

IBM ThinkPad® 600X - withdrawn

IBM® ThinkPad®						WINDOWS 98 PRELOAD ¹⁶	
Processor	Intel® Mobile Pentium® III 450 or 500MHz ¹ / 100MHz system bus					<ul style="list-style-type: none">Microsoft® Windows® 98 Second EdThinkPad UtilitiesOnline User's GuideThinkPad Configuration ProgramPC-DoctorIBM RegistrationRingCentral FaxIBM Global Network DialerNetscape CommunicatorLotus® SmartSuite® Millennium²⁰Universal Manageability ServicesThinkPad on the NetConfigSafe®Norton AntiVirus™ (OEM Version)Mediamatics DVD Express (5/9EU)IBM Update ConnectorAccess ThinkPadSoftware Selections CD-ROMRecovery CD-ROM (Windows 98)Recovery CD-ROM (Windows 95)⁴⁰	
Processor features	No upgrade / processor, L2 cache, and mem cntr (North Bridge) on Mobile Module						
L2 cache	256KB / onboard (at processor speed) / sync pipelined burst / write-back / ECC						
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/DVD)						
CD-ROM (removable)	Std or option: CD-ROM / 24X-10X ⁵ speed / bootable / removable from UltralimBay						
DVD (removable)	Std or option: DVD-ROM / bootable / removable from UltralimBay						
Type - model	2645-3EU	2645-7EU	2645-4EU	2645-8EU	2645-5EU		2645-9EU
Preload (see side)	Win 98	NT 4.0	Win 98	Win 2000	Win 98		NT 4.0
Processor	Pentium III 450MHz						
CD or DVD-ROM	CD-ROM						
Disk (removable)	6.0GB ⁴ / 12ms seek read PIO4 or Ultra DMA/33						
Avail / withdrawn date	Dec 1999 / Jan 2001						
Memory (std / max)	64MB / 576MB SDRAM / non-parity / 100MHz / 3.3v / sockets accessed by removing screw on base / two 144-pin sockets / 64MB on planar / 2 sockets available						
Display	13.3" (337.8mm) TFT color / Active Matrix / XGA / 75ms / 100 to 1 contrast ratio / 640x480, 800x600, or 1024x768 (up to 16.7 million colors) / 150 nits (AC), 90 nits (battery) / 180 degree tilt						
Graphics - controller	NeoMagic™ MagicGraph256ZX™ (NM2360) / Accelerated Graphics Port / 4MB / SGRAM (embedded) / 128-bit engine, 256-bit memory interface / AGP 2X						
Graphics - features	Motion compensation / multiple-monitor support ²⁶ for Windows 98 / simultaneous LCD and CRT ²⁶ / DDC2B						
Graphics - external	External SVGA to 1024x768x16.7 million colors at 85Hz and 1280x1024x256 colors						
Disk	Left front / remove via coin screw or 2.5mm Allen wrench / SMART ²⁹ / upgradeable						
Disk controller	Enhanced IDE / busmaster / PCI 2.1 / South Bridge / DMA Mode 2, Ultra DMA/33, or PIO Mode 4 / supports 2nd disk in opt HDD adapter						
Keyboard / Fn keys	Full-size 85-key keyboard / 10 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						
Approximate weight ²	5.0 lbs (2.25 kg) w/ travel cover and battery only / IBM ThinkPad UltraCarbon™ case						
Battery - type	Lithium Ion / intelligent / remove from base / locked with latch						
Battery - life ¹⁰	3.0 hrs / no non-disruptive battery exchange / supports 2nd battery in UltralimBay						
Charge time ¹⁰ - on / off	2 to 3 hrs / 1.5 to 2.5 hrs						
Architecture	Intel 440BX AGPset / Intel PIIX4M (EIDE, ISA Bridge, USB) / TI® PCI1450 for CardBus / AGP 2X for graphics / PCI 2.1 / 32-bit / 33MHz (EIDE, CardBus, audio, USB, ext expansion) / PC97338 Super I/O / ISA (diskette, serial, parallel, infrared, ext exp)						
Port replicator	SelectaBase 600 / PC Card Enabler ¹⁷ / PC Card Enabler with Advanced EtherJet ¹⁷						
Docking Station	SelectaDock III ¹⁷ / 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 / Ultralim 56 watt AC Adapter barrel, 3 prong / selectable boot						
Video (TV) out	5EU/9EU: Video out (composite) / cable ships std with RCA jack / Chronitel CH7004						
MPEG decoder	None (W98 support for MPEG-2 because 300MHz with motion compensation)						
Data/fax modem	56K ³⁷ V.90 / 14.4Kbps fax / telephony / voice-capable / Mini-PCI Type IIb / Lucent® 1646 / international programmable DAA / modem cable						
Audio support	16-bit playback and record / full duplex / SoundBlaster Pro™ support / PCI / CS4624 / CS4297A AC97 codec						
Jacks	Int stereo speakers (front) / .5 watt / Fn+PgUp and PgDn (volume) / int microphone						
Infrared ports	Input jack (3.5 mm) / output jack (3.5 mm) / line in / full duplex						
Security	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						
- IBM Portable Drive Bay	33L1511	- 6.0GB disk, 12ms, ATA-66	05K9199				
- 10/100 EtherJet CardBus with 56K ²²		- 12.0GB disk, 12ms, ATA-66	05K9200				
modem	08L3167	- 18.0GB disk, 12ms, ATA-66	37L2993				
- IBM 10/100 EtherJet CardBus PC Card	08L3147	- SelectaBase 600	12J2467				
		- PC Card Enabler with Adv EtherJet ¹⁷	05K4820				
		- SelectaDock III ¹⁷	3547003				
		- Ultralim 56 watt AC Adapter (3 prong)	02K6545				
		- 24X-10X ⁵ CD-ROM (UltralimBay)	12J2471				
		- 32MB SO DIMM 100MHz NP SDRAM	20L0253				
		- 64MB SO DIMM 100MHz NP SDRAM	20L0254				
		- 128MB SO DIMM 100MHz NP SDRAM	20L0255				
		- 256MB SO DIMM 100MHz NP SDRAM	33L3069				
		- UltralimBay HDD adaptr (for 2nd disk)	05K5336				
		- SuperDisk LS-120 (UltralimBay)	20L1929				
		- 6X-2X ⁵ DVD Drive (UltralimBay)	05K9169				
		- Zip 100MB UltralimBay Drive (570/600)	37L1507				
		- UltralimBay Battery (600E/X only)	02K6504				
		- ThinkPad 600 Li-Ion Battery	12J2464				

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 < 2645-8EU withdrawn effective July 2000

No warranties are expressed or implied in this summary
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IBM ThinkPad® 600X (2000) - withdrawn

IBM® ThinkPad®		WINDOWS 98 PRELOAD ¹⁶	
Processor	Intel® Mobile Pentium® III 500MHz ¹ with 100MHz system bus or Pentium® III 650MHz ^{1,41} with SpeedStep™ technology and 100MHz system bus	<ul style="list-style-type: none"> Microsoft® Windows® 98 Second Ed ThinkPad Utilities Online User's Guide ThinkPad Configuration Program PC-Doctor IBM Registration RingCentral Fax Netscape Communicator Lotus® SmartSuite® Millennium ThinkPad on the Net ConfigSafe® Norton AntiVirus™ (OEM Version) Mediamatics DVD Express (5/9FU) IBM Update Connector Access ThinkPad Software Selections CD-ROM Recovery CD-ROM (Windows 98 SE) Recovery CD-ROM (Windows 95)⁴⁰ 	
Processor features	No upgrade / processor, L2 cache, and mem cntr (North Bridge) on Mobile Module		
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DVD (removable)	Std or option: DVD-ROM / bootable / removable from UltralimBay		
Type - model	2645-8PU	2645-5FU	2645-9FU
Preload (see side)	Windows 2000 Pro	Windows 98 SE	Windows 2000 Pro
Processor	Pentium III 500MHz	Pentium III 650MHz	Pentium III 650MHz
CD or DVD-ROM	CD-ROM	6X-2X ⁵ DVD / RPC II	CD-ROM
Disk (removable)	12.0GB ⁴ / 12ms seek read / 14ms write / ATA-66 or PIO Mode 4 / S.M.A.R.T. ²⁹		
Avail / withdrawn date	February 2000 / February 2001		
Memory (std / max)	64MB / 576MB		
	SDRAM / non-parity / 100MHz / 3.3v / sockets accessed by removing screw on base / two 144-pin sockets / 64MB on planar / 2 sockets available		
Display	13.3" (337.8mm) TFT color / Active Matrix / XGA / 75ms / 100 to 1 contrast ratio / 640x480, 800x600, or 1024x768 (up to 16.7 million colors) / 150 nits (AC), 90 nits (battery) / 180 degree tilt		
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Color depth LCD External Monitor Resolution TFT 60Hz 70Hz 75Hz 85Hz 640x480 16M 16M -- 16M 16M 800x600 16M 16M -- 16M 16M 1024x768 16M 16M 16M 16M 16M 1280x1024 -- 256 -- -- --		WINDOWS 2000 PRELOAD¹⁶ - Windows 2000® Professional - ThinkPad Utilities - Online User's Guide - ThinkPad Configuration Program - IBM Registration - PC-Doctor - RingCentral Fax - Netscape Communicator - Lotus SmartSuite Millennium - ConfigSafe - IBM Update Connector - SystemSoft CardWizard - Software Selections CD-ROM - Recovery CD-ROM (Windows 2000) - Recovery CD-ROM (Windows NT) ⁴⁰	
Windows 98 model: - C: drive is FAT16 of 2GB - D: drive is FAT32 of remaining space Windows 2000 models: - C: drive is FAT32 of entire drive		PC 99-compliant CIM and DMI 2.0 compliant Wired for Management 1.1a Wake on LAN® support²⁸ APM enabled (ACPI ready) Local and remote asset management via the IBM Universal Manageability Services Remote setup and low-level maintenance via IBM LANClient Control Manager™ Setup Guide, User's Reference, Quick Reference and Service Information Card, Options by IBM Catalog, Windows 98 or 2000 manual Plug and Play 1.0a Standby, suspend, safe suspend, and hibernation modes ENERGY STAR compliant Asset ID™ wireless RF technology (available as special bid option; Atmel® AT24RF08 EEPROM) International Warranty Service ¹⁴ IBM SystemXtra®³⁵ 24 hour / 7 day ³⁰ telephone, bulletin board, fax, electronic, and Internet (www.ibm.com/pc/us) support	

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