

IBM ThinkPad 385D (Retail models) - withdrawn

IBM® ThinkPad®:		➤ 385D																																												
		12.1" SVGA DSTN or TFT / 8 x CD-ROM																																												
Processor type	Pentium® 150/60 MHz or 150/60 MHz with MMX™ technology/ 64 bit transfer to L2 cache / 64 bit transfer to memory																																													
Processor upgrade	None																																													
L2 cache	256 KB / write-through / direct mapped / 8 ns / synchronous pipelined burst																																													
Diskette drive	Internal 3.5" 1.44 MB / use simultaneously with CD-ROM / on right side																																													
External FDD port	None since diskette internal																																													
CD-ROM	5.25" CD-ROM / 8 x speed / multi-session / XA / ATAPI / not bootable / not removable / on right side																																													
Type - model	2635-2EU	2635-3EU	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																																											
Preload (see side)	Windows 95 OSR2	Windows 95 OSR2																																												
Avail / withdrawn date	May 1997 / January 1998	May 1997 / January 1998																																												
Pentium speed	150/60 Mhz	150/60 MHz with MMX technology																																												
Disk - size / ms	1.35 GB / 13 ms / PIO Mode 4	2.1 GB / 13 ms / PIO Mode 4																																												
Disk controller	EIDE / PCI 2.1 / supports one internal disk / no DMA or busmaster support / not removeable / upgrade only by IBM or dealer																																													
Display - size and type	12.1 inch DSTN color		12.1 inch TFT color																																											
Display - technology	SVGA / 640 x 480 or 800 x 600 Dual scan 65,536 sim colors / 30 to 1 contrast																																													
Graphics - controller	NeoMagic™ MagicGraph128ZV™ (NM2093) / 128 bit SVGA accelerator / Zoomed Video support / DDC1 and DDC2B 1.125 MB / iDRAM™ (embedded) / color space conversion and interpolation in X and Y axis / support for DCI, DirectDraw PCI 2.1 / 32 bit / external SVGA to 1024 x 768 with 256 colors																																													
Graph - arch/data path	Simultaneous LCD and CRT / 150 degree tilt																																													
Graphics - features	Simultaneous LCD and CRT / 150 degree tilt																																													
Memory - std / max	16 MB / 80 MB / non-parity / 3.3 volt / EDO																																													
Memory - features	1 socket for one JEDEC 144 pin EDO SO DIMM of 8, 16, 32, or 64 MB / socket accessed from bottom via screw																																													
Keyboard / # of keys	Full size alp/num / 85 (6 Fn key functions) / keyboard slope with Port Replicator																																													
External keyboard	External keyboard support with option cable 06G8619 or Port Replicator																																													
Pointing / palm rest	TrackPoint III™ / no drag lock keys																																													
Dimensions	11.8 x 9.2 x 2.4" (260 cubic inches)																																													
Weight	7.1 pounds (3.2 kg)	6.9 pounds (3.1 kg)	WINDOWS 95 PRELOAD <ul style="list-style-type: none">- Microsoft Windows 95 OSR2 (FAT16)- Lotus SmartSuite- WordPro Word Processor- 1-2-3 Spreadsheet- Freelance Graphics- Approach Database- Organizer Scheduler- IBM Global Network (IGN)- NetScape Navigator Browser- AOL, AT&T WorldNet, CompuServe- Media Player- Active Movie (MPEG-1, AVI)- Video for Windows- CD Audio Player- MIDI Sequencer- Quicken SE- 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- TranXit- Online User's Guide- SystemSoft Card Works- Password Protected Marketing Demo- CD-ROMs included in the Shipping Carton- Preload Recovery CD w/boot diskette- Windows 95 CD (no installation)- Picture Perfect Golf																																											
Battery - type / life	NiMH / non-intelligent / 2.0 hrs																																													
Charge time - on / off	3.5 to 9 hrs / 2.5 to 3.5 hrs																																													
Architecture	PCI 2.1 / 32 bit / 33 Mhz (EIDE, graphics, PCMCIA, Port Replicator) ISA (audio, diskette, serial, parallel, infrared) Intel® Mobile Triton 82430 PCIsset / Intel 82371MX PIIX / NS PC87338																																													
Docking Station	None																																													
Port replicator	① ThinkPad Enhanced Port Replicator, ② ThinkPad 560 Port Replicator ③ ThinkPad 380/385 Port Replicator																																													
PCMCIA™ slots	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)																																													
Serial / parallel ports	One 9 pin; 16550A / one (IEEE P1284-A, EPP, ECP, bidirectional)																																													
Other features	APM-aware BIOS / Universal AC adapter; barrel (35 watts) / Selectable boot																																													
Video in/out	None																																													
MPEG decoder	None																																													
Data/fax modem	None																																													
Audio support	16 bit audio chip / 20 voice MIDI FM Synthesis / Crystal Semiconductor™ CS4236 One internal speaker / .5 watt / dial volume control / internal mic / full duplex																																													
Audio in/out jacks	Input/microphone jack (stereo) / output jack (stereo) / no joystick port																																													
Infrared ports	Infrared port on left side / IrDA 1.1 compatible / up to 4 Mbps																																													
Security	Power-on password / Hard disk password / security keyhole																																													
Preinstalled software	Microsoft Windows 95 OSR2 with applications (listed on right)																																													
Warranty	1 year - ThinkPad EasyServ (optional Overnight Repair Option) or carry-in																																													
The ThinkPad Enhanced Port Replicator provide cable management, additional I/O ports, and CardBus PC Card slots. Features include: <ul style="list-style-type: none">- Dual IBM lock slots to secure the ThinkPad 385D, PC Cards, and Port Replicator Port Replicator connectors: <ul style="list-style-type: none">- USB- Serial (9 pin); parallel (EPP, ECP, 25 pin)- External display (15 pin)- Keyboard- Mouse- Audio in (3.5 mm)- 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: <ul style="list-style-type: none">- 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)- Texas Instruments PCI1131 controller- Requires no PCI-to-PCI bridge		Options for ThinkPad 385D: <table><tr><td>- 8 MB SO DIMM 3.3v NP EDO 64 bit</td><td>92G7340</td></tr><tr><td>- 16 MB SO DIMM 3.3v NP EDO 64 bit</td><td>92G7341</td></tr><tr><td>- 32 MB SO DIMM 3.3v NP EDO 64 bit</td><td>92G7342</td></tr><tr><td>- 64 MB SO DIMM 3.3v NP EDO 64 bit</td><td>76H0268</td></tr><tr><td>- ThinkPad 560 Port Replicator</td><td>46H4209</td></tr><tr><td>- ThinkPad 380/385 Port Replicator</td><td>84G1316</td></tr><tr><td>- ThinkPad Enhanced Port Replicator</td><td>11J8997</td></tr><tr><td>- Li-Ion Battery Pack</td><td>73H9793</td></tr><tr><td>- 35 watt AC Adapter (slim, barrel)</td><td>76H0139</td></tr><tr><td>- 8 x CD-ROM</td><td>73H9795</td></tr><tr><td>- 2.1 GB HDD 13 ms</td><td>73H9797</td></tr><tr><td>- 3.2 GB Disk 13 ms</td><td>02K0487</td></tr><tr><td>- 5.1 GB Disk 12 ms</td><td>02K0506</td></tr><tr><td>- 33.6 Kbps Modem with XJACK</td><td>55H6759</td></tr><tr><td>- 56K PC Card Modem Kit</td><td>04K0052</td></tr></table> Easy-Setup is entered by holding F1 when turning on. <table><tr><td>Fn + F2</td><td>= Battery guage</td></tr><tr><td>Fn + F3</td><td>= Standby</td></tr><tr><td>Fn + F4</td><td>= Suspend</td></tr><tr><td>Fn + F7</td><td>= LCD/CRT/Simultaneous</td></tr><tr><td>Fn + F11</td><td>= Power mgmt</td></tr><tr><td>Fn + F12</td><td>= Hibernation</td></tr></table>		- 8 MB SO DIMM 3.3v NP EDO 64 bit	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	- ThinkPad 560 Port Replicator	46H4209	- ThinkPad 380/385 Port Replicator	84G1316	- ThinkPad Enhanced Port Replicator	11J8997	- Li-Ion Battery Pack	73H9793	- 35 watt AC Adapter (slim, barrel)	76H0139	- 8 x CD-ROM	73H9795	- 2.1 GB HDD 13 ms	73H9797	- 3.2 GB Disk 13 ms	02K0487	- 5.1 GB Disk 12 ms	02K0506	- 33.6 Kbps Modem with XJACK	55H6759	- 56K PC Card Modem Kit	04K0052	Fn + F2	= Battery guage	Fn + F3	= Standby	Fn + F4	= Suspend	Fn + F7	= LCD/CRT/Simultaneous	Fn + F11	= Power mgmt	Fn + F12	= Hibernation	
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		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 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.

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 (385D) Compiled by Roger Dodson, IBM. December 1997