IBM ThinkPad 385ED (Retail models) - withdrawn

IBM® ThinkPad®:	**385ED** 12.1" SVGA Fast Response STN or Active Matrix / 20x max variable 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 bootable / not removable / on right side	**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**
Type - model (code) UPC code Preload (see side) Avail / withdrawn date Disk - size / ms Disk controller	**2635-5EU** **087944350163** **Windows 95 OSR2** September 1997 / July 1997 **2.1 GB** / 13 ms / PIO Mode 4 EIDE / PCI 2.1 / supports one internal disk / no DMA or busmaster support / not removeable / upgrade only by IBM or dealer	**2635-6EU** **087944343660** **Windows 95 OSR2** September 1997 / July 1997 **3.0 GB** / 13 ms / PIO Mode 4
Display - size and type Display - techology	**12.1 inch Fast Response color** **SVGA** / 640 x 480 or 800 x 600 **Dual scan** / FRSTN / 150 ms / 70 nits 65,536 sim colors / 35 to 1 contrast	**12.1 inch Active color** **SVGA** / 640 x 480 or 800 x 600 **Active Matrix TFT** / 75 ms / 100 nits 65,536 simultaneous colors / 100 to 1 contrast ratio ratio
Graphics - controller Graph - arch/data path Graphics - features	**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 Simultaneous LCD and CRT / 150 degree tilt	
Memory - std / max Memory - features	**16 MB** / 80 MB / non-parity / 3.3 volt / EDO 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 External keyboard Pointing / palm rest	Full size alp/num / 85 (6 Fn key functions) / keyboard slope with Port Replicator External keyboard support with option cable 06G8619 or Port Replicator TrackPoint III™ / no drag lock keys	
Dimensions Weight	11.8 x 9.2 x 2.4" (260 cubic inches) 7.1 pounds (3.2 kg)	
Battery - type / life Charge time - on / off	Li-Ion / non-intelligent / 2.0 hrs 4.2 to 12 hrs / 3.3 hrs	Li-Ion / non-intelligent / 2.5 hrs
Architecture Docking Station Port replicator PCMCIA™ slots Serial / parallel ports Other features	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 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 or 56 watts)	
Video in/out MPEG decoder Data/fax modem Audio support Audio in/out jacks Infrared ports	None None (software support for MPEG-1 in Windows 95) None **16 bit audio chip /** 20 voice MIDI FM Synthesis / CS4236B One internal speaker / .5 watt / dial volume control / int mic/ full duplex spk/mic Input/microphone jack (stereo) / output jack (stereo) / no joystick port **Infrared port on left side / IrDA 1.1 compatible / up to 4 Mbps**	
Security	Power-on password / Hard disk password / security keyhole / personalization	
Preinstalled software Warranty	Microsoft Windows 95 OSR2 wth applications (listed on right) **1 year** - ThinkPad EasyServ (optional depot repair service) 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 385, 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

- 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**
- ThinkPad 560 Port Replicator	46H4209
- ThinkPad 380/385 Port Replicator	84G1316
- ThinkPad Enhanced Port Replicator	11J8997
- ThinkPad 380/385 Li-Ion Battery (old)	73H9793
- ThinkPad 380/385 Li-Ion Battery	02K6507
- 35 watt AC Adapter (barrel, slim)	76H0139
- 56 watt AC Adapter (barrel; 3 prong)	83H6739
- 2.1 GB Disk 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

WINDOWS 95 PRELOAD

- Microsoft Windows 95 OSR2 (FAT16)
- Lotus SmartSuite 97
  - WordPro Word Processor
  - 1-2-3 Spreadsheet
  - Freelance Graphics
  - Approach Database
  - Organizer Scheduler
  - ScreenCam
- Ergonomics
- Diskette factory and utilities
- ThinkPad customization icon
- IntelliQuest Registration Mailer
- Voyetra Audio Station
- 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
- TranXit™
- Online User's Guide
- SystemSoft Card Works
- PointCast
- 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 385 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)

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