

IBM ThinkPad 765D - withdrawn

IBM® ThinkPad®: 765D		WINDOWS 95 PRELOAD	
13.3" XGA TFT - 8 x CD-ROM - Enhanced Video - MPEG		- Microsoft Windows 95 OSR2 (FAT16)	
Processor type	Pentium® MMX 166/66 MHz (P55CLM) / 64 bit to L2 cache / 64 bit to memory	- Online User's Guide	
Processor upgrade	None	- ThinkPad Features Program	
L2 cache	256 KB / write-back / direct mapped / 10 ns / synchronous pipelined burst	- Diskette Factory Utilities	
Removable diskette	3.5" 1.44 MB ○ / use in UltraBay or attach externally via rear ext FDD port	1. Lotus Organizer	
External FDD port	External FDD port (includes Floppy Disk Drive Enclosure)	2. CompuServ for Windows	
Removable CD-ROM	5.25" CD-ROM ○ / 8 x speed / multi-session / XA / play with eject button EIDE / PIO Mode 3 (ATAPI) / in UltraBay which supports several devices	3. Puma TranXit™	
Type - model (code)	9546-U9H	4. NetFinity for Windows 95	
Preload (see side)	Windows 95 OSR2	5. Triton CoSession™ Host	
Remv disk - size / ms	3.0 GB / 12 ms ○ / DMA Mode 2 or PIO Mode 4 / SMART	6. SofNet FaxWorks™ Voice	
Disk controller	Enhanced IDE / busmaster / PCI 2.1 / supports two internal disks for 10.2 GB	7. Asymetrix® Digital Video Producer	
Avail / withdrawn date	June 1997 / July 1997 (C: is 1.99 GB, D: is 885 MB)	8. IntelliLink Connect	
Display - size and type	13.3 inch XGA color / 640 x 480, 800 x 600 or 1024 x 768 / 65,536 siml colors	9. IBM AntiVirus	
Display - technology	Black Matrix TFT - active matrix / 100 to 1 contrast ratio	10. IBM Internet Connection Services with Netscape Navigator web browser	
Graphics - controller	Trident™ CYBER9385 / 64 bit SVGA accelerator / 2 MB EDO DRAM / 70 ns	11. Registration Mailer	
Graph - arch/data path	PCI 2.1 / 32 bit / DCI, DirectDraw, EnDIVE support	12. ThinkPad on the NET	
Graphics - features	Simultaneous LCD and CRT / 180 degree tilt	13. America Online	
Graphics - external	External SVGA to 1280 x 1024 w/ 256 colors or 1024 x 768 w/ 65,536 colors	- MPEG Sampler CD-ROM	
Memory - std / max	32 MB / 104 MB 70 ns / non-parity / 3.3v / EDO	- Lotus SmartSuite 96 CD-ROM	
Memory - upgrade	1 socket avail for one JEDEC 144 pin EDO SO-DIMM of 8, 16, 32, 64 MB	- Recovery CD-ROM with boot diskette	
Mem - implementation	8 MB in system; 8 MB on memory module; 16 MB DIMM in 1 socket; 1 socket avail Memory module under disk (not removable) and accessible by opening the keyboard	- Windows 95 CD-ROM (no installation)	
Keyboard / # of keys	Full size alp/num / 85 (8 Fn key functions)	Integrated Mwave DSP provides:	
Keyboard slope	Automated tilt up keyboard (5.5 degrees)	① Data modem function	
Pointing / palm rest	TrackPoint III™ / integrated palm rest	- V.22bis, V.32, V.32bis, v.34 (28.8 Kbps)	
Ext keyboard support	Yes (with option cable)	② Fax modem function	
Dimensions / weight	11.7 x 9.3 x 2.23" (243 cubic inches) / 7.7 pounds (3.49 kg) with CD-ROM	- G3 fax send/receive (14.4 Kbps)	
Battery - type	Lithium Ion / intelligent	③ Audio function	
Battery - life (1 batt)	2.0 hours (4 hrs with 2 batt)	- Stereo waveform record and playback	
Charge time - on / off	2 to 3 hrs / 1.5 to 2.5 hrs	- Qsound support (3-D effect)	
Architecture	ISA (audio, diskette, serial, parallel, infrared, ext expansion) PCI 2.1 / 32 bit / 33 Mhz (EIDE, graphics, CardBus, MPEG, ext expansion) Intel Mobile Triton 82430MX PCIsset / TI PCI1130 for CardBus Port Replicator I and II / SelectaDock Base Model I	- 32 voice MIDI wave table synthesizer	
Port replicator	SelectaDock I and II and III	- SoundBlaster support / text to speech	
Docking Station	2 Type I or 2 Type II or 1 Type III / CardBus 32 bit PCI / PCMCIA 2.1 compatible	- MPEG audio decode	
PC Card Standard slots	One 9 pin; 16550A / one (IEEE P1284-A, EPP, ECP, bidirectional)	④ Telephone function	
Serial / parallel ports	APM-aware BIOS / AC Adapter 4 pin 3 prong (56 watts) / Selectable boot	- Full telephone (can use opt headset)	
Other features		- Telephone answering machine	
Video in/out	Composite and S-Video in/out / game port	- Full duplex speakerphone	
MPEG decoder	MPEG-1 & MPEG-2 Half Horizontal Resolution (HHR) decoder (MPEGCD1)	⑤ Digital Simultaneous Voice Data	
DSP function	Mwave MDSP2780 DSP with modem, fax, audio, telephony function	Easy-Setup is entered by holding F1 when turning on.	
Data/fax modem	Data/fax modem function via DSP (v.34 to 33.6 Kbps) / Mwave 2.21	ThinkPad 765D supported batteries:	
Audio support	16 bit audio chip on planar with Mwave DSP	- 760 NiMH Battery (black) 41H9720	
Jacks	Int stereo speakers / .5 watt / slide volume control / internal microphone	- Li-Ion Battery Pack II (gray) 29H9329	
Telephone	Input jack (3.5 mm) / Output jack (3.5 mm) / Joystick/MIDI port (includes cable)	- Travel Quick Charger 85G1522	
Infrared ports	Telephone / answering machine / full duplex speakerphone / DSVD	- Car Battery Adapter 49G2167	
Security	Infrared ports (front and back) / IrDA 1.0 compatible / up to 115 kbs	ThinkPad 765 supported disks:	
Warranty	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	- 720 MB HDD II EIDE 12.5mm 29H9383	
Service Options	3 year - ThinkPad EasyServ (depot repair service) or carry-in On-site, M-F, 8-5, next bus day (71 cities) / Warranty extension to 5 years	- 810 MB HDD II EIDE 12.5mm 29H9313	
Enhanced Video Card in 765D provides:		- 1.08 GB HDD II EIDE 12.5mm 29H9319	
- Composite in and S-Video in (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.		- 1.2 GB (1.96"+ models) 17 mm 29H9325	
- Composite out and S-Video out to TV (connect to video out port; NTSC or PAL); or record on VCR the screen of ThinkPad.		- 1.4 GB HDD 3L EIDE 12.5mm 69H8412	
- Mini game port for MIDI or joystick		- 2.1 GB (1.96"+ models) 17 mm 69H8414	
- Includes video in and video out ports (includes one video in/out cable)		- 3.0 GB (1.96"+ models) 17 mm 45H8789	
- Use software called Digital Video Producer™		- 5.1 GB (1.96"+ models) 17 mm 00K7902	
- 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 conversion		FEATURES OF 765 MODELS	
- Plays back MPEG motion videos, CD-I movies, video CD's, and Karaoke MPEG video titles		Quick Setup Guide (single page)	
- Second HDD Adapter 29H9333		LCD indicator panel	
- IDE Conversion Card (for Dock I/II) 46H5994		Plug and Play 1.0a	
- SelectaDock I 3547001		Discharge battery via mouse click	
- SelectaDock II 3547002		Non-disruptive battery exchange	
- SelectaDock III 3547003		Standby, suspend, safe suspend, and hibernation modes	
- Port Replicator I (w/ PCMCIA slots) 66G3510		US EPA Energy Star compliant	
- Port Replicator II 66G3520		Personalized nameplate in indentation	
- SelectaDock Base Model I 39H7405		Personalization screen at startup	
- 2.88 MB diskette drive 66G0108		International Warranty Service	
- FDD External Attachment Kit 66G3618		IBM System Care Program	
- 56 watt AC Adapter (4 pin; 3 prong) 12J2456		24 hour / 7 day telephone, bulletin board, fax, electronic, and Internet	
- 4 x CD-ROM (UltraBay) 39H7413		(http://www.pc.ibm.com) support	
- 6 x CD-ROM (UltraBay) 85G1957		IBM and dealer warranty/service	
- 8 x CD-ROM (UltraBay) 45H8786		Online Housecall (remote diagnostics)	
- 8-20 x CD-ROM (UltraBay) 00K7903			
- 8 MB SO DIMM 3.3v NP EDO 64 bit 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 92G7342			
- 64 MB SO DIMM 3.3v NP EDO 64 bit 76H0268			
- PCMCIA 33.6 Kbps modem XJACK 55H6759			
- 56K PC Card Modem Kit 04K0052			

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

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(765D) Compiled by Roger Dodson, IBM. June 1998