

IBM ThinkPad® 600 - withdrawn

IBM® ThinkPad®						The right bay (UltralSlimBay) has LED on release latch to provide status; supports warm swapping:	
Processor type/path	Intel® Pentium® MMX™ 233/66MHz ¹ or Pentium II 233/66 or 266/66MHz						<ul style="list-style-type: none">• std diskette and travel cover• std or optional CD-ROM• optional DVD drive¹⁹• opt LS-120 SuperDisk drive (cold swap)• optional Zip 100MB drive (cold swap)• optional HDD adapter (cold swap)• optional ThinkPad Proven™ solutions¹²
Processor features	No upgrade / processor, L2 cache, and mem cntr (North Bridge) on Mobile Module						
L2 cache	512KB / sync pipelined burst (66MHz for Pentium / ECC and half speed for Pent II)						
Diskette (removable)	3.5" 1.44MB / use in UltralSlimBay (CD-ROM models include external diskette enclosure)						
External FDD port	External diskette port on right side (can use simultaneously with internal CD-ROM)						
CD-ROM (removable)	Standard or option: 5.25" CD-ROM / 24X-10X ⁵ speed / bootable / warm swap						
DVD ¹⁹ (removable)	Option: 2X ⁵ DVD-ROM drive / removable UltralSlimBay option / warm swap						
SuperDisk (LS-120)	Option: Removable UltralSlimBay option / supports 1.44MB and 120MB diskette						
Type - model	≥ 2645-21U	≥ 2645-31U	≥ 2645-35U	≥ 2645-41U	≥ 2645-51U	≥ 2645-A1U	
Processor	Pent 233/66	Pent 233/66	PII 233/66MHz	PII 233/66MHz	PII 266/66MHz	PII 266/66MHz	
Display (diagonal)	13.0" HPA XGA	12.1 TFT SVGA	12.1 TFT SVGA	13.3" TFT XGA	13.3" TFT XGA	13.3" TFT XGA	
Disk (removable)	3.2GB ⁴ / PIO4	3.2GB / PIO4	3.2GB / PIO4	3.2GB / PIO4	4.0GB / PIO4	None (AAP)	
Preload (see side)	W95 OSR2.1	W95 OSR2.1	W95 OSR2.1	W95 OSR2.1	W95 OSR2.1	Blank (no disk)	All models:
CD-ROM	CD-ROM std	Optional	CD-ROM std	CD-ROM std	CD-ROM std	None (AAP)	- C: drive is FAT16 of 2GB
Modem	56Kbps	Opt PC Card	56Kbps	56Kbps	56Kbps	56Kbps	- D: drive is FAT32 of remaining space
Avail / withdr date	Apr 98/Dec 98	Apr 98/Dec 98	Aug 98/Mar 99	Apr 98/Aug 98	Apr 98/Mar 99	Apr 98/Aug 98	
Memory - std / max	32MB / 256MB ³ (TX max=256)			32MB std / 288MB maximum			WINDOWS 95 PRELOAD¹⁶ <ul style="list-style-type: none">- Microsoft® Windows® 95 OSR2.1- Internet Explorer 4.01- Online User's Guide- ThinkPad Configuration Program- ThinkPad Customization Center- Puma IntelliSync 97 (infrared)- IBM AntiVirus 3.02 (not installed)- ConfigSafe 1.05 (must install)- IBM Global Network Dialer 4.15.6 with Netscape Navigator web browser- Intel LANDesk® Client Manager 3.1 (not installed)- PointCast with ThinkPad channel- Ergonomics- Netfinity 5.1 for Windows 95 (not installed)- Tivoli Light Client Framework (not installed)- Lotus® SmartSuite 97²⁰- Ring Zero RingCentral 4.10- Intel Video Phone 2.0.1- IBM Update Connector- IBM Product Registration◇ Customization CD-ROM (apps/drivers)◇ Recovery CD-ROM with boot diskette
Memory - upgrade	SDRAM / non-parity / 66MHz / 3.3v / 2 sockets available for two JEDEC 144-pin SDRAM SO-DIMMs / sockets accessed by removing screw on bottom						
Display	(See below) SVGA or XGA color / TFT or HPA / 180 degree tilt						
Graphics - controller	NeoMagic™ MagicGraph128XD™ (NM2160B) / 128-bit SVGA accelerator						
Graphics - arch	2MB / iDRAM™ (embedded) / Zoomed Video support						
Graphics - features	Support for DirectX 5.0, DDC2B, color space conversion						
Graphics - external	External SVGA to 1024x768 with 65,536 colors (800x600 with 16.7 million colors)						
Disk	Left front / removable via coin screw or 2.5mm Allen wrench / SMART / upgradeable						
Disk controller	Enhanced IDE / busmaster / PCI 2.1 / South Bridge / PIIX4 DMA Mode 2, Ultra DMA/33, or PIO Mode 4 / supports 2nd disk in opt HDD adapter						
Keyboard / Fn keys	Full size alp/num keys / 9 Fn key functions / integrated palm rest						
Keyboard slope	Flat keyboard (does not lift up)						
Pointing device	TrackPoint® / Press-to-Select / Release-to-Select / dragging / click pace / center click button for scrolling or magnifying glass / suspension top / spare caps						
Dimensions ³⁶	Approximately 11.8 x 9.4 x 1.4" (155 cubic inches); 300mm x 240mm x 36.5mm						
Weight ²	4.72 lb (2.14 kg) to 5.62 lb (2.55 kg)						
Battery - type	Lithium Ion / intelligent / remove from base / locked with latch						
Battery - life ¹⁰	3.0 hrs / no non-disruptive battery exchange						
Charge time - on / off	2 to 3 hrs / 1.5 to 2.5 hrs						
Architecture	Intel 430TX, PIIX4 for Pentium systems / Intel 440BX, PIIX4 for Pent II systems PCI 2.1 / 32-bit / 33MHz (EIDE, graphics, CardBus, USB, ext expansion) TI PCI1250A for CardBus / LM75 digital thermometer / PC9733B Super I/O / ISA (audio, modem, diskette, serial, parallel, infrared, ext expansion)						
Port replicator	SelectaBase 600 / PC Card Enabler ¹⁷ / PC Card Enabler with Advanced EtherJet ¹⁷						
Docking Station	SelectaDock III / SelectaDock I and II						
PC Card Std slots	2 Type I, 2 Type II, or 1 Type III / CardBus 32-bit / PCMCIA 2.1 / Zoomed Video						
USB / serial / parallel	One USB / one 9 pin serial; 16550A / one (IEEE P1284-A, EPP, ECP, bidirectional)						
Other features	APM-aware BIOS / AC Adapter barrel, 3 prong (56 watts) / Selectable boot						
Video in/out	None						
MPEG decoder	None (software support for MPEG-1 in Windows 95)						
Data/fax modem	Some models: 56Kbps (x2, upgradeable to v.90 ⁹) / 14.4Kbps fax / voice-capable / integrated Mwave® 3780i DSP / international programmable DAA / modem cable						
Audio support	CS4237B / 16-bit / SRS 3D audio / FM synthesis Int stereo speakers (front) / .5 watt / Fn+PgUp and PgDn (volume) / int microphone						
Jacks	Input jack (3.5 mm) / Output jack (3.5 mm) / full duplex						
Infrared ports	Infrared port (on right) / IrDA 1.1 compatible / up to 4Mbps						
Security	Power-on password / hard disk password / supervisor password / security keyhole / personalization / phillips-head screw on base for memory / opt Allen screw for disk						
Limited warranty ¹¹	3 year - carry-in or ThinkPad EasyServ™ ³¹ Rapid Depot Repair (3 business day average turnaround)						
Service options ¹⁵	On-site ³² , M-F, 8-5, next bus day (72 cities) / serv up to 5 yrs from purchase date						
13.0" (330.2 mm) HPA XGA color		- 6.4GB disk, 13ms, Ultra DMA/33		02K0518		FEATURES PC 97 compliant DMI 2.0 compliant DMI instrumentation (thermal monitoring) ACPI 1.0 compliant Wired for Management 1.1a Wake on LAN™ support²⁸ C: is 1.99GB, D: is up to 1.99GB, etc. Setup Guide, User's Reference, Quick Reference and Service Information Card, Options by IBM Catalog, Windows 95 manual Plug and Play 1.0a Standby, suspend, safe suspend, and hibernation modes ENERGY STAR compliant International Warranty Service ¹⁴ IBM SystemXtra™³⁵ 24 hour / 7 day telephone ³⁰ , bulletin board, fax, electronic, and Internet (www.ibm.com/pc/us) support	
- High Performance Addressing (Dual Scan)		- 10GB disk, 12ms, Ultra DMA/33		36L9293			
- 640x480 (16 million), 800x600 (16 million), or 1024x768 (65,536 simultaneous colors)		- SelectaBase 600		12J2467			
- 150ms; 40 to 1 contrast ratio		- PC Card Enabler ¹⁷		83H6741			
- 70 nits (AC), 40 nits (battery)		- PC Card Enabler with EtherJet™ ¹⁷		05K4820			
12.1" (307.5 mm) TFT SVGA color		- SelectaDock I		3547001			
- Active Matrix TFT		- SelectaDock II		3547002			
- 640x480 (16 million) or 800x600 (16 million simultaneous colors)		- SelectaDock III ¹⁷		3547003			
- 75ms; 100 to 1 contrast ratio		- 56 watt AC Adapter (barrel; 3 prong)		83H6739			
- 110 nits (AC), 70 nits (battery)		- 24X-10X CD-ROM (UltralSlimBay; includes external diskette enclosure)		12J2471			
13.3" (337.8 mm) TFT XGA color		- 16MB SO DIMM 3.3v NP SDRAM		76H0293			
- Active Matrix TFT		- 32MB SO DIMM 3.3v NP SDRAM		76H0294			
- 640x480 (16 million), 800x600 (16 million), or 1024x768 (65,536 simultaneous colors)		- 64MB SO DIMM 3.3v NP SDRAM		76H0295			
- 75ms; 100 to 1 contrast ratio		- ThinkPad 600 Li-Ion Battery		12J2464			
- 150 nits (AC), 90 nits (battery)		- UltralSlimBay HDD adapter (for 2nd disk)		05K5336			
		- SuperDisk LS-120 (UltralSlimBay)		20L1929			
		- 2X DVD Drive (UltralSlimBay)		05K8890			
		- Zip 100MB UltralSlimBay Drive		37L1504			

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 Ⓒ = Announced August 18, 1998

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IBM® ThinkPad®		WINDOWS 98 PRELOAD ¹⁶	
Processortype/path	Intel® Mobile Pentium® II 300MHz ¹ / 66MHz system bus	<ul style="list-style-type: none"> - Microsoft® Windows® 98 • Online User's Guide • ThinkPad Utilities • ThinkPad Configuration Program • RingCentral • Ergonomics • IBM Product Registration • Puma IntelliSync 97 (infrared) • IBM Global Network Dialer • Netscape Navigator web browser • IBM Update Connector • Artisoft ConfigSafe • Norton AntiVirus ◇ Lotus® SmartSuite Millennium CD-ROM ◇ Customization Center CD-ROM ◇ Product Recovery CD-ROM (with boot diskette) 	
Processor features	No upgrade / processor, L2 cache, and mem cntr (North Bridge) on Mobile Module		
L2 cache	512KB / sync pipelined burst / ECC / 150MHz (half speed)		
Diskette (removable)	3.5" 1.44MB / use in UltralimBay / ships in external diskette enclosure with a cable		
External FDD port	External diskette port on right side (can use simultaneously with internal CD-ROM)		
CD-ROM (removable)	5.25" CD-ROM / 24X-10X ⁵ speed / bootable / warm swap		
DVD ¹⁹ (removable)	EIDE (ATAPI) / PIO Mode 4 for W95; DMA Mode 2 for NT / use in UltralimBay		
SuperDisk (LS-120)	Option: 2X ⁵ DVD-ROM drive / removable UltralimBay option / warm swap		
Type - model	2645-45U		
Preload (see side)	Windows 98		
Disk (removable)	5.1GB ⁴ / 12ms (read); 13ms (write) / upgradeable		
Avail / withdr date	September 1998 / June 1999		
Memory	64MB std / 288MB ²⁵ maximum / SDRAM / non-parity / 66MHz / 3.3v Two 144-pin sockets / 32MB on planar and 1 socket used by 32MB SO-DIMM / 1 socket available / sockets accessed by removing screw on bottom	WINDOWS NT PRELOAD¹⁶ <ul style="list-style-type: none"> - Windows NT® Workstation 4.0 • Online User's Guide • ThinkPad Utilities • ThinkPad Configuration Program • Puma IntelliSync 97 (infrared) • ConfigSafe • IBM Global Network Dialer • Netscape Navigator web browser • Norton AntiVirus (OEM Version) • Ergonomics • IBM Product Registration • SystemSoft CardWizard ◇ Lotus SmartSuite Millennium CD-ROM ◇ Customization CD-ROM (apps/drivers) ◇ Product Recovery CD-ROM (with boot diskette) 	
Display	13.3" (337.8mm) TFT color / Active Matrix / XGA / 75ms / 100 to 1 contrast ratio / 640x480 or 800x600 (16.7 million colors), 1024x768 (65,536 colors) / 150 nits (AC), 90 nits (battery) / 180 degree tilt		
Graphics - controller	NeoMagic™ MagicGraph128XD™ (NM2160B) / 128-bit SVGA accelerator		
Graphics - arch	2MB / iDRAM™ (embedded) / Zoomed Video support		
Graphics - features	Support for DirectX 5.0, DDC2B, color space conversion		
Graphics - external	External SVGA to 1024x768 with 65,536 colors (800x600 with 16.7 million colors)		
Disk	Left front / removable via coin screw or 2.5mm Allen wrench / SMART / upgradeable		
Disk controller	Enhanced IDE / busmaster / PCI 2.1 / South Bridge / PIIX4 DMA Mode 2, Ultra DMA/33, or PIO Mode 4 / supports 2nd disk inopt HDD adapter		
Keyboard / Fn keys	Full size alp/num keys / 9 Fn key functions / integrated palm rest		
Keyboard slope	Flat keyboard (does not lift up) / optional Port Replicator adds slope		
Pointing device	TrackPoint® / Press-to-Select / Release-to-Select / dragging / click pace / center click button for scrolling or magnifying glass / suspension top / spare caps		
Dimensions ³⁶	Approximately 11.8 x 9.4 x 1.4" (155 cubic inches); 300mm x 240mm x 36.5mm		
Weight ²	5.01 lbs (2.27 kg) with travel cover and battery only		
Battery - type	Lithium Ion / intelligent / remove from base / locked with latch		
Battery - life ¹⁰	3.0 hrs / no non-disruptive battery exchange		
Charge time - on / off	2 to 3 hrs / 1.5 to 2.5 hrs		
Architecture	Intel 440BX and PIIX4 (EIDE, ISA Bridge, USB) PCI 2.1 / 32-bit / 33MHz (EIDE, graphics, CardBus, USB, ext expansion) TI PCI1250A for CardBus / LM75 digital thermometer / PC97338 Super I/O / ISA (audio, modem, diskette, serial, parallel, infrared, ext expansion)	System does not have non-disruptive battery exchange. Battery can be changed while system is off, in hibernation, or under AC power. ThinkPad 600 supported disks: - 3.2GB 13ms read/14ms write 9.5 mm PIO Mode 4 or Ultra DMA/33 - 4.0GB 13ms read/14ms write 12.5 mm PIO Mode 4 or Ultra DMA/33 - 5.1GB 12ms read/13ms write 12.5 mm PIO Mode 4 or Ultra DMA/33 - 6.4GB 13ms read/14ms write 12.5 mm PIO Mode 4 or Ultra DMA/33	
Port replicator	SelectaBase 600 / PC Card Enabler ¹⁷ / PC Card Enabler with Advanced EtherJet ¹⁷		
Docking Station	SelectaDock III / SelectaDock I and II		
PC Card Std slots	2 Type I, 2 Type II, or 1 Type III / CardBus 32-bit / PCMCIA 2.1 / Zoomed Video		
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Other features	APM-aware BIOS / AC Adapter barrel, 3 prong (56 watts) / Selectable boot		
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MPEG decoder	None (software support for MPEG-1 in Windows 98)		
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Audio support	CS4237B / 16-bit / SRS 3D audio / FM synthesis Int stereo speakers (front) / .5 watt / Fn+PgUp and PgDn (volume) / int microphone Input jack (3.5 mm) / Output jack (3.5 mm) / full duplex		
Jacks	Infrared port (on right) / IrDA 1.1 compatible / up to 4Mbps		
Infrared ports			
Security	Power-on password / hard disk password / supervisor password / security keyhole / personalization / phillips-head screw on base for memory / opt Allen screw for disk		
Limited warranty ¹¹	3 year - carry-in or ThinkPad EasyServ™ ³¹ Rapid Depot Repair (3 business day average turnaround)	FEATURES Wired for Management 1.1a PC 97 compliant DMI 2.0 compliant DMI instrumentation (thermal monitoring) ACPI ready (APM enabled) Wake on LAN® support²⁸ C: is 1.99GB, D: is up to 1.99GB, etc. Setup Guide, User's Reference, Quick Reference and Service Information Card, Options by IBM Catalog, Windows 98 or NT manual Plug and Play 1.0a Standby, suspend, safe suspend, and hibernation modes ENERGY STAR compliant International Warranty Service ¹⁴ IBM SystemXtra®³⁵ 24 hour / 7 day telephone ³⁰ , bulletin board, fax, electronic, and Internet (www.ibm.com/pc/us) support	
Service options ¹⁵	On-site ³² , M-F, 8-5, next bus day (72 cities) / service agreements up to 5 years from purchase date		
- 56K PC Card Modem Kit 04K0052 - 56K PC Card Modem/Cellular capab 02K4196 - V.90 PC Card Modem with XJACK ²⁴ 10L7393 - EtherJet PC Card Combo 72H4534 - IBM 10/100 EtherJet CardBus PC Cd 08L3147 - UltralimBay HDD adapter (for 2nd disk) 05K5336 - SuperDisk LS-120 (UltralimBay) 20L1929 - 2X DVD Drive (UltralimBay) 05K8890		- 6.4GB disk, 13ms, Ultra DMA/33 02K0518 - 10GB disk, 12ms, Ultra DMA/33 36L9293 - SelectaBase 600 12J2467 - PC Card Enabler ¹⁷ 83H6741 - PC Card Enabler with EtherJet™ ¹⁷ 05K4820 - SelectaDock I 3547001 - SelectaDock II 3547002 - SelectaDock III¹⁷ 3547003 - 56 watt AC Adapter (barrel; 3 prong) 83H6739 - 24X-10X CD-ROM (UltralimBay; includes external diskette enclosure) 12J2471 - 16MB SO DIMM 3.3v NP SDRAM 76H0293 - 32MB SO DIMM 3.3v NP SDRAM 76H0294 - 64MB SO DIMM 3.3v NP SDRAM 76H0295 - 64MB SO DIMM 3.3v NP SDRAM 20L0241 - 128MB SO DIMM 3.3v NP SDRAM 01K1150 - ThinkPad 600 Li-Ion Battery 12J2464 - External Battery Charger 02K6499 - Zip 100MB UltralimBay Drive 37L1504	
The right bay (UltralimBay) has LED on release latch to provide status; supports warm swapping: • std diskette and weight-saver bezel • std or optional CD-ROM • optional DVD drive ¹⁹ • optional Zip 100MB drive (cold swap) • opt LS-120 SuperDisk drive (cold swap) • opt HDD adapter; second disk (cold swap) • optional ThinkPad Proven™ solutions ¹²			

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