

# IBM ThinkPad® 570E - withdrawn

IBM® ThinkPad®		WINDOWS 98 PRELOAD <sup>16</sup>			
Processor	Intel® Mobile Pentium® III 450 or 500MHz <sup>1</sup> with 100MHz system bus				
Processor features	No upgrade / processor in Ball Grid Array (BGA) / North and South Bridge cores				
L2 cache	256KB / onboard (at processor speed) / sync pipelined burst / write-back / ECC				
Diskette drive	External 3.5" 1.44MB / use externally with std cable or in UltraBase				
CD-ROM	Option: CD-ROM / 24X-10X <sup>5</sup> speed / bootable / removable from UltraBase				
DVD-ROM	Option: 6X-2X <sup>5</sup> DVD-ROM / bootable / removable from UltraBase				
Type - model	≈ 2644-5AU	≈ 2644-5BU	≈ 2644-6AU	≈ 2644-6BU	
Processor	Pentium III 450	Pentium III 450	Pentium III 500	Pentium III 500	
Preload (see side)	Windows 98 SE	Windows 2000	Windows 98 SE	Windows 2000	
Disk (removable)	6.0GB <sup>4</sup>	6.0GB	12.0GB	12.0GB	
All disks: 12ms read / 14ms write / ATA-66 or PIO4 / 9.5mm / S.M.A.R.T. <sup>29</sup>					
Avail / withdrawn date	February 2000 / 5AU and 5BU on July 2000, 6AU and 6BU on February 2001				
Memory (std / max)	64MB std / 320MB max SDRAM / non-parity / 100MHz / 3.3v / sockets accessed by removing screw on base One 144-pin socket / 64MB on planar / 1 socket available				
Display	13.3" (337.8mm) TFT color / Active Matrix XGA / 1024x768 / 150 to 1 contrast ratio				
Display - features	16.7 million simultaneous colors / 30ms refresh rate / 150 degree tilt / 125 nits (AC), 70 nits (battery)				
Graphics - controller	NeoMagic™ MagicMedia256AV™ (NM2200) / Accelerated Graphics Port 2.5MB / SGRAM (embedded) / 128-bit engine, 256-bit memory interface				
Graphics - features	AGP 1X / no sideband signaling / motion compensation / DDC2B / simultaneous LCD and CRT <sup>26</sup> / multiple-monitor support <sup>26</sup> for Windows 98				
Disk	Left front / removable via coin screw or 2.5mm Allen wrench / SMART <sup>29</sup> / upgradeable				
Disk controller	Enhanced IDE / busmaster / PCI 2.1 / South Bridge / PIIX4M / DMA Mode 2, Ultra DMA/33, or PIO Mode 4 / supports 2nd disk in opt UltraBase				
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 <sup>36</sup>	11.8 x 9.4 x 1.1" (122 cubic inches)				
Weight <sup>2</sup>	3.97 lbs (1.80 kg) with battery				
Weight	with optional UltraBase CD-ROM and diskette drives: 6.9 lbs (3.12 kg)				
Case material	Top: carbon-fiber reinforced plastic; Bottom: glass-fiber reinforced plastic				
Battery - type	Lithium Ion / intelligent / remove from base / locked with latch				
Battery - life <sup>10</sup>	3.0 hrs / supports 2nd battery in UltraBase				
Charge time - on/off	3 to 4 hrs / 2.5 to 3 hrs / no non-disruptive battery exchange				
Architecture	Intel 440BX AGPset / Intel 82371EB PIIX4M (EIDE, ISA Bridge, USB) / TI® PCI1450 for CardBus / AGP for graphics / ADM1021 digital thermometer / PCI 2.1 / 32-bit / 33MHz (EIDE, CardBus, modem, audio, USB, ext expansion) / PC97338 Super I/O / ISA (diskette, serial, parallel, infrared, ext expansion)				
Port replicator (opt)	UltraBase / the following are supported by attachment to UltraBase or Direct Dock Adapter: ThinkPad Port Repl with Advanced EtherJet and Port Replicator				
Docking Station	None (UltraBase has two bays)				
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	Ultraslim 56 watt AC Adapter, barrel, 3 prong / IBM BIOS Setup Utility (hit F1 at boot)				
Video (TV) out	None				
MPEG-2/DVD	Software supported DVD movie playback (via UltraBase and UltraslimBay DVD)				
Data/fax modem	56K <sup>22</sup> / V.90 / 14.4K fax / RJ-11 port / voice-capable / integrated Lucent® 1646 / international programmable DAA / Mini PCI Type IIb				
Audio support	CS4280 / PCI / FM synthesis / 16-bit playback and record / CS4297 (AC97) / full duplex / int speaker (bottom) / .5 watt / Fn+PgUp and PgDn (volume) / int mic				
Jacks (3.5mm)	Microphone jack (stereo) / headphone jack (stereo) / line-in jack (stereo)				
Infrared ports	Infrared port (on right) / IrDA 1.1 compatible / up to 4Mbps				
Security	Power-on password / hard disk password / supervisor passwrd / security keyhole / Phillips-head screw on base for memory / optional Allen screw for disk				
Limited warranty <sup>11</sup>	3 year - carry-in or ThinkPad EasyServ™ <sup>31</sup> Rapid Depot Repair (3 business day average turnaround)				
Service options <sup>15</sup>	On-site <sup>32</sup> , M-F, 8-5, next bus day (72 cities) / serv up to 5 yrs from purchase date				

- 6.0GB disk, 12ms, ATA-66 05K9199		- 32MB SO DIMM 100MHz NP SDRAM 20L0253		20L0253	
- 12.0GB disk, 12ms, ATA-66 05K9200		- 64MB SO DIMM 100MHz NP SDRAM 20L0254		20L0254	
- 18.0GB disk (UltraBase only) 37L2993		- 128MB SO DIMM 100MHzNP SDRAM 20L0255		20L0255	
Color depth		LCD		External Monitor	
Resolution		TFT		60Hz 70Hz 75Hz 85Hz	
640x480 16M		16M -- 16M 16M		16M 16M	
800x600 16M		16M -- 16M 16M		16M 16M	
1024x768 16M		16M 16M 16M 16M		16M 16M	
1280x1024* 256		256 -- -- --		-- --	
* Virtual screen mode on 13.3" TFT screen					
Windows 98 models:					
- C: drive is FAT16 of 2GB					
- D: drive is FAT32 of remaining space					
Windows 2000 models:					
- C: drive is FAT32 of entire drive					
- ThinkPad 570 UltraBase		- Direct Dock Adapter (from CompuLock)		00N4650	
- Port Replicator		- Port Replicator w/ Advanced EtherJet		46H4209	
- Ultraslim 56 watt AC Adapter (3 prong)		- UltraslimBay HDD adapter (for 2nd disk)		02K6545	
- SuperDisk LS-120 (UltraslimBay)		- 24X-10X <sup>5</sup> CD-ROM (UltraslimBay)		05K5336	
- 6X-2X <sup>5</sup> DVD Drive (UltraslimBay)		- Zip 100MB Drive 570/600(UltraslimBay)		20L1929	
- ThinkPad 570 Li-Ion Battery		- ThinkPad 570 Battery Charger		05K9122	
- IBM 340MB microdrive				05K9169	
				37L1507	
				02K6546	
				02K6570	
				00N8073	

PC 98 and DMI 2.0 compliant	
DMI instrumentation	
ACPI ready (APM enabled)	
Wired for Management 1.1a compliant	
Wake on LAN <sup>28</sup> support <sup>28</sup>	
Setup Guide, User's Reference, Quick Reference and Service Info Card, Options catalog, Windows manual	
Plug and Play 1.0a	
Standby, suspend, safe suspend, and hibernation modes	
ENERGY STAR compliant	
Personalized Web-based support	
International Warranty Service <sup>14</sup>	
IBM SystemXtra®. <sup>35</sup>	
24 hour / 7 day <sup>30</sup> telephone, bulletin board, fax, electronic, and Internet (www.ibm.com/pc/us) support	

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