

IBM ThinkPad 385D (Retail models) - withdrawn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 Windows 95 OSR2	2635-3EU Windows 95 OSR2	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Avail / withdrawn date	May 1997 / January 1998	May 1997 / January 1998	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	SVGA / 640 x 480 or 800 x 600 Black Matrix TFT - active matrix 65,536 simultaneous colors / 100 to 1 contrast ratio	
Graphics - controller	NeoMagic™ MagicGraph128ZV™ (NM2093) / 128 bit SVGA accelerator / Zoomed Video support / DDC1 and DDC2B		
Graph - arch/data path	1.125 MB / iDRAM™ (embedded) / color space conversion and interpolation in X and Y axis / support for DCI, DirectDraw		
Graphics - features	PCI 2.1 / 32 bit / external SVGA to 1024 x 768 with 256 colors 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)	
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 PCiset / 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 wth 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: - Dual IBM lock slots to secure the ThinkPad 385D, PC Cards, and Port Replicator Port Replicator connectors: - 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: - 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: - 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 Easy-Setup is entered by holding F1 when turning on. Fn + F2 = Battery gauge Fn + F3 = Standby Fn + F4 = Suspend Fn + F7 = LCD/CRT/Simultaneous Fn + F11 = Power mgmt Fn + F12 = Hibernation	
WINDOWS 95 PRELOAD - 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			
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