

# IBM ThinkPad 560 - withdrawn

<b>IBM® ThinkPad®:</b>		<b>≧ 560</b>		<b>≧ 560</b>		<b>ThinkPad 560 key features:</b>	
		11.3" Dual Scan SVGA color		12.1" TFT SVGA color		⦿ <b>Next generation <u>ultraportable</u> notebook</b> ⦿ <b>Slim: 1.2 inches</b> ⦿ <b>Lightweight: 4.1 pounds</b> ⦿ <b>Full size keyboard</b> ⦿ <b>Pentium 100/66 to 133/66 MHz</b> ⦿ <b>11.3" Dual Scan SVGA or 12.1" TFT SVGA</b> ⦿ <b>PCI bus</b> ⦿ <b>8 MB EDO memory</b>	
Processor type		<b>Pentium® 100/66, 120/60, 133/66 MHz</b> / 64 bit to transfers to memory					
Processor upgrade		None					
L2 cache		None					
Diskette drive		External 3.5" 1.44 MB (connects to left side) / includes case with a cable					
External FDD port		External FDD port (works with standard external diskette; no kit reqd)					
CD-ROM drive		None (CD-ROM drive as OEM option via PCMCIA or parallel port)					
Price		Pallet of 24		Pallet of 24		Pallet of 24	
Type - model		2640-50A	2640-50C	2640-E0A	2640-E0C	2640-F0E	2640-F0D
Preload (see side)		Windows 95	Blank	Windows 95	Blank	Windows 95	OS/2 Warp Connect
Avail / withdrawn date		May 96 / June 97 and Apr 97		May 1996 / January 1997		Jul 96 / Apr 97	July 1996 / January 1997
Pentium speed		<b>100/66 MHz</b>		<b>120/60 MHz</b>		<b>133/66 MHz</b>	
Disk - size / ms		<b>810 MB</b> / 13 ms		<b>810 MB</b> / 13 ms		<b>1.08 GB</b> / 13 ms	
Disk controller		EIDE / busmaster / PCI 2.1 / supports one internal disk					
Display - size and type		<b>11.3" Dual Scan SVGA color   12.1" TFT SVGA color</b>					
Display - technology		11.3" SVGA color / 640 x 480 or 800 x 600 256 simultaneous colors / Dual Scan / 30 to 1 contrast ratio				12.1" SVGA color / 640 x 480 or 800 x 600 / 65,536 sim colors Black Matrix TFT - active matrix / 100 to 1 contrast ratio	
Graphics - controller		Trident™ CYBER9382 / 64 bit SVGA accelerator / 1 MB fast page DRAM / 70 ns					
Graph - arch/data path		PCI 2.1 / 32 bit / 32 bit path to memory / <b>DCI, DirectDraw, EndIVE support</b>					
Graphics - features		Simultaneous LCD and CRT / 135 degree tilt					
Graphics - external		External SVGA to 1024 x 768 w/ 256 colors					
Memory - std / max		<b>8 MB</b> / 40 MB (72 MB with ThinkPad Proven option)					
Memory - features		70 ns / non-parity / 3.3 volt / EDO					
Memory - upgrade		1 socket for one JEDEC 144 pin EDO SO DIMM of 8, 16, or 32 MB					
Keyboard / # of keys		<b>Full size</b> alp/num / 85 (6 Fn key functions)					
Keyboard slope		<b>Large palm rest</b> / keyboard remains flat (no sloop) / opt P Replicator adds slope					
Pointing device		TrackPoint III™ / no drag lock keys					
Palm rest		Integrated palm rest / external keyboard support (with optional cable 54G0441)					
Dimensions		11.7 x 8.7 x 1.22" (124 cubic inches)					
Weight		4.12 pounds (1.87 kg)		4.10 pounds (1.86 kg)			
Battery - type		Lithium Ion / intelligent					
Battery - life (1 batt)		3 hours					
Charge time - on / off		2.5 to 3.5 hrs / 1.5 hrs					
Architecture		ISA (audio, diskette, serial, parallel, infrared) PCI 2.1 / 32 bit / 33 Mhz (EIDE, graphics, PCMCIA) / Mobile Triton 82430MX					
Docking Station		None					
Port replicator		ThinkPad 560 Port Replicator					
PCMCIA™ 2.1 slots		2 Type I or 2 Type II or 1 Type III					
Serial / parallel ports		One 9 pin; 16550A / one (IEEE P1284-A, EPP, ECP, bidirectional)					
Other features		Universal AC Adapter 2 prong (35 watts) with barrel connector / APM-aware BIOS / Selectable boot IBM BIOS					
Video in/out		None					
MPEG decoder		None					
DSP function		None					
Data/fax modem		None					
Audio support		<b>16 bit audio chip / 18 voice MIDI FM synthesis / ESS1688</b> Int stereo speakers / .5 watt / rotary volume control / internal microphone					
Jacks		Input jack (3.5 mm) / Output jack (3.5 mm) / not full duplex speaker/mic					
Telephone		None					
Infrared ports		<b>Infrared port (left side) / IrDA 1.0 compatible / up to 115 Kbps</b>					
Security		Power-on password / Locking device keyhole on back (Kensington™ cable lock) / Personalization screen at startup					
Preinstalled software		Windows 95 with applications (listed on right)					
Warranty		<b>1 year</b> - ThinkPad EasyServ (optional Overnight Repair Option) or carry-in					
Easy-Setup is entered by holding F1 when turning on.		Compatible in ThinkPad 560 family:					
810 MB = DMA Mode 2 or PIO Mode 4		- Disks: (365/760 IDE disks not supported)					
1.08 GB = DMA Mode 2 or PIO Mode 4		- 1.08 GB HDD II EIDE 13 ms 46H4208					
		- 2.1 GB HDD 14 ms 45H8783					
		- ThinkPad 560 Port Replicator 46H4209					
		- ThinkPad 560 Li-Ion Battery Pack 46H4206					
		- 35 watt AC Adapter - barrel/3 prong 85G6719					
		- 35 watt AC Adapter (slim, 2 pin) 76H0139					
		- 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					
		Disk is not removable (like 755/760 systems), but it can be upgraded via a dealer or service center (not customer installable).					
		System does not have non-disruptive battery exchange. Battery can be changed while system is off, in hibernation, or under AC power.					
<b>Hardware acceleration</b> of 'Video for Windows™' is integrated into the 9382 graphics controller; interpolation in X and Y axis; color space conversion when DCI enabled							
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# IBM ThinkPad 560 (1997 models) - withdrawn

IBM® ThinkPad®:		× 560		× 660		ThinkPad 560 key features:	
		11.3" Dual Scan SVGA color		12.1" TFT SVGA color		◇ Next generation <b>ultraportable notebook</b>	
Processor type		Pentium® 133/66 MHz / 64 bit to transfers to memory				◇ Slim: 1.2 inches	
Processor upgrade		None				◇ Lightweight: 4.1 pounds	
L2 cache		None				◇ Full size keyboard	
Diskette drive		External 3.5" 1.44 MB (connects to left side) / includes case with a cable				◇ Pentium 133/66 MHz	
External FDD port		External FDD port (works with standard external diskette; no kit reqd)				◇ 11.3" Dual Scan SVGA or 12.1" TFT SVGA	
CD-ROM drive		None (CD-ROM drive as OEM option via PCMCIA or parallel port)				◇ PCI bus	
Code name		Kinzie 3				◇ 8 MB EDO memory	
Price							
Type - model		2640-10U		2640-20U			
Preload (see side)		Windows 95 OSR2					
Avail / withdrawn date		February 1997 / January 1998					
Disk - size / ms		2.1 GB / 14 ms / DMA Mode 2 or PIO Mode 4					
Disk controller		EIDE / busmaster / PCI 2.1 / supports one internal disk					
Display - size and type		11.3" Dual Scan SVGA color   12.1" TFT SVGA color					
Display - technology		11.3" SVGA color / 640 x 480 or 800 x 600 256 simultaneous colors / Dual Scan / 30 to 1 contrast ratio		12.1" SVGA color / 640 x 480 or 800 x 600 / 65,536 sim colors Black Matrix TFT - active matrix / 100 to 1 contrast ratio			
Graphics - controller		Trident™ CYBER9382 / 64 bit SVGA accelerator / 1 MB fast page DRAM / 70 ns				<b>WINDOWS 95 PRELOAD</b>  - Microsoft Windows 95 OSR2 - Online User's Guide - ThinkPad Features Program - PC Card Director 4.0 - Diskette Factory 1. Triton CoSession™ Host 2. Compuerv for Windows 3. NetFinity for Windows 95 4. Puma TranXit™ 5. IntelliLink Connect 6. IBM Anti-Virus 7. IGN/Netscape web browser 8. Ergonomics 9. Lotus Organizer - Lotus SmartSuite 96 CD-ROM	
Graph - arch/data path		PCI 2.1 / 32 bit / 32 bit path to memory / DCI, DirectDraw, EnDIVE support					
Gaphics - features		Simultaneous LCD and CRT / 135 degree tilt					
Graphics - external		External SVGA to 1024 x 768 with 256 colors					
Memory - std / max		8 MB / 40 MB (72 MB w/ ThinkPad Proven option)					
Memory - features		70 ns / non-parity / 3.3 volt / EDO					
Memory - upgrade		1 socket for one JEDEC 144 pin EDO SO DIMM of 8, 16, or 32 MB					
Keyboard / # of keys		Full size alp/num / 85 keys (6 Fn key functions)					
Keyboard slope		Large palm rest / keyboard remains flat (no sloop) / opt P Replicator adds slope					
Pointing device		TrackPoint III™ / no drag lock keys					
Palm rest		Integrated palm rest / external keyboard support (with optional cable 54G0441)					
Dimensions		11.7 x 8.7 x 1.22" (124 cubic inches)					
Weight		4.12 pounds (1.87 kg)		4.10 pounds (1.86 kg)			
Battery - type		Lithium Ion / intelligent					
Battery - life (1 batt)		3 hours					
Charge time - on / off		2.5 to 3.5 hrs / 1.5 hrs					
Architecture		ISA (audio, diskette, serial, parallel, infrared) PCI 2.1 / 32 bit / 33 MHz (EIDE, graphics, PCMCIA) / Mobile Triton 82430MX					
Docking Station		None					
Port replicator		ThinkPad 560 Port Replicator					
PCMCIA™ 2.1 slots		2 Type I or 2 Type II or 1 Type III					
Serial / parallel ports		One 9 pin; 16550A / one (IEEE P1284-A, EPP, ECP, bidirectional)					
Other features		Universal AC Adapter 2 prong (35 watts) with barrel connector (slim) / APM-aware BIOS / Selectable boot IBM BIOS					
Video in/out		None					
MPEG decoder		None					
DSP function		None					
Data/fax modem		None					
Audio support		16 bit audio chip / 18 voice MIDI FM synthesis / ESS1688 Internal stereo speakers / .5 watt / rotary volume control / internal microphone Input jack (3.5 mm) / Output jack (3.5 mm)					
Jacks		None					
Telephone		None					
Infrared ports		Infrared port (left side) / IrDA 1.0 compatible / up to 115 Kbps					
Security		Power-on password / hard disk password / Locking device keyhole on back (Kensington™ cable lock) / Personalization screen at startup					
Preinstalled software		Windows 95 with applications (listed on right)					
Warranty		1 year - ThinkPad EasyServ (optional Overnight Repair Option) or carry-in					
Easy-Setup is entered by holding F1 when turning on.		OPTIONS				The optional <b>ThinkPad 560 Port Replicator</b> acts as a wedge which attaches to the back and bottom of the unit and provides a keyboard slope. Following are its connectors:  - Release button - Security keyhole (Kensington) - Mouse - Keyboard - External monitor - Parallel - Serial (9 pin) - External diskette drive - Power jack	
Fn + F2 = Battery guage		- Disks: (365/760 IDE disks not supported)					
Fn + F3 = Standby		1.08 GB HDD II EIDE 13 ms 46H4208					
Fn + F4 = Suspend		2.1 GB HDD 14 ms 45H8783					
Fn + F7 = LCD/CRT/Simultaneous		4.0 GB HDD 13 ms 02K0501					
Fn + F11 = Power mgmt		- ThinkPad 560 Port Replicator 46H4209					
Fn + F12 = Hibernation		- ThinkPad 560 Li-Ion Battery Pack 46H4206					
Hardware acceleration of 'Video for Windows™' is integrated into the 9382 graphics controller; interpolation in X and Y axis; color space conversion when DCI enabled		- 35 watt AC Adapter - barrel/3 prong 85G6719					
System does not have non-disruptive battery exchange. Battery can be changed while system is off, in hibernation, or under AC power.		- 35 watt AC Adapter (slim, 2 pin) 76H0139					
		- 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					
		- 8-20 x Portable CD-ROM 1969010					
		- 8-20 x Portable Stereo CD-ROM 1969011					
		- Other options from ThinkPad Proven partners					
		Disk is not removable (like 755/760 systems), but it can be upgraded via a dealer or service center (not customer installable).					
		FEATURES OF 560 MODELS					
		Quick Setup Guide					
		Plug and Play 1.0a					
		Standby, suspend, safe suspend, and hibernation modes					
		US EPA Energy Star compliant					
		Personalized nameplate indentation					
		Personalization screen at startup					
		International Warranty Service					
		IBM System Care 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)					

**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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