IBM ThinkPad 380 - withdrawn

IBM® ThinkPad®:	✂ **380** 12.1" SVGA DSTN
Processor type Processor upgrade L2 cache Diskette drive External FDD port CD-ROM	**Pentium® 150/60 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 None standard / 8 x CD-ROM internal option available (not customer install)
Type - model (code) Preload (see side) Avail / withdrawn date Pentium speed Disk - size / ms Disk controller	**2635-10U** **Windows 95 OSR2** May 1997 / January 1998 **150/60 MHz** **1.08 GB** / 13 ms / PIO Mode 4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
Display - size and type Display - techology	**12.1 inch DSTN color** **SVGA** / 640 x 480 or 800 x 600 **Dual scan** 65,536 simultaneous colors / 30 to 1 contrast
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) 6.6 pounds (2.96 kg)
Battery - type / life Charge time - on / off	NiMH / non-intelligent / 2.2 hrs 3.5 to 10 hrs / 2.8 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 / Univers AC adapter, barrel (35 watts) / Selectable boot
Video in/out Data/fax modem Audio support Audio in/out jacks Infrared ports	None None **16 bit audio chip /** 20 voice MIDI FM Synthesis / Crystal Semiconductor™ CS4236 One internal speaker / .5 watt / dial volume control / internal mic / full duplex 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
Preinstalled software Warranty Service options	Microsoft Windows 95 OSR2 wth applications (listed on right) **1 year** - ThinkPad EasyServ (optional Overnight Repair Option) or carry-in On-site, M-F, 8-5, next bus day (71 cities) / warranty extension to 3 or 5 years

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

WINDOWS 95 PRELOAD

- Microsoft Windows 95 OSR2 (FAT16)
- Online User's Guide
- ThinkPad Features Program
- SystemSoft CardWorks™
- Diskette Factory and Utilities
1. Triton CoSession™ Host
2. NetFinity for Windows 95
3. Puma TranXit™
4. IntelliLink Connect
5. IBM Anti-Virus
6. IGN/Netscape Navigator browser
7. Media Player
8. IntelliQuest Registration Mailer
9. CompuServe WinCIM
10. Lotus Organizer
11. Ergonomics
12. Marketing Demo
- Lotus SmartSuite CD-ROM
- Recovery CD-ROM with boot diskette
- Windows 95 CD-ROM (no installation)

Fn + F2	= Battery guage
Fn + F3	= Standby
Fn + F4	= Suspend
Fn + F7	= LCD/CRT/Simultaneous
Fn + F11	= Power mgmt
Fn + F12	= Hibernation

Easy-Setup is entered by holding F1 when turning on.

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
3.2 GB	= Ultra DMA/33 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)

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 380, 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 380:

- 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

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.