

# IBM ThinkPad 380 - withdrawn

<b>IBM® ThinkPad®:</b>	<b>× 380</b> 12.1" SVGA DSTN	
Processor type	<b>Pentium® 150/60 MHz</b> / 64 bit transfer to L2 cache / 64 bit transfer to memory	
Processor upgrade	None	
L2 cache	<b>256 KB</b> / 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	None standard / 8 x CD-ROM internal option available (not customer install)	
Type - model (code)	<b>2635-10U</b>	<b>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</b>
Preload (see side)	<b>Windows 95 OSR2</b>	
Avail / withdrawn date	May 1997 / January 1998	
Pentium speed	<b>150/60 MHz</b>	
Disk - size / ms	<b>1.08 GB</b> / 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	<b>12.1 inch DSTN color</b>	
Display - technology	<b>SVGA</b> / 640 x 480 or 800 x 600 <b>Dual scan</b> 65,536 simultaneous colors / 30 to 1 contrast	
Graphics - controller	<b>NeoMagic™ MagicGraph128ZV™</b> (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	
Graph - arch/data path	PCI 2.1 / 32 bit / external SVGA to 1024 x 768 with 256 colors	
Graphics - features	Simultaneous LCD and CRT / 150 degree tilt	
Memory - std / max	<b>16 MB</b> / 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	<p align="center"><b>WINDOWS 95 PRELOAD</b></p> <ul style="list-style-type: none"> <li>- Microsoft Windows 95 OSR2 (FAT16)</li> <li>- Online User's Guide</li> <li>- ThinkPad Features Program</li> <li>- SystemSoft CardWorks™</li> <li>- Diskette Factory and Utilities</li> <li>1. Triton CoSession™ Host</li> <li>2. NetFinity for Windows 95</li> <li>3. Puma TranXit™</li> <li>4. IntelliLink Connect</li> <li>5. IBM Anti-Virus</li> <li>6. IGN/Netscape Navigator browser</li> <li>7. Media Player</li> <li>8. IntelliQuest Registration Mailer</li> <li>9. CompuServe WinCIM</li> <li>10. Lotus Organizer</li> <li>11. Ergonomics</li> <li>12. Marketing Demo</li> <li>- Lotus SmartSuite CD-ROM</li> <li>- Recovery CD-ROM with boot diskette</li> <li>- Windows 95 CD-ROM (no installation)</li> </ul> <p>Fn + F2 = Battery guage Fn + F3 = Standby Fn + F4 = Suspend Fn + F7 = LCD/CRT/Simultaneous Fn + F11 = Power mgmt Fn + F12 = Hibernation</p> <p>Easy-Setup is entered by holding F1 when turning on.</p> <p>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</p> <p align="center"><b>FEATURES OF 380 MODELS</b></p> <p>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 <b>International Warranty Service</b> <b>IBM SystemXtra Program</b> <b>24 hour / 7 day telephone, bulletin board, fax, electronic, and Internet</b> <b>(http://www.pc.ibm.com) support</b> <b>IBM and dealer warranty/service</b> <b>Online Housecall (remote diagnostics)</b></p>
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	6.6 pounds (2.96 kg)	
Battery - type / life	NiMH / non-intelligent / 2.2 hrs	
Charge time - on / off	3.5 to 10 hrs / 2.8 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 / <b>Zoomed Video support in lower slot</b> / 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 / Univers AC adapter, barrel (35 watts) / Selectable boot	
Video in/out	None	
Data/fax modem	None	
Audio support	<b>16 bit audio chip</b> / 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 <b>Infrared port on left side / IrDA 1.1 compatible / up to 4 Mbps</b>	
Audio in/out jacks		
Infrared ports		
Security	Power-on password / Hard disk password / security keyhole	
Preinstalled software	Microsoft Windows 95 OSR2 wth applications (listed on right)	
Warranty	<b>1 year</b> - ThinkPad EasyServ (optional Overnight Repair Option) or carry-in	
Service options	On-site, M-F, 8-5, next bus day (71 cities) / warranty extension to 3 or 5 years	
<b>The ThinkPad Enhanced Port Replicator</b>	Options for ThinkPad 380:	
provide cable management, additional I/O ports, and CardBus PC Card slots. Features include:	<b>- 8 MB SO DIMM 3.3v NP EDO 64 bit</b> <b>92G7340</b>	
- Dual IBM lock slots to secure the ThinkPad 380, PC Cards, and Port Replicator	<b>- 16 MB SO DIMM 3.3v NP EDO 64 bit</b> <b>92G7341</b>	
Port Replicator connectors:	<b>- 32 MB SO DIMM 3.3v NP EDO 64 bit</b> <b>92G7342</b>	
- USB	<b>- 64 MB SO DIMM 3.3v NP EDO 64 bit</b> <b>76H0268</b>	
- Serial (9 pin); parallel (EPP, ECP, 25 pin)	- ThinkPad 560 Port Replicator    46H4209	
- External display (15 pin)	- ThinkPad 380/385 Port Replicator    84G1316	
- Keyboard	- ThinkPad Enhanced Port Replicator    11J8997	
- Mouse	- Li-Ion Battery Pack    73H9793	
- Audio in (3.5 mm)	- 35 watt AC Adapter (slim, barrel)    76H0139	
- Audio out (3.5 mm)	- 8 x CD-ROM    73H9795	
- Joystick/MIDI port (15 pin) - not on system	- 2.1 GB HDD 13 ms    73H9797	
- External diskette drive connt - not on system	- 3.2 GB Disk 13 ms    02K0487	
- Power connector (requires AC power; can not run on battery)	- 5.1 GB Disk 12 ms    02K0506	
Features of the PC Card slots:	- 33.6 Kbps Modem with XJACK    55H6759	
- Two Type III slots (side by side)	- 56K PC Card Modem Kit    04K0052	
- 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		

**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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