakerphone	
Keyboard / # of keys Keyboard slope Pointing / palm rest	Full size alp/num / 85 (8 F Automated tilt up keyboa TrackPoint III™ / integrate Yes (with option cable)	n key functions) ard (5.5 degrees)	The left bay (UltraBay™) su  ① 2nd disk; ② 2nd battery ③ std diskette drive; ④ CD ⑤ 2.88 MB diskette (option ⑥ PCMCIA Cartridge (optic	upports: -ROM ) on)	Selectasystem Preload     IBM DOS 7.0     Windows 3.11     OS/2 Warp 3.0 (dual boot) w/ selected	
Dimensions Weight (with CD-ROM)	11.7 x 8.3 x 2.14" (208 cub ) 7.47 pounds	ic inches)	<ul> <li>IBM Wireless Modem AF</li> <li>IBM Wireless Modem for CDPD (option)</li> </ul>		BonusPak  - IBM PC Card Director™ 3.0	
Battery - type Battery - life (1 batt) Battery - life (2 batt) Charge time - on / off		tional MH Liftab and re	<ul> <li>Online Users Guide</li> <li>ThinkPad Features; Diskette Factory</li> <li>Lotus<sup>®</sup> co:Mail<sup>™</sup>N, e-mail for IBM Global<sup>®</sup> network; 2. Lotus Organizer<sup>™</sup></li> <li>Lotus ScreenCam<sup>™</sup></li> </ul>			
Architecture  Docking Station Port replicator PCMCIA™ 2.1 slots Serial / parallel ports Other features	ISA (EIDE, audio, PCMCIA VL-Bus 2.0 / 32 bit / 33 Mh Dock I and II Port Replicator I and II 2 Type I or 2 Type II or 1 Tone 9 pin; 16550A / one (II APM-aware BIOS / Univer	z (graphics, ACSII) Easy whe Fype III EEE P1284-A, EPF	holding F1	<ol> <li>Triton CoSession™ Host; 5. PRODIGY®</li> <li>SofNet FaxWorks™ Voice™</li> <li>Video For Windows™ 1.1 Runtime</li> <li>Puma TranXit™; 9. COMPEL™ PE</li> <li>Mind Path Presentation F/X Pro</li> <li>Internet for Windows</li> </ol>		
Motion video (below) MPEG decoder DSP function Data/fax modem Audio support  Jacks Telephone Infrared ports	Video acceleration/comp MPEG-1 & MPEG-2 Half H Mwave MDSP2780 DSP v Data/fax modem function 16 bit audio chip on plan Int stereo speakers / .5 w Input jack (3.5 mm) / Output Telephone / answering ma Infrared ports (front and	posite and S-Video lorizontal Resoluti vith modem, fax, a n via DSP (v.34 to 2 ar with Mwave DS att / slide volume t jack (3.5 mm) / Jo chine / full duplex s	in/out/game port (AS on (HHR) decoder (M udio, telephony func (8.8 Kbps) / Mwave 2. pcontrol / internal mic ystick/MIDI port (include peakerphone	SCII V7325) IPEGCD1) ction 0 crophone des cable)	<ul> <li>12. Compuserv for Win; 13. WIN32s Runtin</li> <li>14. NetFinity for Windows and OS/2</li> <li>15. Asymetrix<sup>®</sup> Digital Video Producer™         <ul> <li>Catalog/Sampler CD-ROM</li> <li>Complimentary Applications CD-ROM</li> <li>MPEG Sampler CD-ROM</li> <li>Lotus SmartSutie 4.0 CD-ROM</li> <li>WINDOWS 95 PRELOAD</li> </ul> </li> <li>Microsoft Windows 95</li> </ul>	
Security	Power-on password / Hard device keyhole (Kensingto keyboard and DIMMS (req	n™ MicroSaver™ o	able lock) / Security I	Locking atch for	- Online User's Guide - ThinkPad Features; Diskette Factory 1. Lotus <sup>®</sup> cc:Mail™, e-mail for IBM Globa network; 2. Lotus Organizer™	
Preinstalled software Warranty	Choice of two preload conf 3 year - ThinkPad EasySe			carry-in	3. Lotus ScreenCam™ 4. Triton CoSession™ Host; 5. PRODIGY® 6. SofNet FaxWorks™ Voice™	
MPEG motion video tion of image. Video screen without frame.  Composite in and Scapture (capture an or VCR), still image digitize still photo im video on LCD like w camcorder without composite out and meaning use a TV a (connect to video or record on VCR hini game port for lncludes a video in a (includes two video Use software called Plays back MPEG in the video of the video of the video of the video of the video of the video of vi	deo for Windows™ and with scaling and interpolation may be scaled up to full e rate degredation. S-Video in for video digitize video from a TV capture (capture and lages), and overlay (view ith a TV, VCR, or say to the control of	- Disks: (360/75 720 MB HDD 1.08 GB HDD 1.08 GB HDD 1.2 GB HDD - Second HDD A - Dock I (1 slot / - Dock II (2 slot - Port Replicato - Port Replicato - 1.44 MB diske - 2.88 MB diske - PCMCIA Cartr - 760 NiMH Bat - Li-lon Battery - Travel Quick C - FDD External A - Pentium 120/6 - Car Battery Ac - 8 MB SO DIMI - 16 MB SO DIMI	II EIDE 12.5 mm II (CD only) 17 mm Adapter 1 bay) / 2 bay) / 2 bay) r I (w/ PCMCIA) tite ste tite ste tidge tery (black) Pack II (gray) harger Attachment Kit 60 MHz upgrade apter M 3.3v non-parity EDO M 3.3v non-parity EDO kPoint III Caps	29H9383 29H9319 29H9325 29H9323 3545001 3546001 66G3510 66G3520 d in newer 66G0108 84G1301 41H9720 29H9329 85G1522 66G3618 29H9340 49G2167 92G7315	7. Puma TranXit™ 8. Compuserv for Windows 9. Mind Path Presentation F/X Pro 10. COMPEL Personal Edition 11. Asymetrix® Digital Video Producer™ - Catalog/Sampler CD-ROM - MPEG Sampler CD-ROM - Lotus SmartSuite 96 CD-ROM - Lotus SmartSuite 96 CD-ROM PEATURES OF 760 MODELS Product Map; LCD indicator panel Plug and Play 1.0a Discharge battery via mouse click Non-disruptive battery exchange Standby, suspend, and hibernation modes US EPA Energy Star compliant Personalized nameplate in indention Personalized nameplate in indention Personalization screen at startup International Warranty Service 24 hour / 7 day telephone, bulletin board, fax, electronic, and Internet (http://www.pc.ibm.com) support IBM and dealer warranty/service Online Housecall (remote diagnostics)	

## IIM ThinkPad 760EL - withdrawn

IBM <sup>®</sup> ThinkPad <sup>®</sup> :	× 760EL
Processor type Processor upgrade L2 cache Removable diskette External FDD port Removable CD-ROM	11.3" DSTN color or 12.1" TFT color - thick  Pentium® 100/66, 120/60, or 133/66 / 64 bit to L2 cache / 64 bit to mem to Pentium 133/66 MHz which includes 256 KB L2 cache  None (not separately upgradeable) 3.5" 1.44 MB O / use in UltraBay or attach externally via rear ext FDD port External FDD port (requires FDD External Attachment Kit 66G3618)  None / can upgrade to 4 x, 6 x, or 8 x CD-ROM into UltraBay
Price Type - model Preload (see side) Available date Pentium speed Remv disk - size / ms Disk controller	Pallette of 24 systems 9547-U6G 9547-U6F 9547-U4F 9547-U6R 1U4S 1U4H 1U48 9547-U4R Win 95 Win 95 Win 95 Blank (none) Win 95 OS/2 Connect May 1996 May 1996 May 1996 May 1996 May 1996 120/60 MHz 120/60 MHz 120/60 MHz 133/66 MHz
Display - size and type	
Display - techology	11.3" SVGA color / 640 x 480 or 800 x 600 256 simultaneous colors / Dual Scan / 30 to 1 contrast ratio Black Matrix TFT - active matrix / 100 to 1 contrast ratio
Graphics - controller Graph - arch/data path Gaphics - features	Trident <sup>TM</sup> CYBER9320 / 32 bit SVGA accelerator / 1 MB EDO DRAM / 70 ns PCI 2.1 / 32 bit / external SVGA to 1024 x 768 w/ 256 colors  810 MB = DMA Mode 2 or PIO Mode 4 1.08 GB = DMA Mode 2 or PIO Mode 4 1.2 GB = DMA Mode 1 or PIO Mode 3
Memory - std / max Memory - features	8 MB / 72 MB or 104 MB 8 MB / 72 or 104 8 MB / 72 MB or 104 MB 16 MB / 80 MB or 104 MB 16 MB / 80 or 104 MB 70 ns / non-parity / 3.3 volt / EDO / 2 sockets for two JEDEC 144 pin EDO SO DIMMs of 8, 16, 32 MB
Keyboard / # of keys Keyboard slope Pointing / palm rest	Full size alp/num / 85 (8 Fn key functions)  Automated tilt up keyboard (5.5 degrees)  TrackPoint III™ / integrated palm rest / ext keyboard support (with option cable)  Online User's Guide
Dimensions Weight	11.3" models: 11.7 x 8.3 x 1.98" (192)
Battery - type Battery - life (1 batt) Battery - life (2 batt) Charge time - on / off	Lithium Ion / intelligent (optional NiMH battery supported)  11.3" models: 3.1 hours  11.3" models: 6.2 hours  12.1" modles: 6.6 hours  12.1" modles: 6.6 hours  12.1" modles: 6.6 hours  13. SofNet FaxWorks™ Voice™
Architecture  Docking Station Port replicator PC Card Standard slots Serial / parallel ports	4. Puma IranXit™ 5. Compuserv for Windows 6. NetFinity for Windows 95 1. Lotus SmartSuite 96 CD-ROM  Port Replicator I and II / SelectaDock I and II 2 Type I or 2 Type III or 1 Type III / CardBus 32 bit PCI / PCMCIA 2.1 compatible One 9 pin; 16550A / one (IEEE P1284-A, EPP, ECP, bidirectional)
Other features Video in/out MPEG decoder DSP function Data/fax modem Audio support  Jacks Telephone	APM-aware BIOS / Slim AC Adapter 2 prong (35 watts) / Selectable boot  None None None None None None None Non
Infrared ports	Infrared ports (front and back) / IrDA 1.0 compatible / up to 1.15 Mbps - Lotus SmartSuite 4.0 (entitled to SSuite 96)
Security	Power-on password / Hard disk password / Supervisor password / Locking device keyhole (Kensington™ cable lock) / Security latch for keyboard and DIMMS (requires Kensington) / PC Card lock / Personalization / Security Plate
Preinstalled software Warranty	Windows 95 with applications (listed on right)  3 year - ThinkPad EasyServ (optional Overnight Repair Option) or carry-in  - 720 MB HDD II EIDE 12.5 mm 29H9383
The left bay (UltraBay ① 2nd disk (requires 3) ② 2nd battery ③ std diskette drive ④ 2.88 MB diskette di ⑤ PCMCIA Cartridge ⑥ IBM Wireless Mode (option)  Maximum internal dis 4.2 GB with two 2.1 C Easy-Setup is entereturning on.  ThinkPad 760EL supp - 760 NiMH Battery (I - Li-Ion Battery Pack - Travel Quick Charg - Car Battery Adapter	- Second HDD Adapter 29H9333 - Dock I (1 slot / 1 bay) 3545001 - Dock II (2 slot / 2 bay) 3546001 - Dock II (2 slot / 2 bay) 3546001 - Dock II (2 slot / 2 bay) 3546001 - Dock II (2 slot / 2 bay) 3546001 - Dock II (2 slot / 2 bay) 3546001 - Dock II (2 slot / 2 bay) 3546001 - Dock II (2 slot / 2 bay) 3546001 - Dock II (2 slot / 2 bay) 3546001 - Dock II (2 slot / 2 bay) 3546001 - Dock II (2 slot / 2 bay) 3546001 - Dock II (2 slot / 2 bay) 3546001 - Dock II (2 slot / 2 bay) 3546001 - SelectaDock II 3547001 - SelectaDock II 3547001 - SelectaDock II 3547002 - Port Replicator I (w/ PCMCIA slots) 66G3510 - Port Replicator II (6G3520 - Port Replicator II (6G3520 - Setup Pointer (single page) - LCD indicator panel - Plug and Play 1.0a - Discharge battery via mouse click - Non-disruptive battery via mouse click - Non-disruptive battery exchange - Standby, suspend, safe suspend, and hibernation modes - Standby, suspend, safe suspend, and hibernation modes - Standby, suspend, safe suspend, and hibernation modes - Standby, suspend, safe suspend, and hibernation modes - Standby, suspend in indention - Standby, suspe

ThinkPad EasyServ™: customer calls 1-800-772-2227, courier service picks up ThinkPad at any location, IBM repairs and mails back (no shipping charges, most shipping is overnight, 3 business day average turnaround). ○ = Removable 

Models U4F, U4H, U4R, U4S, U48 withdrawn effective January 1997; U6F eff July 1997

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## IBM ThinkPad 760EL (Fall 1996 models) - withdrawn

IBM <sup>®</sup> ThinkPad <sup>®</sup> :	<b>≈ 760EL</b> 11.3" SVGA DSTN or 12.1" \$	SVGA TFT - thick								
Processor type Processor upgrade L2 cache Removable diskette External FDD port Removable CD-ROM	None (not separately upgradeable) 256 KB / write-back / direct mapped / 10 ns / synchronous pipelined burst 3.5" 1.44 MB ① / use in UltraBay or attach externally via rear ext FDD port External FDD port (requires FDD External Attachment Kit 66G3618)									
Price Type - model Preload (see side) Avail / withdrawn date Pentium speed Remv disk - size / ms Disk controller	<b>120/66 MHz 1.35 GB</b> / 13 ms ①	9547-U4G Windows 95 October 1996 / October 1997 133/66 MHz 2.1 GB / 13 ms O / supports two internal disks	24 systems 2) 66 / April 1997 ms O	9547-U4K Windows NT 4.0 Nov 1996 / July 1997 133/66 MHz 2.1 GB / 13 ms O						
Display - size and type Display - techology	11.3" SVGA color / 640 x 48	12.1 inch TFT 80 or 800 x 600 ual Scan / 30 to 1 contrast ratio		olor / 640 x 480, 80	12.1 inch TFT 0 x 600 / 65,536 colors 100 to 1 contrast ratio					
	PCI 2.1 / external SVGA to 1			ER9385/64 bit SVG nal SVGA to 1024 x	A/1 MB EDO DRAM/70 ns c 768 w/ 256 colors					
Graphics - features  Memory - std / max  Memory - features	Simultaneous LCD and CRT 8 MB / 72 MB or 104 MB 70 ns / non-parity / 3.3 volt /	/ 180 degree tilt   16 MB / 72 MB or 104 MB   EDO / 2 sockets for 2 JEDEC 144 pi		MB or 104 MB Ms of 8, 16, 32 MB	32 MB/80 MB or 104 ME 1 socket available					
Keyboard / # of keys Keyboard slope Pointing / palm rest Dimensions	Full size alp/num / 85 (8 Fn Automated tilt up keyboard TrackPoint III™ / integrated 11.3" models: 11.7 x 8.3 x 1	<b>d</b> (5.5 degrees) palm rest / ext keyboard support (wi		- Microsoft Windo	iuide					
Weight Battery - type Battery - life (1 batt) Battery - life (2 batt) Charge time - on / off	11.3" models: 6.7 pounds (3		ınds (2.91 kg) s	- ThinkPad Featu - PC Card Director - Diskette Factor 1. Triton CoSession 2. Puma TranXit™ 3. Compuserv for V	or 4.0 y on™ Host					
Docking Station Port replicator PC Card Standard slots Serial / parallel ports Other features Video in/out MPEG decoder	Dock I and II / SelectaDock Port Replicator I and II / Sele 2 Type I or 2 Type II or 1 T One 9 pin; 16550A / one (IEE		Lotus SmartSuite 96 CD-ROM     WINDOWS NT 4.0 PRELOAD     Microsoft Windows NT 4.0 Workstation with utilities and device drivers     NT model with 32 MB consists of 8 MB on planar, 8 MB in memory carrier, and 16 MB via a SO-DIMM. One SO-DIMM							
DSP function Data/fax modem Audio support Jacks Telephone	None None 16 bit audio chip / 20 voice	1st/2nd battery, and other UltraB MIDI FM synthesis / ESS1688 / slide volume control / internal micro	socket is available.  BLANK PRELOAD  - License for SmartSuite  ThinkPad 760EL supported batteries:							
Infrared ports Security	Infrared ports (front and bate Power-on password / Hard of Security keyhole (requires care)	ack) / IrDA 1.0 compatible / up to 1 disk password / Supervisor passwor able) / Security latch for keyboard a C Card lock / Personalization / Secu	d / nd	- 760 NiMH Battery (black) 41H972 - Li-Ion Battery Pack II (gray) 29H932 - Travel Quick Charger 85G152 - Car Battery Adapter 49G216 - ThinkPad 760E supported disks: - (360/750/755 IDE disks not supported) - 720 MB HDD II EIDE 12.5mm 29H931 - 1.08 GB HDD II EIDE 12.5mm 29H931 - 1.08 GB HDD II EIDE 12.5mm 29H931 - 1.2 GB (1.96"+models) 17 mm 29H932 - 1.4 GB HDD 3L EIDE 12.5 mm 69H841 - 2.1 GB (1.96"+models) 17 mm 69H841 - 2.1 GB (1.96"+models) 17 mm 45H878  FEATURES OF 760 MODELS  Setup Pointer (single page) LCD indicator panel Plug and Play 1.0a Discharge battery via mouse click Non-disruptive battery exchange Standby, suspend, safe suspend, and hibernation modes US EPA Energy Star compliant Personalized nameplate in indention Personalization screen at startup International Warranty Service 24 hour /7 day telephone, bulletin						
Preinstalled software Warranty  The left bay (UltraBay ① 2nd disk (requires S ② 2nd battery ③ std diskette drive ④ 2.88 MB diskette dri ⑤ PCMCIA Cartridge ⑥ IBM Wireless Mode ⑦ IBM Wireless Mode (option)  Maximum internal disl 4.2 GB with two 2.1 G Easy-Setup is entered turning on.  810 MB = DMA Mode 1.08 GB = DMA Mode 1.35 GB = DMA Mode 2.1 GB = DMA Mode 2.1 GB = DMA Mode	ive (option) (option) (option) m for ARDIS (option) m for Cellular/CDPD  c capacity on 760EL is B disks I by holding F1 when e 2 or PIO Mode 4 e 1 or PIO Mode 3 e 2 or PIO Mode 4	coptional Overnight Repair Option)  Compatible in ThinkPad 760EL fami  Second HDD Adapter  Dock I (1 slot / 1 bay)  Dock II (2 slot / 2 bay)  IDE Conversion Card (for Dock II  SelectaDock II  SelectaDock III  Port Replicator I (w/ PCMCIA slot)  Port Replicator I (w/ PCMCIA slot)  Port Replicator II  SelectaDock Base Model I  2.88 MB diskette  PCMCIA Cartridge (one Type III)  FDD External Attachment Kit  Pentium 133/66 MHz/L2 upgrade  35 watt AC Adapter (slim, 4 pin)  4 x CD-ROM (UltraBay)  6 x CD-ROM (UltraBay)	y: 29H9333 3545001 3546001 3546001 3547001 3547002 3547003							
Maximum is 80 MB or models, but 104 MB re Proven vendor option.	104 MB on all	<ul> <li>8 - 20 x CD-ROM (UltráBay)</li> <li>8 MB SO DIMM 3.3v NP EDO 64 b</li> <li>16 MB SO DIMM 3.3v NP EDO 64 l</li> <li>32 MB SO DIMM 3.3v NP EDO 64 l</li> </ul>	oit 92G7341	board, fax, elect (http://www.pc.i IBM and dealer wa	ronic, and Internet bm.com) support					

## ThinkPad 760ELD - withdrawn

IBM <sup>®</sup> ThinkPad <sup>®</sup> :	<b>760ELD</b> 12.1" TFT color - CD-ROM	Λ		
Processor type Processor upgrade L2 cache Removable diskette External FDD port Removable CD-ROM	Pentium® 100/66 (P54LM to Pentium 133/66 MHz w None (not separately upgr 3.5" 1.44 MB ① / use in UI External FDD port (require 5.25" CD-ROM ① / 4 x sp EIDE / PIO Mode 3 (ATAI	M) / 64 bit to hich includ adeable) ItraBay or a es FDD Ext beed / mult	- Diskette Factory	
Price Type - model Preload (see side) Avail / withdrawn date Remv disk - size / ms Disk controller	9547-U3F Windows 95 May 1996 / 1997 810 MB / 13 ms O / DMA I Enhanced IDE / busmaste	r / PCI 2.1 /	1. Triton CoSessión™ Host; 2. PRODIGY® 3. SofNet FaxWorks™ Fax 4. Puma TranXit™ 5. Compuserv for Windows 6. NetFinity for Windows 95 - Lotus SmartSuite 96 CD-ROM	
Display - techology	Black Matrix TFT - active	matrix / 10		rs
Graphics - controller Graph - arch/data path Gaphics - features Graphics - external		RT / 180 de		
Memory - std / max Memory - upgrade	8 MB / 72 MB 70 ns / non 2 sockets for two JEDEC		3 volt / EDO OO SO DIMMs of 8, 16, 32 MB	
Keyboard / # of keys Keyboard slope Pointing / palm rest	Full size alp/num / 85 (8 F Automated tilt up keyboa TrackPoint III™ / integrate	<b>ard</b> (5.5 deg		)
Dimensions Weight (with CD-ROM)	11.7 x 8.3 x 2.14" (208 cub ) 7.28 pounds (3.30 kg)	oic inches)	1611	
Battery - type Battery - life (1 batt) Battery - life (2 batt) Charge time - on / off	Lithium Ion / intelligent op 3.2 hours Nil 6.4 hours 2 to 3 hrs / 1.5 to 2.5 hrs	tional MH	Liftable (pop-up) keyboard to acces and remove CD-ROM, diskette drive 1st/2nd disk, and 1st/2nd battery	
Architecture	ISA (audio, diskette, seria PCI 2.1 / 32 bit / 33 Mhz (f		nfrared, ext expansion) hics, CardBus, ext expansion)	
Docking Station Port replicator PC Card Standard slots Serial / parallel ports Other features	Dock I and II / SelectaDoc Port Replicator I and II / Se 22 Type I or 2 Type II or 1 One 9 pin; 16550A / one (II APM-aware BIOS / Slim A	ck I, II and electaDoc Type III / C EEE P1284	Easy-Setup is entered by holding F1 when turning on.	
Video in/out MPEG decoder DSP function Data/fax modem	None None None None	·		810 MB = DMA Mode 2 or PIO Mode 4 1.08 GB = DMA Mode 2 or PIO Mode 4 1.2 GB = DMA Mode 1 or PIO Mode 3
Audio support  Jacks Telephone Infrared ports	Input jack (3.5 mm) / Outpu None	tt / slide vol ıt jack (3.5 r	ume control / internal microphone	ThinkPad 760 ELD supported disks: - (360/750/755 IDE disks not supported) - 720 MB HDD II EIDE 12.5 mm 29H9383 - 810 MB HDD II EIDE 12.5 mm 29H9313 - 1.08 GB HDD II EIDE 12.5 mm 29H9319
Security  Preinstalled software	device keyhole (Kensingto DIMMS (requires Kensingto Windows 95 with application	on™ cable l ton) / PC Ca ons (listed c	word / Supervisor password / Locking ock) / Security latch for keyboard and ard lock / Personalization / Security Platon right)	- 1.2 GB (1.96"+ models) 17 mm 29H9325 - 1.4 GB HDD 3L EIDE 12.5 mm 69H8412
Warranty	-		Overnight Repair Option) or carry-in	ThinkPad 760E supported batteries:
The left bay (UltraBay ① 2nd disk ② 2nd battery ③ std diskette drive ④ CD-ROM	·™) supports:	- Secon - Dock I - Dock I	ble in ThinkPad 760ELD family: d HDD Adapter 29H9333 (1 slot / 1 bay) 3545001 I (2 slot / 2 bay) 3546001 bnversion Card (for Dock I/II) 46H5994	- 760 NiMH Battery (black) 41H9720 - Li-Ion Battery Pack II (gray) 29H9329 - Travel Quick Charger 85G1522 - Car Battery Adapter 49G2167
<ul> <li>\$ 2.88 MB diskette (o</li> <li>\$ PCMCIA Cartridge</li> <li>\$ IBM Wireless Mode</li> <li>\$ IBM Wireless Mode</li> <li>\$ CDPD (option)</li> </ul> All 760 systems supposattery in both battery	(option) om ARDIS (option) om for Cellular/ ort the NiMH or Li-Ion bay and UltraBay. k capacity on 760ELD is	- Select - Port R - Port R - Select - 2.88 M - PCMC - FDD E - Pentiu - 4 x CD - 6 x CD - 8 x CD - 8-20 x - 8 MB S - 16 MB	taDock I 3547001 eplicator I (w/ PCMCIA slots) eplicator II 66G3520 taDock Base Model I 66G3520 BB diskette drive 66G0108 txternal Attachment Kit 66G3618 m133/66 MHz/L2 upgrade 46H5991 D-ROM (UltraBay) 39H7413 D-ROM (UltraBay) 45H8786 CD-ROM (UltraBay) 45H8786 SO DIMM 3.3v NP EDO 64 bit 92G73442	Setup Pointer (single page) LCD indicator panel Plug and Play 1.0a Discharge battery via mouse click Non-disruptive battery exchange Standby, suspend, safe suspend, and hibernation modes US EPA Energy Star compliant Personalized nameplate in indention Personalization screen at startup International Warranty Service 24 hour /7 day telephone, bulletin

## IIM ThinkPad 760E (SVGA) - withdrawn

IBM <sup>®</sup> ThinkPad <sup>®</sup> :	<b>→ 760E</b> 12.1" SVGA TFT - thick	Key differences between 760E and 760ED:		
Processor type Processor upgrade L2 cache Removable diskette External FDD port Removable CD-ROM Price	Pentium® 120/60 or 133 to Pentium 133/66 MHz fr 256 KB / write-back / direct 3.5" 1.44 MB O / in UltraE External FDD port None / upgrade CD-ROM	om 120/60 ft mapped / 10 ns / synch a None None / can not install a	L2 cache / 64 bit to mem ronous pipelined burst	T60E  No std CD-ROM No video in/out No joystick/MIDI port No MPEG decoder Lighter Price  T60ED  Standard CD-ROM Video in/out and cable Joystick/MIDI port MPEG decoder Heavier Price  Price
Type - model Preload (see side) Avail / withdrawn date Pentium speed Remv disk - size / ms Disk controller	<b>1.2 GB</b> / 12 ms O EIDE / busmaster / PCI 2			- Microsoft Windows 95 - Online User's Guide - ThinkPad Features
Display - size and type Display - techology Graphics - controller Graph - arch/data path Gaphics - features Memory - std / max Memory - features	12.1 inch SVGA color / 6 Black Matrix TFT - active Trident <sup>TM</sup> CYBER9320 / 32 PCI 2.1 / 32 bit / external \$ Simultaneous LCD and CI 8 MB / 72 MB or 104 MB 70 ns / non-parity / 3.3 vol	e matrix / 100 to 1 contr 2 bit SVGA accelerator / SVGA to 1024 x 768 w/ RT / 180 degree tilt 8 MB / 72 MB or 104 M	ast ratio 1 MB EDO DRAM / 70 ns 256 colors	- Diskette Factory 1. Triton CoSession™ Host; 2. PRODIGY® 3. SofNet FaxWorks™ Fax
Memorý - upgrade Keyboard / # of keys Keyboard slope Pointing / palm rest Dimensions Weight	2 sockets for two JEDEC Full size alp/num / 85 (8 F Automated tilt up keybo TrackPoint III™ / integrat 11.7 x 8.3 x 2.14" (2008) 7.06 pounds (3.20 kg)	Fin key functions) ard (5.5 degrees) ed palm rest / ext keybox 11.7 x 8.3 x 1.92" (186	ard support (w/ optional ca	- Lotus SmartSuite 96 CD-ROM  BLANK PRELOAD
Weight Battery - type Battery - life (1 batt) Battery - life (2 batt) Charge time - on / off Architecture	7.06 pounds (3.20 kg) Lithium lon / intelligent of 3.4 hours N 6.8 hours 2 to 3 hrs / 1.5 to 2.5 hrs ISA (audio, diskette, serial	iMH and remo disk, and models s	pop-up) keyboard to acc ve diskette drive, 1st/2nd 1st/2nd battery (thick upport CD-ROM)	d
Docking Station Port replicator	PCI 2.1 / 32 bit / 33 Mhz ( Dock I and II / <b>SelectaDo</b> Port Replicator I and II / <b>S</b> 2 Type I or 2 Type II or 1 One 9 pin; 16550A / one (I APM-aware BIOS / Slim A	EIDE, graphics, CardB ck I and II electaDock Base Moc Type III / CardBus 32 b EEE P1284-A, EPP, EO	us, ext expansion) <b>lel I</b> <b>it PCI</b> / PCMCIA 2.1 compa CP, bidirectional)	1.2 GB = DMA Mode 1 or PIO Mode 3
Video in/out MPEG decoder DSP function Data/fax modem Audio support  Jacks Telephone Infrared ports Security	None None Mwave MDSP2780 DSP or Data/fax modem functio 16 bit audio chip on plar Int stereo speakers /.5 w Input jack (3.5 mm) / Outpu Telephone / answering m Infrared ports (front and Power-on password / Harr	- 760 NiMH Battery (black) 41H9720 - Li-Ion Battery Pack II (gray) 29H9329 - Travel Quick Charger 85G1522		
Preinstalled software Warranty	device keyhole (Kensingto DIMMS (requires Kensing Windows 95 with applicati 3 year - ThinkPad EasySe	on™ cable lock) / Secu ton) / PC Card lock / Pe ons (listed on right)	rity latch for keyboard and resonalization / Security Pl	ThinkPad 760E supported disks: - (360/750/755 IDE disks not supported) - 720 MB HDD II EIDE 12.5 mm 29H9383
The left bay (UltraBay	r™) supports: Second HDD Adapter)	Compatible in ThinkF - Second HDD Adap - Dock I (1 slot / 1 b - Dock II (2 slot / 2 b	Pad 760E family: oter 29H933 ay) 354500 ay) 354600	- 810 MB HDD II EIDE 12.5 mm 29H9313 - 1.08 GB HDD II EIDE 12.5 mm 29H9319 - 1.2 GB (1.96" or higher models) 29H9325 - 1.4 GB HDD 3L EIDE 12.5 mm 69H8412 - 2.1 GB (1.96" or higher models) 69H8414
© PCMCIA Cartridge © IBM Wireless Mode (option)  Maximum internal dis 4.2 GB with two 2.1 G	(option) em for ARDIS (option) em for ARDIS (option) em for Cellular/CDPD  k capacity on 760E is 6B disks (thick models) or 6B disks (thin models) d by holding F1 when  DSP provides: etion (to 28.8 Kbps) ion (to 14.4 Kbps) ave table synthesis) on erphone	- SelectaDock I - SelectaDock II - Port Replicator I (v - Port Replicator II - SelectaDock Bas - 2.88 MB diskette d - PCMCIA Cartridge - FDD External Atta - Pentium 133/66 MI - 35 watt AC Adapte - 4 x CD-ROM (for t - 6 x CD-ROM to t - 8 MB SO DIMM 3.3 - 16 MB SO DIMM 3.3	lrive 66G010 e (one Type III) 84G130 chment Kit 66G361 Hz/L2 upgrade 46H599 er (slim, 4 pin) 76H011 hick model) 39H741	FEATURES OF 760 MODELS  Setup Pointer (single page) LCD indicator panel Plug and Play 1.0a Discharge battery via mouse click Non-disruptive battery exchange Standby, suspend, safe suspend, and hibernation modes US EPA Energy Star compliant Personalized nameplate in indention Personalization screen at startup International Warranty Service 24 hour /7 day telephone, bulletin hoard fax electronic and internet

# III ThinkPad 760E (XGA) - withdrawn

IBM <sup>®</sup> ThinkPad <sup>®</sup> :	760E     12.1" XGA color - thick			K	ey differences between 760E and 760ED:		
Processor type Processor upgrade L2 cache Removable diskette External FDD port Removable CD-ROM Price	Pentium® 150/60 (P54Cs) None 256 KB / write-back / direct 3.5" 1.44 MB O / in UltraB External FDD port (require None / can upgrade with o	mapped/ ay es Externa	760E  o std CD-ROM o video in/out o joystick/MIDI port o MPEG decoder ighter rice  760ED  Standard CD-ROM Video in/out and cable Joystick/MIDI port MPEG decoder Heavier Price				
Type - model Preload (see side) Remv disk - size / ms Disk controller Avail / withdrawn date	9546-U9B Windows 95 2.1 GB / 12 ms O EIDE / busmaster / PCI 2. October 1996 / October 19	97	WINDOWS 95 PRELOAD  - Microsoft Windows 95  - Online User's Guide  - ThinkPad Features				
Display - size and type Display - techology	12.1 inch XGA color / 640 Black Matrix TFT - active	x 480, 800 matrix / 1	0 x 600, or 1024 x 768 / 65,536 si 00 to 1 contrast ratio	iml colo	rs - PC Card Director 4.0 - Diskette Factory		
Graphics - features Graphics - external	PCI 2.1 / 32 bit / <b>DCI, Direct</b> Simultaneous LCD and CF External SVGA to 1280 x	<b>ctDraw, E</b> i RT / 180 de 1024 w/ 25	egree tilt 56 colors or 1024 x 768 w/ 65,530		<ol> <li>Triton CoSession™ Host</li> <li>SofNet FaxWorks™ Voice™</li> <li>Puma TranXit™</li> </ol>		
Memory - std / max Memory - features Memory - upgrade		:/EDO 144 pin E[	DO SO DIMMs of 8, 16, 32 MB		- Lotus SmartSuite 96 CD-ROM		
Keyboard / # of keys Keyboard slope Pointing / palm rest		ard (5.5 de d palm res		nal cabl	e)		
Dimensions Weight	11.7 x 8.3 x 2.0" (194 cubic 6.41 pounds (2.91 kg)	c inches)					
Battery - type Battery - life (1 batt) Battery - life (2 batt) Charge time - on / off	Lithium Ion / intelligent opi 2.6 hours Nill 5.2 hours 2 to 3 hrs / 1.5 to 2.5 hrs	tional ИН	Liftable (pop-up) keyboard to and remove diskette drive, 1s disk, and 1st/2nd battery (thi models support CD-ROM)	st/2nd	s		
Serial / parallel ports Other features	Dock I and II / SelectaDoc Port Replicator I and II / Se 2 Type I or 2 Type II or 1 Tone 9 pin; 16550A / one (II APM-aware BIOS / Slim A	ck I and II electaDoc ype III / Ca EEE P128			810 MB = DMA Mode 2 or PIO Mode 4 1.08 GB = DMA Mode 2 or PIO Mode 4		
Video in/out MPEG decoder DSP function Data/fax modem Audio support		n via DSP	m, fax, audio, telephony functi (v.34 to 33.6 Kbps) / Mwave 2.1	ion	1.2 GB = DMA Mode 1 or PIO Mode 3 1.35 GB = DMA Mode 2 or PIO Mode 4 2.1 GB = DMA Mode 2 or PIO Mode 4 ThinkPad 760E supported batteries:		
Jacks Telephone Infrared ports	Int stereo speakers / .5 w Input jack (3.5 mm) / Output Telephone / answering ma	att / slide and the slide att / slide att	volume control / internal micro				
Security	Security keyhole / Security	y latch for l	sword / Supervisor password / keyboard and ard lock / Personalization / Secur	rity Plate	ThinkPad 760E supported disks: - (360/750/755 IDE disks not supported)		
Preinstalled software Warranty  The left bay (UltraBay) ① 2nd disk (requires S ② 2nd battery ③ std diskette drive ④ 2.88 MB diskette drive	SM) supports: econd HDD Adapter)	tions (listed on right) erv (optional Overnight Repair Option) or carry-in  Compatible in ThinkPad 760E family: - Second HDD Adapter 29H9333 - Dock I (1 slot / 1 bay) 3545001 - Dock II (2 slot / 2 bay) 3546001 - IDE Conversion Card (for Dock I/II) 46H5994			- 720 MB HDD II EIDE 12.5mm 29H9383 - 810 MB HDD II EIDE 12.5 mm 29H9313 - 1.08 GB HDD II EIDE 12.5 mm 29H9319 - 1.2 GB (1.96"+ models) 17 mm 29H9325 - 1.4 GB HDD 3L EIDE 12.5 mm 69H8412 - 2.1 GB (1.96"+ models) 17 mm 69H8414 - 3.0 GB (1.96"+ models) 17 mm 45H8789 - 5.1 GB (1.96"+ models) 17 mm 00K7902		
© PCMCIA Cartridge ( © IBM Wireless Moder (Option)	m for ARDIS (option) m for Cellular/CDPD	- Select - Select - Select - Port R	taDock I 35 taDock II 35 taDock III 35 eplicator I (w/ PCMCIA slots) 66	547001 547002 547003	FEATURES OF 760 MODELS  Setup Pointer (single page)  LCD indicator panel  Plug and Play 1.0a		
10.2 GB with two 5.1 GB disks  - SelectaDock Base Model I  2.88 MB diskette drive					Discharge battery via mouse click Non-disruptive battery exchange Standby, suspend, safe suspend, and		
turning on.  Integrated Mwave™ D.  ① Data modem funct ② Fax modem function ③ Audio function (wa ④ Telephone function - Full duplex speake ⑤ Digital Simultaneo	SP provides: ion (to 28.8 Kbps) on (to 14.4 Kbps) ave table synthesis) n erphone	- FDD E - 35 wat - 4 x CD - 6 x CD - 8 x CD - 8 - 20 : - 8 MB S - 16 MB	External Attachment Kit 66 tt AC Adapter (slim, 4 pin) 76 Adapter (slim, 4 pin) 39 AD-ROM (UltraBay) 85 AD-ROM (UltraBay) 45	2G7341	hibernation modes US EPA Energy Star compliant Personalized nameplate in indention Personalization screen at startup International Warranty Service 24 hour / 7 day telephone, bulletin board, fax, electronic, and Internet (http://www.pc.ibm.com) support IBM and dealer warranty/service Online Housecall (remote diagnostics)		

## III ThinkPad 760ED (SVGA) - withdrawn

IBM® ThinkPad®:	× 760ED			ThinkPad 760ED strengths over 760CD:
	12.1" SVGA TFT- 4 x CD-F	ROM - Enh	anced Video - MPEG	→ Pentium 133/66 MHz (vs 120/60 MHz)
Processor type Processor upgrade L2 cache Removable diskette External FDD port Removable CD-ROM	Pentium® 133/66 (P54CS) None 256 KB / write-back / direc 3.5" 1.44 MB O / use in Uli External FDD port (requires 5.25" CD-ROM O / 4 x sp EIDE / PIO Mode 3 (ATAP	t mapped / traBay or a s External l <b>eed /</b> multi	Description of the property o	
Type - model Preload (see side) Remv disk - size / ms Disk controller Avail / withdrawn date	9546-U3A Windows 95 1.2 GB / 12 ms O / DMA M Enhanced IDE / busmaster May 1996 / January 1997		Integrated Mwave™ DSP provides:  ① Data modem function  - V.22bis, V.32, V.32bis, v.34 (28.8 Kbps) ② Fax modem function	
Display - size and type Display - techology	12.1 inch SVGA color / 640 Black Matrix TFT - active		<b>300 x 600 / 262,166 simultaneous colo</b> 00 to 1 contrast ratio	Audio function
Graphics - controller Graph - arch/data path Gaphics - features Graphics - external	PCI 2.1 / 32 bit / <b>DCI, Direc</b> Simultaneous LCD and CR External SVGA to 1280 x 1	t <b>Draw, E</b> r T / 180 deg 024 w/ 256	gree tilt 5 colors or 1024 x 768 w/ 65,536 colors	- Stereo waveform record and playback - Qsound support (3-D effect) - 32 voice MIDI wave table synthesizer - SoundBlaster™ support / text to speech - MPEG audio decode
Memory - std / max Memory - upgrade	volt / EDO 2 sockets for two JEDEC 1	144 pin ED	d Proven option) 70 ns / non-parity / 3.	Telephone function     Full telephone (can use opt headset)     Telephone answering machine     Full duplex speakerphone
Keyboard / # of keys Keyboard slope Pointing / palm rest Ext keyboard support	Full size alp/num / 85 (8 Fr Automated tilt up keyboa TrackPoint III™ / integrate Yes (with option cable)	rd (5.5 dec	(a) 2nd disk; (2) 2nd battery (a) std diskette drive; (4) CD-ROM (5) 2.88 MB diskette (option)	Digital Simultaneous Voice Data     WINDOWS 95 PRELOAD
Dimensions Weight (with CD-ROM)	11.7 x 8.3 x 2.14" (208 cub ) 7.38 pounds (3.35 kg)		PCMCIA Cartridge (option)     IBM Wireless Modem ARDIS (option)     BIM Wireless Modem for Cellular/ CDPD (option)	) - Microsoft Windows 95 - Online User's Guide - ThinkPad Features
Battery - type Battery - life (1 batt) Battery - life (2 batt) Charge time - on / off	Lithium Ion / intelligent open 2.8 hours Nil 5.6 hours 2 to 3 hrs / 1.5 to 2.5 hrs	tional MH	Liftable (pop-up) keyboard to acceand remove CD-ROM, diskette driv 1st/2nd disk, and 1st/2nd battery	e, 1. Triton CoSession™ Host; 2. PRODIGY®
Architecture  Docking Station Port replicator PC Card Standard slots Serial / parallel ports Other features	ISA (audio, diskette, serial PCI 2.1 / 32 bit / 33 Mhz (E Dock I and II / <b>SelectaDoc</b> Port Replicator I and II / <b>Se</b> 22 Type I or 2 Type II or 1 Tone 9 pin; 16550A / one (IE APM-aware BIOS / Slim AC	IDE, grap k I and II electaDoc ype III / Ca EEE P1284	3. SofNet FaxWorks™ Voice™ 4. Puma TranXit™ 5. Compuserv for Windows 6. NetFinity for Windows 95 7. Asymetrix® Digital Video Producer™ 8. MPEG Sampler (CD-ROM) - Lotus SmartSuite 96 CD-ROM	
Video in/out MPEG decoder DSP function Data/fax modem Audio support  Jacks Telephone Infrared ports	Composite and S-Video in MPEG-1 & MPEG-2 Half H Mwave MDSP2780 DSP w Data/fax modem function 16 bit audio chip on plana Int stereo speakers / .5 wall input jack (3.5 mm) / Output Telephone / answering mainfrared ports (front and Infrared ports)	in/out / gar orizontal Frith moder ovia DSP ( ar with Mw att / slide work in the control of the	turning on.  ThinkPad 760ED supported batteries:	
Security	Power-on password / Hard device keyhole (Kensington	disk passv n™ cable l	word / Supervisor password / Locking ock) / Security latch for keyboard and ard lock / Personalization / Security Pla	- Car Battery Adapter 49G2167  ThinkPad 760E supported disks:
Preinstalled software Warranty	Windows 95 with applicatio 3 year - ThinkPad EasySer	ns (listed or v (optional	on right) Overnight Repair Option) or carry-in	- (360/750/755 IDE disks not supported) - 720 MB HDD II EIDE 12.5 mm 29H9383 - 810 MB HDD II EIDE 12.5 mm 29H9313
for video capture (ca	d in 760ED provides: S-Video in (NTSC or PAL) apture and digitize video still image capture (capture	Compati - Secor - Dock - Dock	-1.08 GB HDD II EIDE 12.5 mm 29H9319 -1.2 GB (1.96" or higher models) 29H9325 -1.4 GB HDD 3L EIDE 12.5 mm 69H8412 -2.1 GB (1.96" or higher models) 69H8414	
- Composite out and (connect to video o or record on VCR th - Mini game port for - Includes video in an (includes one video - Use software called - Hardware acceleral Windows "M former chip (as in 755CD a integrated into the 9 interpolation in X and conversion when DC - Plays back MPEG movies, video CDs	ut port; NTSC or PAL); le screen of ThinkPad. MIDI or joystick d video out ports in/out cable) Digital Video Producer™ lition of 'Video for y done by a separate ASCII nd 760CD) has now been 385 graphicscontroller; d Y axis; color space CI enabled  motion videos, CD-I s, and Karaoke MPEG x 480, 800 x 600, or	- Selec - Selec - Port R - Selec - 2.88 M - PCMC - 35 wa - 4 x Cl - 6 x Cl - 8 MB: - 16 MB	onversion Card (for Dock I/II) 46H599. taDock I 3547002 teplicator I (w/ PCMCIA slots) 66G351 teplicator II 66G352 taDock Base Model I 39H7402 MB diskette drive 66G010 CIA Cartridge (one Type III) 84G130 External Attachment Kit 66G361 tt AC Adapter (slim, 4 pin) 76H0112 O-ROM (UltraBay) 39H7412 SO DIMM 3.3v NP EDO 64 bit 92G7344 S SO DIMM 3.3v NP EDO 64 bit 92G734	Setup Pointer (single page) LCD indicator panel Plug and Play 1.0a Discharge battery via mouse click Non-disruptive battery exchange Standby, suspend, safe suspend, and hibernation modes US EPA Energy Star compliant Personalized nameplate in indention Personalization screen at startup International Warranty Service 24 hour / 7 day telephone, bulletin

					TI::-LD1700FD(
IBM <sup>®</sup> ThinkPad <sup>®</sup> :	12.1" XGA TFT - 6 x CD-R0	OM - Enhan	ced Video - MPEG		ThinkPad 760ED strengths over 760CD:
Processor type Processor upgrade L2 cache Removable diskette External FDD port Removable CD-ROM	Pentium® 133/66 (P54CS None 256 KB / write-back / direc 3.5" 1.44 MB O / use in Ult External FDD port (includes 5.25" CD-ROM O / 6 x spi EIDE / PIO Mode 3 (ATAP	t mapped / traBay or at s Floppy Dis eed / multi-s	Pentium 133/66 MHz (vs 120/60 MHz)     PCI bus (vs VL-Bus)     16 MB EDO memory (vs 8 MB fast page)     64 bit path to memory (vs 32 bit)     9385 64 bit graphics with 2 MB EDO     CardBus PC Card support (32 bit PCI)		
Disk controller	9546-U9A Windows 95 2.1 GB / 12 ms O / DMA M Enhanced IDE / busmaster October 1996 / October 199	ode 2 or PIC / PCI 2.1 / s	Integrated Mwave™ DSP provides:  ① Data modem function  - V.22bis, V.32, V.32bis, v.34 (28.8 Kbps) ② Fax modem function		
Display - size and type Display - techology	12.1 inch XGA color / 640 : Black Matrix TFT - active			336 siml colors	- G3 fax send/receive (14.4 Kbps)  3 Audio function - Stereo waveform record and playback
Graphics - controller Graph - arch/data path Gaphics - features Graphics - external	Trident™ CYBER9385 / 64 PCI 2.1 / 32 bit / <b>DCI, Direc</b> Simultaneous LCD and CR External SVGA to 1280 x 1	t <b>Draw, En</b> T / 180 degr	OIVE support ee tilt		<ul> <li>Qsound support (3-D effect)</li> <li>32 voice MIDI wave table synthesizer</li> <li>SoundBlaster™ support / text to speech</li> <li>MPEG audio decode</li> </ul>
Memory - std / max Memory - upgrade	16 MB / 80 MB (104 MB w/ 2 sockets for two JEDEC 1				Telephone function     Full telephone (can use opt headset)     Telephone answering machine
Keyboard / # of keys Keyboard slope Pointing / palm rest Ext keyboard support	Full size alp/num / 85 (8 Fr Automated tilt up keyboa TrackPoint III™ / integrated Yes (with option cable)	<b>rd</b> (5.5 degr	(a) 2nd disk; (b) 2nd ba (c) 3 std diskette drive; (c) 5 2.88 MB diskette (c) (c) 6 PCMCIA Cartridge	attery CD-ROM option) (option)	Full duplex speakerphone     Digital Simultaneous Voice Data  WINDOWS 95 PRELOAD
Dimensions Weight (with CD-ROM	11.7 x 8.3 x 2.0" (194 cubic ) 6.65 pounds (3.02 kg)		© IBM Wireless Mode ® IBM Wireless Mode CDPD (option)		- Microsoft Windows 95 - Online User's Guide
Battery - type Battery - life (1 batt) Battery - life (2 batt) Charge time - on / off	Lithium Ion / intelligent opt 2.2 hours Nill 4.4 hours 2 to 3 hrs / 1.5 to 2.5 hrs	<i>ИН</i>	<i>Liftable (pop-up) keyb</i> and remove CD-ROM, 1st/2nd disk, and 1st/2	diskette drive,	Think Dod Footures
Serial / parallel ports Other features	ISA (audio, diskette, serial, PCI 2.1/32 bit/33 Mhz (E Dock I and II / SelctaDock Port Replicator I and II / Ses 2 Type I or 2 Type II or 1 Ty One 9 pin; 16550A / one (IE APM-aware BIOS / Slim AC	IDE, graphic I and II a	<ol> <li>SofNet FaxWorks™ Voice™</li> <li>Puma TranXit™</li> <li>Compuserv for Windows</li> <li>NetFinity for Windows 95</li> <li>Asymetrix® Digital Video Producer™</li> <li>MPEG Sampler (CD-ROM)</li> <li>Lotus SmartSuite 96 CD-ROM</li> </ol>		
Video in/out MPEG decoder DSP function Data/fax modem Audio support  Jacks Telephone Infrared ports	Composite and S-Video i MPEG-1 & MPEG-2 Half Hd Mwave MDSP2780 DSP w Data/fax modem function 16 bit audio chip on plana Int stereo speakers / .5 wa Input jack (3.5 mm) / Output Telephone / answering ma Infrared ports (front and b	orizontal Reith modem via DSP (var with Mwa att / slide vo i jack (3.5 mi chine / full o	Easy-Setup is entered by holding F1 when turning on.  ThinkPad 760ED supported batteries:  - 760 NiMH Battery (black) 41H9720  - Li-Ion Battery Pack II (gray) 29H9329  - Travel Quick Charger 85G1522		
Security	Power-on password / Hard Security keyhole (requires DIMMS (requires cable) / P	cable) / Se	curity latch for keyboard	and	- Car Battery Adapter 49G2167 ThinkPad 760ED supported disks: - (360/750/755 IDE disks not supported)
Preinstalled software Warranty	Windows 95 with applicatio	ns (listed or	right)		- 720 MB HDD II EIDE 12.5 mm 29H9383 - 810 MB HDD II EIDE 12.5 mm 29H9313 - 1.08 GB HDD II EIDE 12.5 mm 29H9319
for video capture (ca from a TV or VCR), and digitize still pho Composite out and (connect to video o or record on VCR th Mini game port for Includes video in an (includes one video Use software called Hardware accelera Windows¹™ forment¹ chip (as in 755CD a integrated into the 9 interpolation in X ar conversion when DC Plays back MPEG	S-Video in (NTSC or PAL) apture and digitize video still image capture (capture to images), and overlay. d S-Video out to TV ut port; NTSC or PAL); he screen of ThinkPad. MIDI or joystick divideo out ports in/out cable) Digital Video Producer™ ation of 'Video for y done by a separate ASCII nd 760CD) has now been 385 graphics controller; d Y axis; color space CI enabled	- Second - Dock I ( - Dock II ( - IDE Cor - Selecta - Selecta - Port Rep - Port Rep - Port Rep - Selecta - 2.88 MB - PCMCI/ - FDD Ext - 35 watt. - 4 x CD-1 - 8 x CD-1 - 8 x CD-1 - 8 x B SC - 16 MB S	<b>Dock II</b> <b>Dock III</b> blicator I (w/ PCMCIA slo	29H9333 3545001 3546001 46H5994 3547002 3547003 3547003 ots) 66G3510 66G3520 39H7405 66G0108 84G1301 66G3618 76H0119 39H7413 85G1957 45H8786 00K7903 ott) 92G7340 bit 92G7341	- 1.2 GB (1.96"+models) 17 mm 29H9325 - 1.4 GB HDD 3L EIDE 12.5 mm 69H8412 - 2.1 GB (1.96"+models) 17 mm 69H8414 - 3.0 GB (1.96"+models) 17 mm 45H8789 - 5.1 GB (1.96"+models) 17 mm 00K7902  FEATURES OF 760 MODELS  Setup Pointer (single page) LCD indicator panel Plug and Play 1.0a Discharge battery via mouse click Non-disruptive battery exchange Standby, suspend, safe suspend, and hibernation modes US EPA Energy Star compliant Personalized nameplate in indention Personalized nameplate in indention Personalization screen at startup International Warranty Service 24 hour / 7 day telephone, bulletin board, fax, electronic, and Internet (http://www.pc.ibm.com) support IBM and dealer warranty/service

IDM® ThinkDad®	> 760XL				
IBM <sup>®</sup> ThinkPad <sup>®</sup> :	12.1" SVGA TFT - thick				
Processor type Processor upgrade L2 cache Removable diskette External FDD port Removable CD-ROM	None 256 KB / write-back / direct 3.5" 1.44 MB ① / use in U External FDD port (require	IHz (P55CLM) / 64 bit to L2 cache / 64 bit to memory t mapped / 10 ns / synchronous pipelined burst ltraBay or attach externally via rear ext FDD port es FDD External Attachment Kit 66G3618) x, 6 x, 8 x, or 8-20 x CD-ROM into UltraBay	WINDOWS 95 PRELOAD  - Microsoft Windows 95 OSR2 (FAT16)  - Online User's Guide  - ThinkPad Features  - Diskette Factory		
Type - model (code) Preload (see side) Avail / withdrawn date Remv disk - size / ms Disk controller	9547-U9C (Michigan MM Windows 95 OSR2 April 1997 / January 1998 2.1 GB / 13 ms ) / DMA	X) 9547-U9K (Michigan MMX) Windows NT Workstation 4.0 April 1997 / January 1998	<ol> <li>Lotus Organizer</li> <li>CompuServ for Windows</li> <li>Puma TranXit™</li> <li>NetFinity for Windows 95</li> <li>Triton CoSession™ Host</li> <li>IntelliLink Connect</li> </ol>		
Display - size and type Display - techology		40 x 480, 800 x 600 / 65,536 simultaneous colors matrix / 100 to 1 contrast ratio	7. IBM AntiVirus 8. IBM Internet Connection Services with		
Graphics - controller		bit SVGA accelerator / 1 MB EDO DRAM / 70 ns ctDraw, EnDIVE support RT / 180 degree tilt	Netscape Navigator web browser  9. Registration Mailer  - Lotus SmartSuite 96 CD-ROM  - Recovery CD-ROM with boot diskette  - Windows 95 CD-ROM (no installation)		
Memory - std / max Memory - sockets avail Memory - features	70 ns / non-parity / 3.3 volt 8 MB in system; 8 MB on n Memory module under disk	32 MB / 104 MB 1 socket available (1 socket uses 16 MB) t / EDO / supports JEDEC 144 pin SO-DIMMs nemory module with 2 SO-DIMM sockets ( (not removable) and accessible by opening keyboard 8 MB on memory module is disabled via switch	WINDOWS NT 4.0 PRELOAD  Microsoft Windows NT 4.0 Workstation with utilities and device drivers		
Keyboard / # of keys Keyboard slope Pointing / palm rest					
Dimensions Weight	11.7 x 8.3 x 2.14" (208) 6.7 pounds (3.05 kg)				
Battery - type Battery - life (1 batt) Charge time - on / off	Lithium Ion / intelligent 2.3 hours (4.6 hours with 2 2 to 3 hrs / 1.5 to 2.5 hrs	(optional NiMH battery supported) batteries)			
Architecture  Docking Station Port replicator PC Card Standard slots Serial / parallel ports Other features	PCI 2.1 / 32 bit / 33 MHz ( Intel Mobile Triton 82430N Dock I and II / SelectaDo Port Replicator I and II / S 2 Type I or 2 Type II or 1 One 9 pin; 16550A / one (I	electaDock Base Model I Type III / CardBus 32 bit PCI / PCMCIA 2.1 compatible EEE P1284-A, EPP, ECP, bidirectional)	Think Part 760VL supported batteries:		
Video in/out MPEG decoder DSP function Data/fax modem	None None None None None	C Adapter 2 prong (35 watts) / Selectable boot  Liftable (pop-up) keyboard to access and remove diskette drive, 1st/2nd disk, and 1st/2nd battery, and other UltraBay options	ThinkPad 760XL supported batteries:  - 760 NiMH Battery (black) 41H9720 - Li-lon Battery Pack II (gray) 29H9325 - Travel Quick Charger 85G1522 - Car Battery Adapter 49G2162 ThinkPad 760 supported disks:  - (360/750/755 IDE disks not supported) - 720 MB HDD II EIDE 12.5 mm 29H93832 - 810 MB HDD II EIDE 12.5 mm 29H9313		
Audio support  Jacks Telephone	16 bit audio chip / 20 voi Int stereo speakers / .5 wa Input jack (3.5 mm) / outpu None				
Infrared ports Security	Power-on password / Hard device keyhole (Kensingto DIMMS (requires Kensing	back) / IrDA 1.0 compatible / up to 1.15 Mbps d disk password / Supervisor password / Locking on™ cable lock) / Security latch for keyboard and ton) / PC Card lock / Personalization / Security Plate	- 1.08 GB HDD II EIDE12.5 mm 29H9319 - 1.2 GB (1.96"+ models) 17 mm 29H9325 - 1.4 GB HDD 3L EIDE12.5 mm 69H8412 - 2.1 GB (1.96"+ models) 17 mm 69H8414		
Warranty	3 year - ThinkPad EasySe	erv (depot repair service) or carry-in	- 3.0 GB (1.96"+ models) 17 mm 45H8789 -5.1 GB (1.96"+ models) 17 mm 00K7902		
<ul><li>2 2nd battery</li><li>3 Standard diskette d</li></ul>	Second HDD Adapter)	OPTIONS  - Second HDD Adapter 29H9333  - Dock I (1 slot / 1 bay) 3545001  - Dock II (2 slot / 2 bay) 3546001	,		
@ 2.88 MB diskette dr     © CD-ROM  Maximum internal dist 10.2 GB with two 5.1 teasy-Setup is entered turning on.  810 MB = DMA Modd 1.08 GB = DMA Modd 1.2 GB = DMA Modd 1.35 GB = DMA Modd 2.1 GB = DMA Modd 3.0 GB = DMA Modd 5.1 GB = Ultra DMA	k capacity on 760XL is GB disks d by holding F1 when e 2 or PIO Mode 4 e 2 or PIO Mode 4 e 1 or PIO Mode 3 e 2 or PIO Mode 4 e 2 or PIO Mode 4 e 2 or PIO Mode 4 e 2 or PIO Mode 4	- IDE Conversion Card (for Dock II) 46H5994 - SelectaDock II 3547001 - SelectaDock III 3547002 - SelectaDock III 3547003 - Port Replicator I (w/ PCMCIA slots) 66G3510 - Port Replicator II 66G3520 - SelectaDock Base Model I 39H7405 - 2.88 MB diskette 66G0108 - FDD External Attachment Kit 66G3618 - 35 watt AC Adapter (slim, 4 pin) 76H0119 - 4 x CD-ROM (UltraBay) 39H7413 - 6 x CD-ROM (UltraBay) 85G1957 - 8 x CD-ROM (UltraBay) 45H8786 - 8-20 x CD-ROM (UltraBay) 92G7340 - 16 MB SO DIMM 3.3v NP EDO 64 bit 92G7341 - 32 MB SO DIMM 3.3v NP EDO 64 bit 92G7342 - 64 MB SO DIMM 3.3v NP EDO 64 bit 76H0268	Guick Setup Guide (single page) LCD indicator panel Plug and Play 1.0a Discharge battery via mouse click Non-disruptive battery exchange Standby, suspend, safe suspend, and hibernation modes US EPA Energy Star compliant Personalized nameplate in indention Personalization screen at startup International Warranty Service IBM SystemXtra Program 24 hour / 7 day telephone, bulletin board, fax, electronic, and Internet (http://www.pc.ibm.com) support IBM and dealer warranty/service Online Housecall (remote diagnostics)		

IDM® This Is Doug®	× 760XD		WINDOWS OF BRELOAD
IBM® ThinkPad®:		OM - Enhanced Video - MPEG	WINDOWS 95 PRELOAD  - Microsoft Windows 95 OSR2 (FAT16)
Processor type Processor upgrade L2 cache Removable diskette External FDD port Removable CD-ROM	Pentium® MMX 166/66 M None 256 KB / write-back / direction of the control of the	Hz (P55CLM) / 64 bit to L2 cache / 64 bit to memory of mapped / 10 ns / synchronous pipelined burst traBay or attach externally via rear ext FDD port s Floppy Disk Drive Enclosure) eed / multi-session / XA / play with eject button Pl) / in UltraBay which supports several devices	- Microsoft Windows 95 OSR2 (FAT16) - Online User's Guide - ThinkPad Features Program - Diskette Factory Utilities 1. Lotus Organizer 2. CompuServ for Windows 3. Puma TranXit™ 4. NetFinity for Windows 95
Disk controller	9546-U9E (Michigan MMX Windows 95 OSR2 3.0 GB / 12 ms O / DMA M	, , , , , , , , , , , , , , , , , , , ,	<ol> <li>5. Triton CoSession™ Host</li> <li>6. SofNet FaxWorks™ Voice</li> <li>7. Asymetrix® Digital Video Producer</li> <li>8. IntelliLink Connect</li> <li>9. IBM AntiVirus</li> <li>10. IBM Internet Connection Services with</li> </ol>
Display - size and type Display - techology		x 480, 800 x 600 or 1024 x 768 / 65,536 siml colors matrix / 100 to 1 contrast ratio	Netscape Navigator web browser  11. Registration Mailer
Graphics - controller Graph - arch/data path Graphics - features Graphics - external	PCI 2.1 / 32 bit / DCI, Direct Simultaneous LCD and CF		MPEG Sampler CD-ROM     Lotus SmartSuite 96 CD-ROM     Recovery CD-ROM with boot diskette     Windows 95 CD-ROM (no installation)
Memory - std / max Memory - upgrade Mem - implementation	8 MB in system; 8 MB on m	non-parity / 3.3v / EDO IEC 144 pin EDO SO-DIMM of 8, 16, 32, 64 MB emory module; 16 MB DIMM in 1 socket; 1 socket avail (not removable) and accessible by opening the keyboard	Integrated Mwave™ DSP provides:  ① Data modem function  - V.22bis, V.32, V.32bis, v.34 (28.8 Kbps)
Keyboard / # of keys Keyboard slope Pointing / palm rest Ext keyboard support	Full size alp/num / 85 (8 F Automated tilt up keyboa TrackPoint III™ / integrate Yes (with option cable)	urd (5.5 degrees) ① 2nd disk; ② 2nd battery	<ul> <li>Fax modem function</li> <li>G3 fax send/receive (14.4 Kbps)</li> <li>Audio function</li> <li>Stereo waveform record and playback</li> </ul>
Dimensions / weight	11.7 x 8.3 x 2.0" (194 cubic	c inches) / 7.0 pounds (3.18 kg) with CD-ROM	<ul> <li>Qsound support (3-D effect)</li> <li>32 voice MIDI wave table synthesizer</li> </ul>
Battery - type Battery - life (1 batt) Charge time - on / off	Lithium lon / intelligent 2.0 hours (4 hrs with 2 batt 2 to 3 hrs / 1.5 to 2.5 hrs	optional NiMH Liftable (pop-up) keyboard to access and remove CD-ROM, diskette drive, 1st/2nd disk, and 1st/2nd battery	- SoundBlaster support / text to speech - MPEG audio decode Telephone function
Architecture  Port replicator Docking Station PC Card Standard slots Serial / parallel ports	PCI 2.1/32 bit/33 Mhz (Intel Mobile Triton 82430M Port Replicator I and II/Se Dock I and II/SelectaDoc 2 Type I or 2 Type II or 1	, parallel, infrared, ext expansion) EIDE, graphics, CardBus, MPEG, ext expansion) MX PCIset / TI PCI1130 for CardBus electaDock Base Model I Ek I and II and III Type III / CardBus 32 bit PCI / PCMCIA 21 compatible EEE P1284-A, EPP, ECP, bidirectional)	- Full telephone (can use opt headset) - Telephone answering machine - Full duplex speakerphone  ⑤ Digital Simultaneous Voice Data  Easy-Setup is entered by holding F1 when
Other features :	APM-aware BIOS / Slim A	C Adapter 2 prong (35 watts) / Selectable boot	turning on.
Video in/out MPEG decoder DSP function Data/fax modem Audio support Jacks Telephone Infrared ports	Mwave MDSP2780 DSP w Data/fax modem function 16 bit audio chip on plan Int stereo speakers / .5 w Input jack (3.5 mm) / Output Telephone / answering ma	orizontal Resolution (HHR) decoder (MPEGCD1) vith modem, fax, audio, telephony function n via DSP (v.34 to 33.6 Kbps) / Mwave	ThinkPad 760XD supported batteries:  - 760 NiMH Battery (black)
Security	device keyhole (Kensingto DIMMS (requires Kensingt	l disk password / Supervisor password / Locking n™ cable lock) / Security latch for keyboard and on) / PC Card lock / Personalization / Security Plate	
Warranty	3 year - ThinkPad EasySe	rv (optional Overnight Repair Option) or carry-in	- 2.1 GB (1.96"+ models) 17 mm 69H8414 - 3.0 GB (1.96"+ models) 17 mm 45H8789
for video capture (ca from a TV or VCR), and digitize still phot Composite out and (connect to video or or record on VCR th  - Mini game port for Includes video in an (includes one video - Use software called - Hardware accelera Windows <sup>TM</sup> formerly chip (as in 755CD a integrated into the 9 interpolation in X an conversion - Plays back MPEG I	S-Video in (NTSC or PAL) apture and digitize video still image capture (capture to images), and overlay. I S-Video out to TV ut port; NTSC or PAL); e screen of ThinkPad. MIDI or joystick d video out ports in/out cable) Digital Video Producer <sup>TM</sup>	OPTIONS  - Second HDD Adapter 29H9333 - Dock I (1 slot / 1 bay) 3545001 - Dock II (2 slot / 2 bay) 3546001 - IDE Conversion Card (for Dock I/II) 46H5994 - SelectaDock II 3547001 - SelectaDock III 3547002 - SelectaDock III 3547003 - Port Replicator I (w/ PCMCIA slots) 66G3510 - Port Replicator II 66G3520 - SelectaDock Base Model I 39H7405 - 2.88 MB diskette drive 66G30108 - FDD External Attachment Kit 66G3618 - 35 watt AC Adapter (slim, 4 pin) 76H0119 - 4 x CD-ROM (UltraBay) 39H7413 - 6 x CD-ROM (UltraBay) 45H8786 - 8 x CD-ROM (UltraBay) 45H8786 - 8 x CD-ROM (UltraBay) 00K7903 - 8 MB SO DIMM 3.3v NP EDO 64 bit 92G7341 - 32 MB SO DIMM 3.3v NP EDO 64 bit 92G7342 - 64 MB SO DIMM 3.3v NP EDO 64 bit 92G7342 - 64 MB SO DIMM 3.3v NP EDO 64 bit 76H0268 - Other options from ThinkPad Proven partners	-5.1 GB (1.96"+ models) 17 mm 00K7902  FEATURES OF 760 MODELS  Quick Setup Guide (single page) LCD indicator panel Plug and Play 1.0a Discharge battery via mouse click Non-disruptive battery exchange Standby, suspend, safe suspend, and hibernation modes US EPA Energy Star compliant Personalized nameplate in indention Personalization screen at startup International Warranty Service IBM SystemXtra Program 24 hour / 7 day telephone, bulletin board, fax, electronic, and Internet (http://www.pc.ibm.com) support IBM and dealer warranty/service Online Housecall (remote diagnostics)

IBM <sup>®</sup> ThinkPad <sup>®</sup> :	<b>765L</b> 13.3" XGA TFT			
Processor type Processor upgrade L2 cache Removable diskette External FDD port Removable CD-ROM	None 256 KB / write-back / dir 3.5" 1.44 MB ○ / use in External FDD port (requ	ect mapped / 10 ns / synchronous pipelined burst UltraBay or attach externally via rear ext FDD port uires FDD External Attachment Kit 66G3618) 4 x or 6 x or 8 x CD-ROM into UltraBay	WINDOWS 95 PRELOAD  - Microsoft Windows 95 OSR2 (FAT16)  - Online User's Guide  - ThinkPad Features  - Diskette Factory  1. Lotus Organizer	
Type - model (code) Preload (see side) Avail / withdrawn date Remv disk - size / ms Disk controller		A Mode 2 or PIO Mode 4 (C: is 1.99 GB, D: is 885 MB) I 2.1 / supports two internal disks / SMART	<ol> <li>CompuServ for Windows</li> <li>Puma TranXit™</li> <li>NetFinity for Windows 95</li> <li>Triton CoSession™ Host</li> <li>IntelliLink Connect</li> </ol>	
Display - size and type Display - techology		440 x 480, 800 x 600 or 1024 x 768 / 65,536 siml colors ive matrix / 100 to 1 contrast ratio	7. IBM AntiVirus 8. IBM Internet Connection Services with	
Graphics - controller Graph - arch/data path Graphics - features Graphics - external	PCI 2.1 / 32 bit / DCI, Di Simultaneous LCD and	64 bit SVGA accelerator / 2 MB EDO DRAM / 70 ns rectDraw, EnDIVE support CRT / 180 degree tilt x 1024 w/ 256 colors or 1024 x 768 w/ 65,536 colors	Netscape Navigator web browser  9. Registration Mailer  10. ThinkPad on the NET  11. America Online  - Lotus SmartSuite 96 CD-ROM	
Memory - features	8 MB in system; 8 MB or Memory module under or	cket uses 16 MB)  rolt / EDO / supports JEDEC 144 pin SO-DIMMs  n memory module with 2 SO-DIMM sockets  disk (not removable) and accessible by opening keyboard  he 8 MB on memory module is disabled via switch	Recovery CD-ROM with boot diskette     Windows 95 CD-ROM (no installation)	
Keyboard / # of keys Keyboard slope Pointing / palm rest		ooard (5.5 degreeś) ated palm rest / ext keyboard support (with option cable)		
Dimensions Weight	11.7 x 9.3 x 2.23" (243 o 7.4 pounds (3.34 kg)	cubic inches)		
Battery - type Battery - life (1 batt) Charge time - on / off	Lithium Ion / intelligent 2.1 hours (4.2 hours wit 2 to 3 hrs / 1.5 to 2.5 hrs			
Architecture  Docking Station Port replicator PC Card Standard slots Serial / parallel ports Other features	PCI 2.1/32 bit/33 MH Intel Mobile Triton 8243 SelectaDock I and II a Port Replicator I and II 2 Type I or 2 Type II or One 9 pin; 16550A / one	rial, parallel, infrared, ext expansion) z (EIDE, graphics, CardBus, ext expansion) 30MX PCIset / TI PCI1130 for CardBus nd III / SelectaDock Base Model I r 1 Type III / CardBus 32 bit PCI / PCMCIA 21 compatible e (IEEE P1284-A, EPP, ECP, bidirectional) Adapter 4 pin 3 prong (56 watts) / Selectable boot	ThinkPad 765L supported batteries:	
Video in/out MPEG decoder DSP function Data/fax modem Audio support	Int stereo speakers / .5	Liftable (pop-up) keyboard to access and remove diskette drive, 1st/2nd disk, and 1st/2nd battery, and other UltraBay options roice MIDI FM synthesis / ESS1688 watt / slide volume control / internal microphone	- 760 NiMH Battery (black) 41H9720 - Li-Ion Battery Pack II (gray) 29H9320 - Travel Quick Charger 85G152: - Car Battery Adapter 49G216: ThinkPad 760 supported disks:	
Jacks Telephone Infrared ports	Input jack (3.5 mm) / out None	put jack (3.5 mm)  nd back) / IrDA 1.0 compatible / up to 1.15 Mbps	- (360/750/755 IDE disks not supported) - 720 MB HDD II EIDE 12.5 mm 29H9383 - 810 MB HDD II EIDE 12.5 mm 29H9313	
Security	Power-on password / H device keyhole (Kensin	ard disk password / Supervisor password / Locking gton™ cable lock) / Security latch for keyboard and ngton) / PC Card lock / Personalization / Security Plate	- 1.08 GB HDD II EIDE 12.5 mm 29H9319 - 1.2 GB (1.96"+ models) 17 mm 29H9325 - 1.4 GB HDD 3L EIDE 12.5 mm 69H8412 - 2.1 GB (1.96"+ models) 17 mm 69H8414	
Warranty Service options	3 year - ThinkPad Easy On-site, M-F, 8-5, next I	Serv (depot repair service) or carry-in bus day (71 cities) / Warranty extension to 5 years	- 3.0 GB (1.96"+ models) 17 mm 45H8789 - 5.1 GB (1.96"+ models) 17 mm 00K7902	
The left bay (UltraBay ① 2nd disk (requires S ② 2nd battery ③ Standard diskette dr ④ 2.88 MB diskette dr ⑤ CD-ROM  Maximum internal disk 10.2 GB with two 5.1 C Easy-Setup is entered turning on.  810 MB = DMA Mode 1.08 GB = DMA Mode 1.2 GB = DMA Mode 1.3 GB = DMA Mode 2.1 GB = DMA Mode 3.0 GB = DMA Mode 5.1 GB = Ultra DMA	rive rive capacity on 765L is GB disks I by holding F1 when e 2 or PIO Mode 4 e 2 or PIO Mode 4 e 2 or PIO Mode 4 e 2 or PIO Mode 4 e 2 or PIO Mode 4 e 2 or PIO Mode 4 e 2 or PIO Mode 4 e 2 or PIO Mode 4 e 2 or PIO Mode 4 e 2 or PIO Mode 4	- Second HDD Adapter - IDE Conversion Card (for Dock II) - SelectaDock I - SelectaDock II - SelectaDock III - Port Replicator I (w/ PCMCIA slots) - Port Replicator II - SelectaDock Base Model I - 2.88 MB diskette - FDD External Attachment Kit - 56 watt AC Adapter (4 pin; 3 prong) - 6 x CD-ROM (UltraBay) - 8 x CD-ROM (UltraBay) - 8 x CD-ROM (UltraBay) - 8 x CD-ROM (UltraBay) - 8 MB SO DIMM 3.3v NP EDO 64 bit - 16 MB SO DIMM 3.3v NP EDO 64 bit - 16 MB SO DIMM 3.3v NP EDO 64 bit - 16 MB SO DIMM 3.3v NP EDO 64 bit - 16 MB SO DIMM 3.3v NP EDO 64 bit - PCMCIA 33.6 Kbps modem w/ XJACK 55H6759 - 56K PC Card Modem Kit - VAFORDA (46H594 - SECONDA FEATURES OF 765 MODELS  Quick Setup Guide (single page) LCD indicator panel Plug and Play 1.0a Discharge battery via mouse click Non-disruptive battery exchange Standby, suspend, safe suspend, and hibernation modes US EPA Energy Star compliant Personalized nameplate in indention Personalization screen at startup International Warranty Service IBM System Care Program 24 hour / 7 day telephone, bulletin board, fax, electronic, and Internet (http://www.pc.ibm.com) support IBM and dealer warranty/service Online Housecall (remote diagnostics)		

IBM® ThinkPad®:	765D				WINDOWS 95 PRELOAD
Processor type Processor upgrade L2 cache Removable diskette External FDD port Removable CD-ROM	13.3" XGA TFT - 8 x CD-R  Pentium® MMX 166/66 M  None 256 KB / write-back / direct 3.5" 1.44 MB O / use in UI  External FDD port (include 5.25" CD-ROM O / 8 x sp  EIDE / PIO Mode 3 (ATAP	Hz (P55CL et mapped traBay or a s Floppy D eed / multi	- Microsoft Windows 95 OSR2 (FAT16)  - Online User's Guide - ThinkPad Features Program - Diskette Factory Utilities 1. Lotus Organizer 2. CompuServ for Windows 3. Puma TranXit™ 4. NetFinity for Windows 95		
	9546-U9H Windows 95 OSR2 3.0 GB / 12 ms O / DMA M Enhanced IDE / busmaste June 1997 / July 1997	r / PCI 2.1 / ()	′ supports two interna C: is 1.99 GB, D: is 88	5 MB)	5. Triton CoSession™ Host 6. SofNet FaxWorks™ Voice 7. Asymetrix® Digital Video Producer 8. IntelliLink Connect 9. IBM Antivirus
Display - size and type Display - techology	13.3 inch XGA color / 640 Black Matrix TFT - active	matrix / 10	00 to 1 contrast ratio	65,536 SIMI COIOTS	Netscape Navigator web browser 11. Registration Mailer
Graphics - controller Graph - arch/data path Graphics - features Graphics - external	Trident™ CYBER9385 / 64 PCI 2.1 / 32 bit / DCI, Direc Simultaneous LCD and CR External SVGA to 1280 x 1	ctDraw, En RT / 180 de 024 w/ 256	DIVE support gree tilt 5 colors or 1024 x 768		12. ThinkPad on the NET 13. America Online - MPEG Sampler CD-ROM - Lotus SmartSuite 96 CD-ROM
Memory - std / max Memory - upgrade Mem - implementation	32 MB / 104 MB 70 ns / 1 socket avail for one JED 8 MB in system; 8 MB on m Memory module under disk	EC 144 pli emory mod	n EDO SO-DIMM of 8 lule; 16 MB DIMM in 1 s	ocket; 1 socket avail	Recovery CD-ROM with boot diskette     Windows 95 CD-ROM (no installation)  Integrated Mwave DSP provides:
Keyboard / # of keys Keyboard slope Pointing / palm rest Ext keyboard support	Full size alp/num / 85 (8 Findumated tilt up keyboat TrackPoint IIITM / integrate Yes (with option cable)	ı <b>rd</b> (5.5 deç	grees) ① 2nd disk; ②	drive; ④ std CD-RON	- G3 fax send/receive (14.4 Kbps)
Dimensions / weight	11.7 x 9.3 x 2.23" (243 cub	ic inches) /	7.7 pounds (3.49 kg)	with CD-ROM	3 Audio function     - Stereo waveform record and playback
Battery - type Battery - life (1 batt) Charge time - on / off	Lithium lon / intelligent 2.0 hours (4 hrs with 2 batt 2 to 3 hrs / 1.5 to 2.5 hrs	, , , , , , , , , , , , , , , , , , , ,	Liftable (pop-up) k and remove CD-R0 1st/2nd disk, and 1	DM, diskette drive st/2nd battery	Gound support (3-D effect)  Gound Support (3-D effect)  Gound Support (3-D effect)  Gound Support (3-D effect)  Gound Support (3-D effect)  Gound Support (3-D effect)
Port replicator Docking Station PC Card Standard slots Serial / parallel ports	ISA (audio, diskette, serial PCI 2.1 / 32 bit / 33 Mhz (E Intel Mobile Triton 82430M Port Replicator I and II / Sc SelectaDock I and II and 32 Type I or 2 Type II or 1 One 9 pin; 16550A / one (II	EIDE, grap MX PCIset / electaDoc III Type III / ( EEE P1284	- MPEG audio decode  (1) Telephone function - Full telephone (can use opt headset) - Telephone answering machine - Full duplex speakerphone (5) Digital Simultaneous Voice Data		
Other features •	APM-aware BIOS / AC Ada  Composite and S-Video		, ,	electable boot	Easy-Setup is entered by holding F1 when turning on.
Video in/out MPEG decoder DSP function Data/fax modem Audio support	MPEG-1 & MPEG-2 Half H Mwave MDSP2780 DSP w Data/fax modem functior 16 bit audio chip on plans Int stereo speakers / .5 w Input jack (3.5 mm) / Outpu	orizontal F vith moder via DSP ( ar with Mw att / slide v t jack (3.5 r	Resolution (HHR) dem, fax, audio, telephov.34 to 33.6 Kbps) / Myave DSP /olume control / inte mm) / Joystick/MIDI po	ony function lwave 2.21 rnal microphone ort (includes cable)	ThinkPad 765D supported batteries:  - 760 NiMH Battery (black) 41H9720  - Li-Ion Battery Pack II (gray) 29H9329  - Travel Quick Charger 85G1522  - Car Battery Adapter 49G2167
Telephone Infrared ports	Telephone / answering ma Infrared ports (front and				ThinkPad 765 supported disks:
Security	Power-on password / Hard device keyhole (Kensingto DIMMS (requires Kensingt	l disk passv n™ cable l	word / Supervisor pas ock) / Security latch f	sword / Locking or keyboard and	- 720 MB HDD II EIDE 12.5 mm 29H9383 - 810 MB HDD II EIDE 12.5 mm 29H9313 - 1.08 GB HDD II EIDE 12.5 mm 29H9319 - 1.2 GB (1.96"+ models) 17 mm 29H9325
Warranty Service Options	3 year - ThinkPad EasySe On-site, M-F, 8-5, next bus				- 1.4 GB HDD 3L EIDE
Enhanced Video Car	- Second I	HDD Adapter version Card (for Dock	29H9333 I/II) 46H5994	- 5.1 GB (1.96"+ models) 17 mm 00K7902	
for video capture (ca from a TV or VCR), and digitize still phoi - Composite out and (connect to video o or record on VCR th - Mini game port for	ut port; NTSC or PAL); e screen of ThinkPad. MIDI or joystick	- Selectal - Selectal - Selectal - Port Rep - Port Rep - Selectal - 2.88 MB - FDD Ext	Dock I Dock II Dock III Dock III Dicator I (w/ PCMCIA slidicator II Dock Base Model I diskette drive ernal Attachment Kit	3547001 3547002 3547003 ots) 66G3510 66G3520 39H7405 66G0108 66G3618	FEATURES OF 765 MODELS  Quick Setup Guide (single page) LCD indicator panel Plug and Play 1.0a Discharge battery via mouse click Non-disruptive battery exchange Standby, suspend, safe suspend, and hibernation modes
Includes video in an (includes one video     Ilse software called		- 56 watt A	AC Adapter (4 pin; 3 pro ROM (UltraBay)	ng) 12J2456 <b>39H7413</b>	US EPA Energy Star compliant Personalized nameplate in indention

# 39H7413

Use software called Digital Video Producer™
Hardware acceleration of 'Video for Windows'™ formerly done by a separate ASCII chip (as in 755CD and 760CD) has now been integrated into the 9385 graphics controller; interpolation in X and Y axis; color space

Plays back MPEG motion videos, CD-I movies, video CD's, and Karaoke MPEG video titles

- 4 x CD-ROM (UltraBay) - 6 x CD-ROM (UltraBay) - 8 x CD-ROM (UltraBay) 85G1957 45H8786 -8-20 x CD-ROM (UltraBay) -8 MB SO DIMM 3.3v NP EDO 64 bit 00K7903 92G7340 - 16 MB SO DIMM 3.3v NP EDO 64 bit 92G7341 -16 MB SO DIMM NP EDO 64 bit (new) 01K1124 - 32 MB SO DIMM 3.3v NP EDO 64 bit - 64 MB SO DIMM 3.3v NP EDO 64 bit 92G7342 76H0268 - PCMCIA 33.6 Kbps modem XJACK - 56K PC Card Modem Kit 55H6759

04K0052

US EPA Energy Star compliant Personalized nameplate in indention Personalization screen at startup International Warranty Service **IBM System Care Program** 24 hour / 7 day telephone, bulletin board, fax, electronic, and Internet (http://www.pc.ibm.com) support IBM and dealer warranty/service Online Housecall (remote diagnostics)

ThinkPad EasyServ™: customer calls 1-800-772-2227, courier service picks up ThinkPad at any location, IBM repairs and mails back (no shipping charges, most shipping is overnight, 3 business day average turnaround).

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IBM® ThinkPad®:						WINDOWS 95 PRELOAD16
Processor type/path Processor features L2 cache Diskette (removable) External FDD port CD-ROM (removble) DVD (removable)	No upgrade / proc 512KB / write-bac 3.5" 1.44MB / in e External diskette	cessor, L2 cach ck / direct mappencased enclos port (use std ca- ROM / 20X-8X IO Mode 4 for \ M drive / 8 x to	- Microsoft® Windows® 95 OSR2 (FAT16) - Online User's Guide - ThinkPad Configuration Program - Diskette Factory Utilities 1. Puma TranXit; 2. IBM AntiVirus 3. Asymetrix Digital Video Producer (1AU 4. RingZero Ring Central (1AU only) 5. Intelliquest Registration Mailer			
Type - model Processor Display (diagonal) Disk (removable) Preload (see side) DVD and Enh Vid Ad Modem Avail/withdrawn date	200/66MHz 13.3" XGA 13.2GB <sup>4</sup> / PIO4 W95 OSR2 d Optional Opt PC Card	9548-30U 233/66MHz 13.3" XGA 4GB / PIO4 W95 OSR2 Optional Opt PC Card optember 1998	<ul> <li>AP)</li> <li>Artisoft ConfigSafe</li> <li>IBM Internet Connection services with Netscape Navigator web browser</li> <li>Intel® LANDesk® Client Manager</li> <li>Intel Video Phone (receive) (1AU only)</li> <li>ThinkPad PointCast</li> <li>NetMeeting™ 2.0</li> <li>Ergonomics; 14.ThinkPad on the NET</li> </ul>			
Memory - std / max Memory - upgrade	<b>32MB</b> / 256MB <sup>3</sup> 2 sockets availabl Sockets accessed by	le for two JEDE	EC 144 pin EDO	or SDRAM SO-D		15. NetFinity for Windows 95 - Recovery CD-ROM with boot diskette - Windows 95 CD-ROM (no installation) - Internet Explorer 4.0 CD-ROM
Display - size (colors Display - techology					36 siml colors	WINDOWS NT 4.0 PRELOAD
Graphics - controller Graphics - arch Graphics - features Graphics - external		19397 / 64-bit S D, DirectDraw, I elerator / inter	VGA accelerato DirectVideo, Acti polation in X and	r / <b>2MB SGRAM</b> / aveMovie support / I Y axis / color spa	ZV interface ace conversion	Windows NT® Workstation (FAT16)     Advanced NT extensions:     Power management     UltraBay Plug and Play
Disk (removable) Disk controller	Left side / removal Enhanced IDE / bu internal disks (16.2	usmaster / PCI	2.1 / 430TX Sou	ıth Bridge / PİİX4 /	supports two	- 3D graphics (OpenGL)
Keyboard / Fn keys Keyboard slope Pointing device	Full size alp/num / Flat keyboard (doe TrackPoint® / Pre center click button	es not lift up) / r ess-to-Select / F	ear legs pop up Release-to-Seled	(5.5 degrees slope ct / dragging / click	pace/	Video capture     Online User's Guide     ThinkPad Configuration Program     IBM AntiVirus     BM Internet Connection services with
Dimensions Weight <sup>2</sup>	1AU: 12.3 x 10 x 2 Others: 12.3 x 9.5					Netscape Navigator web browser
Battery - type Battery - life (1 batt) Charge time - on / of	Lithium Ion / intellig 1AU: 3.5 hrs (7 hr	gent / left side rs with second	The right bay (UltraBay™ II) has LED on release latch to provide status; it supports			
Architecture  Port replicator Docking Station PC Card Std slots USB / serial / paralle Other features	ISA (audio, moder PCI 2.1 / 32-bit / 3 Intel 430TX PCIs SelectaBase 770 SelectaDock III / 2 Type I, 2 Type I One USB / one 9 p APM-aware BIOS	33Mhz (EIDE, g set / TI PCI125 I / PC Card Ena SelectaDock I II, or 1 Type bin serial; 1655	© optional 2nd battery; © optional ThinkPad Proven™ VST Zip™ 100 drive; Easy-Setup is entered by holding F1 when turning on.			
Video in/out MPEG decoder Data/fax modem	1AU or option: Vic 1AU or option: MF 1AU: 33.6Kbps (5 integrated N	deo in/out (com PEG-2 / IBM MF 56Kbps upgrad Mwave® 3780i [	ThinkPad 770 supported disks: - 3.2GB 13ms read/14ms write 17 mm PIO Mode 4 or DMA Mode 2			
Audio support  Jacks Infrared ports	16-bit / CS4237B / Int stereo speaker Input jack (3.5 mm Infrared ports (fror	rs (front) <b>/ 1 wa</b> t n) / Output jack (	- 4.0GB 13ms read/14ms write 12.5 mm PIO Mode 4 or Ultra DMA/33 - 5.1 and 8.1GB 12ms read/13ms write			
Security	Power-on passwo personalization / p					ole / 17 mm PIO Mode 4 or Ultra DMA/33 - All 760 supported disks (requires opt adaptr)
Limited warranty <sup>11</sup> Service options <sup>15</sup>	3 year - ThinkPad On-site, M-F, 8-5,					FEATURES OF 770 MODELS Wired for Management 1.1a
DVD and Enhanced Video Adapter provides (standard in 1AU; optional all others):  - MPEG-1, MPEG-2 HHR, and full MPEG-2 hardware decoder (audio decoded via software) - DVD movie playback (MPEG-2 decoding; decryption and audio decodeding via software) - Video in (composite and SVHS) (NTSC or PAL) for video capture (capture and digitize video from a TV or VCR), still image capture (capture and digitize still photo images), and overlay - Video out (composite and SVHS) to TV (connect to video out port; NTSC or PAL); or record on VCR the screen of ThinkPad - Dolby® Digital AC-3® (outputs undecoded Dolby Digital signal from AC-3 connector; CSA8404A); requires external AC3 decoder/amplifier - Three ports - ® video in, @ video out, @ AC-3						DMI 1.1 compliant DMI instrumentation (thermal monitoring) Wake-on-LAN via SelectaDock III C: is 1.99 GB, D: is up to 1.99 GB, etc. Quick Setup Guide (single page) LCD indicator panel Plug and Play 1.0a Discharge battery via mouse click Non-disruptive battery exchange Standby, suspend, safe suspend, and hibernation modes ENERGY STAR compliant International Warranty Service¹⁴ IBM SystemXtra™ 24 hour / 7 day telephone, bulletin
or record on VCR - Dolby® Digital At Digital signal from requires external	the screen of Think C-3° (outputs under a AC-3 connector; C AC3 decoder/ampli video in, ② video ou	kPad coded Dolby CSA8404A); ifier	<ul> <li>DVD and Er</li> <li>16MB SO D</li> <li>32MB SO D</li> <li>64MB SO D</li> <li>56K PC Car</li> </ul>	nh Video Adapter IMM 3.3v NP SDRA IMM 3.3v NP SDRA	11J89 AM 76H02 AM 76H02 AM 76H02 04K00	157 International Warranty Service <sup>14</sup> 1293 IBM SystemXtra™ 1294 24 hour / 7 day telephone, bulletin board, fax, electronic, and Internet

## ThinkPad Power Series 820 - withdrawn

IBM® ThinkPad®;	> 820 PowerPC - TFT color - CD-ROM						nkPad Power Series 820 strengths:		
Processor type	PowerPC - 1F1 color - C		owerPC performance						
Processor type L2 cache	256 KB / write through /			transfers		D A	IX or NT preloaded (or no operating sys)		
Processor / L2 upgrade Removable diskette		•					emovable, double speed, 5.25" CD-ROM tandard or optional Video Card		
Normovable diskelle	Can use diskette and CD	D-ROM simu	Itaneously as			~ 3	(acceleration, composite video in/out)		
Removable CD-ROM	with an external cas 5.25" CD-ROM O / doub			/ X	SI-2 / hootah	 le	Operating System preloads:		
	The middle bay supports		① IBM AIX Version 4 for Clients 4.1.3						
Type - model	6040-xxx (listed below)	I I A	- Ultimedia Services Ver 2.1.2						
Available date Disk controller	July 1995 or later (listed SCSI-2 Fast (for disk, CI	below) D-ROM) / ext	- Insignia SoftWindows Ver 1.1 - Speech Dictation						
Removable disk - size	Choice: <b>540 MB</b> 14 ms	<u> </u>	- Personal Conferencing for AIX (some mod						
Display - type Display - techology	Choice: Color 640 x 480 Black Matrix TFT - activ				ous colors		Essentials! (catalogs and support)     Power, Performance, Potential		
	10.4 inch / 100 to 1 conti						multimedia presentation		
Graphics - controller	WD90C24A Rev C with					1_\	<ul> <li>CD-ROMs included: Program Pack, AIX backup, Pers Conferencing for AIX(some)</li> </ul>		
Graphics - vendor Graph - arch/data path	Western Digital / Externa PCI 2.0 / 32 bit / Simulta	aneous LCD	024 X 768 W/ and CRT / 18	256 coloi 30 degree	rs (up to 75 i tilt	HZ)	- Black 3 button mouse		
Video function '	Some: Video accelerat	ion / compo	site in/out (	called G10	) Graphics w		<ul><li> Microsoft Windows NT 3.51 Workstation</li><li> Essentials! (catalogs and support)</li></ul>		
Memory - std / max	Motion Video Ad 16 or 32 MB / 48 MB 7	. ,				KOIVI	- Power, Performance, Potential presenta		
Mem - sockets	Standard: 1 or 2 SO DIM	1Ms; availabl			ckets (16 ME		Compuserve WinCIM Power Series Ed     Introducing ThinkPad Power Series 820		
Mem-options available Keyboard / # of keys	8, 16 MB JEDEC 72 pin Full size alp/num / 84 (no		acy Satura ic	ontorod b		(s) std)	- CD-ROMs included: Program Pack, NT		
Keyboard slope	Palm rest space	prikey) L	ower on	enteredib	y flolding if i	WIICII	backup  No preloaded operating system		
Mouse/pointing Ext keyboard support	TrackPoint III™ Yes (with option cable)						- CD-ROMs included: Program Pack,		
Dimensions	11.7 x 8.3 x 2.2" (213 cu	bic inches)		ALL 000	MODELO		Pers Conferencing for AIX (some mod)  BM OS/2 Warp Connect (when available)		
Color	Black	,		ALL 820 I	wodels <i>yboard</i> to a	2202	Solaris (when available)		
Weight (with battery) Battery - type	7.5 pounds (with CD-RO Nickel hydride (NiMH) / i	,			M, diskette		G10 Graphics with Motion Video Adapter		
Battery - life	2 to 5 hours	incingerit	disk, batte	ry, and m	emory		(some models) provides:		
Charge time - on / off	2.0 hrs / 1.5 hrs	/ E volt / CC	CI motion ::	idoo)			Acceleration of motion video with scaling (no interpolation) of image. Video		
Architecture	PCI 2.0 / 32 bit / 33 MHz ISA (audio, PCMCIA, di				rnal expans	ion)	may be scaled up to full screen		
Docking Station	VL-Bus 2.0 / 32 bit (gra None				•	•	without frame rate degradation - Composite in (from camcorder,		
Port replicator	None						TV, VCR) for video capture (capture and		
PCMCIA™ 2.1 slots Serial / parallel ports	2 Type I or 2 Type II or One 9 pin; 16550A / Enh		lel Port (EPP	and IEEE	1284)		digitize video), still image capture (capture and digitize still photo images),		
Other features .	Universal AC adapter, 50					Э	and overlay (view video on LCD without capturing it to disk). Uses NTSC or PAL		
Data/fax modem Audio support	None (use PCMCIA)  CD quality audio (44.1)	kHz 16 hit s	stereo) / Crys	tal Samio	onductor™ (	25/231			
/taalo support	Internal stereo speakers	(.5 watt eac	h) / dial volur	ne control			VCR) in NTSC.		
Audio in/out jacks	Internal microphone / IBI Input jack / output jack	M Personal N	/licrophone (e	earphone	and headse	:)	- Includes a cable with in/out RCA jacks to connect to the "integrated video		
Infrared ports	None						connector" on back of unit		
Security	Power-on password / Su security loop (locking lev				e kovholo		Options for ThinkPad Power Series 820:		
	(Kensington™ MicroSav						- Disks: 540 MB SCSI-2 30H1388 810 MB SCSI-2 30H1392		
Preinstalled software	Choice: none or select a		operating sys	tem (liste	d on side)		1.2 GB SCSI-2 30H1467		
Warranty Warranty options	3 year - ThinkPad EasyS ThinkPad EasyServ Ove		ir Option				- AC Adapter 50 watts 30H1403 - 820 Travel Quick Charger 30H1373		
	-						- 820 NiMH Battery Pack 30H1369		
Type-Model Part	Mem Disk	LCD G	raphics	Op Sys	<u>Price</u>	<u>Avail</u>	- IBM Personal Microphone 12H1504 - 8 MB SO DIMM parity 92G7255		
≈ 6040-OCD30H155		00x600 G1				Aug 95	- 16 MB SO DIMM parity 92G7257		
		00x600 G1 00x600 G1		AIX NT	8,799 8,299	Aug 95 Aug 95			
≈6040-06D 30H147		00x600 G1	10	None		Jul 95	FEATURES OF 820 MODELS Battery life and other indicators		
≈6040-07D 30H147	78 32 MB 810 MB 80	00x600 G1	10	AIX	8,399	Jul 95	Non-disruptive battery exchange		
≈6040-08D 30H148	30 32 MB 810 MB 80	00x600 G1	10	NT	7,849	Jul 95	Suspend mode US EPA Energy Star compliant		
≈6040-966 30H148 ≈6040-986 30H148			10 w/ Motion 10 w/ Motion	None NT		Jul 95 Jul 95	Personalized nameplate in molded		
≈6040-977 30H148			10 w/ Motion	AIX		Jul 95	indention Compatible with PowerPC Reference		
≈6040-006 30H148		10x480 G1		None		Jul 95	Platform™ Specifications (PReP) v1.1		
≈6040-026 30H148 ≈6040-017 30H149		10x480 G1 10x480 G1		NT AIX	5,999 × 7,649 ×	Jul 95 Jul 95	3 year warranty International Warranty Service		
			-	*	.,	55	24 hour / 7 day telephone, bulletin board, fax, and electronic support		
							IBM warranty/service		
							30 day money back guarantee		

## ThinkPad Power Series 850 - withdrawn

IBM® ThinkPad®:	≈ <b>850</b> PowerPC - TFT color - CD-ROM - Video	Card	ThinkPad Power Series 850 strengths:
Processor type L2 cache Processor /L2 upgrade Removable diskette	<b>Power PC 603e</b> / 100/66 MHz / 32 KB L 256 KB / write back / direct mapped / 64	<ul> <li>PowerPC performance</li> <li>Collaborative and conversational computing</li> <li>Removable, double speed, 5.25" CD-ROM</li> <li>Video card (acceleration, composite video)</li> <li>Optional top mounted video camera</li> </ul>	
Removable CD-ROM	<b>5.25" CD-ROM O</b> / double speed / mult The middle bay supports either the stand		
Type - model Available date Disk controller Removable disk - size	6042-xxx (listed below) July 1995 or later (listed below) SCSI-2 Fast (for disk, CD-ROM) / exterr Choice: 540 MB 14 ms	Ultimedia Services Ver 2.1.2     Insignia SoftWindows Ver 1.1     Speech Dictation     Personal Conferencing for AIX on CD	
Display - type Display - techology Display - diagonal size	Choice: Color 640 x 480 or Color 800 x Black Matrix TFT - active matrix / up to 10.4 inch / 100 to 1 contrast ratio for 640	65,536 simultanéous colors	Essentials! (catalogs and support)     Power, Performance, Potential     multimedia presentation
Graphics - controller Graphics - vendor Graph - arch/data path Video function Video camera	WD90C24A Rev C with 1 MB DRAM (c Western Digital / External SVGA to 102- PCI 2.0 / 32 bit / Simultaneous LCD and Video acceleration / composite in/out Option: CCD camera on top of LCD / NT	4 x 768 w/ 256 colors (up to 75 Hz d CRT / 180 degree tilt (called G10 Graphics with Motion )	- Black 3 button mouse Video)    Microsoft Windows NT 3.51 Workstation
Memory - std / max Mem - sockets Mem-options available	16 or 32 MB / 80 to 96 MB 70 ns / pari Standard: 2 SO DIMMs in 2 SO DIMM s 4, 8, 16, 32 MB IC DRAMs / must be ins	ockets; available: 2 IC DRAM so	- Introducing ThinkPad Power Series 850
Keyboard / # of keys Keyboard slope Mouse/pointing Ext keyboard support	Full size alp/num / 84 (no Fn key) Yes (legs pop out) / palm rest space TrackPoint III™ Yes (with option cable)	Easy-Setup is entered by holding when power on	- CD-ROMs included: Program Pack, NT backup  3 No preloaded operating system - CD-ROMs included: Program Pack, Personal Conferencing for AIX
Dimensions Color	11.7 x 10.2 x 2.4" (286 cubic inches)	ALL 850 MODELS	
Weight (with battery)	7.96 pounds (with CD-ROM)	Liftable (pop-up) keyboard access and remove CD-R	
Battery - type Battery - life Charge time - on / off	Nickel hydride (NiMH) / Intelligent 2 to 5 hours 2 hrs / 1.5 hrs	(a) G10 Graphics with Motion Video provides:  - Acceleration of motion video with scaling (no interpolation) of image. Video may be scaled up to full screen	
Docking Station Port replicator PCMCIA™ 2.1 slots Serial / parallel ports Other features	PCI 2.0 / 32 bit / 33 MHz / 5 volt (SCSI, ISA (audio, PCMCIA, diskette, serial, p VL-Bus 2.0 / 32 bit (graphics via PCI-to None None 2 Type I or 2 Type II or 1 Type III One 9 pin; 16550A / Enhanced Parallel Universal AC adapter, 50 watts, not wall	TV, VCR) for video capture (capture and digitize video), still image capture (capture and digitize still photo images), and overlay (view video on LCD without capturing it to disk). Uses NTSC or PAL	
Data/fax modem Audio support  Audio in/out jacks Infrared ports	None (use PCMCIA) / voice-over-data u CD quality audio (44.1 kHz, 16 bit, ster Internal stereo speakers (1 watt each) / Internal microphone / IBM Personal Micr Input jack / output jack / line in / line out None	the screen to VCR - ThinkPad 850 includes in/out RCA jacks on the back of the system	
Security	Power-on password / Supervisor passw security loop (locking lever) / Keyboard (Kensington™ MicroSaver™ cable lock)	ock / Locking device keyhole	Options for ThinkPad Power Series 850:  - Disks: 540 MB SCSI-2 30H1388 810 MB SCSI-2 30H1392 1.2 GB SCSI-2 30H1467
Preinstalled software Warranty Warranty options	Choice: none or select a supported ope 3 year - ThinkPad EasyServ ThinkPad EasyServ Overnight Repair O	rating system (listed below)	- AC Adapter 50 watts 30H1403 - Video Camera (NTSC) 85G2715 - 850 NiMH Battery Pack 85G2671
Type-Model Part	Mem Disk LCD Grap	ohics Op Sys Price Av	- 850 Quick Charger 85G2662 <u>rail</u> - IBM Personal Microphone 12H1504
×6042-9CD 29H817 ×6042-9DD 29H817 ×6042-9ED 29H817	0 32 MB 1.2 GB 800x600 G10 w 1 32 MB 1.2 GB 800x600 G10 w	/Motion None \$ 8,999 Aug /Motion AIX 9,849 Aug	95 95 - 4 MB IC DRAM 70ns 5v parity 92G7238 9 95 - 8 MB IC DRAM 70ns 5v parity 92G7234 - 16 MB IC DRAM 70ns 5v parity 92G7234 - 32 MB IC DRAM 70ns 5v parity 92G7235
≈6042-96D 29H819 ≈6042-97D 29H819 ≈6042-98D 29H819	7 32 MB 810 MB 800x600 G10 w	95 95 95 Battery life and other indicators Non-disruptive battery exchange	
≈6042-967 29H817 ≈6042-977 29H817 ≈6042-987 29H817	6 32 MB 810 MB 640x480 G10 w 8 32 MB 810 MB 640x480 G10 w	/ Motion         None         8,149         Jul           / Motion         AIX         8,999         Jul           / Motion         NT         8,449         Jul	Suspend mode US EPA Energy Star compliant Personalized nameplate in molded indention Compatible with PowerPC Reference Platform™ Specifications (PReP) v1.1
≈6042-906 29H818 ≈6042-926 29H818 Compatible in 820 an		/ Motion None 6,669 Jul / Motion NT 6,999 Jul ster	3 year warranty International Warranty Service 24 hour / 7 day telephone, bulletin board, fax, and electronic support IBM warranty/service
	·	wise piete up ThinkDad at All	30 day money back guarantee

- MHz only measures microprocessor internal clock speed (or bus speed where indicated), not application performance. Other factors also affect application performance.
- <sup>2</sup> Includes battery (and travel cover on ThinkPad 600) and excludes external diskette drive if applicable; actual weight may vary due to vendor components, manufacturing process and options.
- <sup>3</sup> Current available memory options allow memory expansion up to 160MB using two 64MB SDRAM SO DIMMs in the two available slots for memory expansion. Memory expansion beyond 160MB will depend on the availability of memory options larger than 64MB built to IBM ThinkPad 600-770 specifications and such availability cannot be assured. EDO memory is not supported in ThinkPad 770E/ED models.
- GB means billion bytes when referring to hard drive capacity. Accessible capacity varies.
- Variable read rate. Actual playback speed will vary and is often less than the maximum possible.
- <sup>6</sup> DVD drive required for ThinkPad 770 models (standard in some models). For Dolby Digital output, the 'DVD and Enhanced Video Adapter' (11J8957) must be installed (standard in some models) and the ThinkPad notebook connected to appropriate receiver and external speakers.
- Actual speeds depend on many factors are often less than the maximum possible.
- Upgrade on 9549-1AU (770) and -5AU (770ED) and 770X via Internet software download at no additional charge (Internet access fees excepted). Software upgrade via the Internet to the V.90 56K ITU standard beginning in 4Q98. Subject to change without notice. x2 modems are designed to be capable of receiving data at up to 56Kbps from an x2-compatible service provider, and transmitting data at up to 31.2Kbps. Public networks currently limit maximum download speeds to about 53Kbps. Actual speeds depend on many factors and are often less than the maximum possible.
- <sup>9</sup> Software upgrade via the Internet to the V.90 56K ITU standard beginning 4Q98. Subject to change without notice.
- Results obtained using BAPCo (Business Applications Performance Corporation) SYSmark Benchmark Test. Battery life (and recharge times) will vary based on many factors including screen brightness, applications, features, power management, battery conditioning and other customer preferences.

- <sup>11</sup> For terms and conditions or a copy of IBM's statement of Limited Warranty, call 1 800 772-2227 in the U.S. and in Canada, call 1 800 426-2255.
- <sup>12</sup> Not warranted by IBM.
- <sup>13</sup> If you qualify and subject to condition.
- <sup>14</sup> Available in those countries where IBM and IBM resellers sell and service ThinkPad products. Registration required. Service level is based on the standard service for ThinkPad notebooks in that particular country.
- Service options available based on specific ThinkPad notebook purchased; details available via fax by calling 1 800 426-3395 and requesting document #11017 or call your IBM authorized reseller for additional information
- Applications may vary from retail version and may not include all documentation or functions. Not all applications available separately. Titles subject to change without notice.
- <sup>17</sup> SelectaDock III requires SelectaBase 600
- <sup>18</sup> SelectaDock III requires SelectaBase 770
- <sup>19</sup> DVD drive supports standard CD-ROM and data-only DVD discs on 600 models. DVD movie playback requires an optional third-party DVD PC Card adapter on 600 models. DVD movie playback not supported with Windows NT.
- <sup>20</sup> Lotus SmartSuite may be preinstalled or provided on CD-ROM depending on the model. Documentation and hard copy available at no extra charge.
- <sup>21</sup> The IBM ThinkPad 770X is designed to recognize up to 320MB of addressable memory with the new Mobile Pentium II processor at 300MHz. 64MB or 128MB of new, fast SDRAM SO DIMM system memory (RAM) is standard, depending on model. Current available memory options allow memory expansion up to 320MB using two 128MB SDRAM SO DIMMs in the two user accessible slots for memory expansion. On models with the 13.7-inch display, one of these slots is currently occupied with a 64MB SDRAM that provides the standard 128MB of system memory. This 64MB SDRAM would have to be removed and replaced with a 128MB SDRAM to achieve the 320MB maximum.

- <sup>22</sup> 56K modems are designed to be capable of receiving data at up to 56Kbps from a compatible service provider, and transmitting data at up to 31.2Kbps. Public networks currently limit maximum download speeds to about 53Kbps. Actual speeds depend on many factors and are often less than the maximum possible.
- <sup>23</sup> x2 modems are designed to be capable of receiving data at up to 56Kbps from an x2compatible service provider, and transmitting data at up to 31.2Kbps. Public networks currently limit maximum download speeds to about 53Kbps. Actual speeds depend on many factors and are often less than the maximum possible.
- <sup>24</sup> Designed to be capable of receiving at up to 56kbps with x2 or V.90 compatible phone line and server equipment, and transmitting at up to 31.2kbps. Public networks currently limit download speeds to about 53kbps. Actual speeds vary and are often less than the maximum. Complies with V.90 ITU 56K specifications dated 2/98.
- <sup>25</sup> For ThinkPad 600 or 600E, to achieve 288MB memory configuration on models 2645-45U/-55U/-85U, you need to replace one 32MB SDRAM SO DIMM in the memory slot with 128MB SDRAM SO DIMM and add a second 128MB SDRAM SO DIMM.
- When using multi-monitor with Windows 98, available graphics memory may limit resolution and/or color. Individual application support for this feature will vary.
- <sup>27</sup> Software-supported MPEG-2 playback is supported on ThinkPad 770X models with Windows 98. Software-supported MPEG-2 playback and support for video capture on Windows NT models requires the optional 'DVD and Enhanced Video Adapter'.
- <sup>28</sup> For ThinkPad 770, IBM Wake on LAN support available via the optional SelectaBase 770 and PC Card Enabler with Advanced EtherJet Feature or SelectaDock III and a Wake on LAN network interface card. For ThinkPad 600, IBM Wake on LAN support available via the optional SelectaBase 600 and PC Card Enabler with Advanced EtherJet Feature or SelectaDock III and a Wake on LAN network interface card. For the ThinkPad 380Z, 560Z, and 390, IBM Wake on LAN support available via the optional ThinkPad Port Replicator with Advanced EtherJet Feature.
- <sup>29</sup> S.M.A.R.T. is defined as Self-Monitoring, Analysis and Reporting Technology.
- <sup>30</sup> Response time varies. May exclude some holidays.

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