

# IBM ThinkPad® 570E - withdrawn

<b>IBM® ThinkPad®</b>		<b>WINDOWS 98 PRELOAD<sup>16</sup></b>																																							
Processor	<b>Intel® Mobile Pentium® III 450 or 500MHz<sup>1</sup> with 100MHz system bus</b>																																								
Processor features	No upgrade / processor in Ball Grid Array (BGA) / North and South Bridge cores																																								
L2 cache	<b>256KB / onboard (at processor speed)</b> / sync pipelined burst / write-back / ECC																																								
Diskette drive	External 3.5" 1.44MB / use externally with std cable or in UltraBase																																								
CD-ROM	Option: <b>CD-ROM / 24X-10X<sup>5</sup> speed</b> / bootable / removable from UltraBase																																								
DVD-ROM	Option: <b>6X-2X<sup>5</sup> DVD-ROM</b> / bootable / removable from UltraBase																																								
Type - model	< 2644-5AU	< 2644-5BU	< 2644-6AU	< 2644-6BU																																					
Processor	<b>Pentium III 450</b>	<b>Pentium III 450</b>	<b>Pentium III 500</b>	<b>Pentium III 500</b>																																					
Preload (see side)	<b>Windows 98 SE</b>	<b>Windows 2000</b>	<b>Windows 98 SE</b>	<b>Windows 2000</b>																																					
Disk (removable)	<b>6.0GB<sup>4</sup></b>	<b>6.0GB</b>	<b>12.0GB</b>	<b>12.0GB</b>																																					
Avail / withdrawn date	February 2000 / 5AU and 5BU on July 2000, 6AU and 6BU on February 2001																																								
Memory (std / max)	<b>64MB</b> std / 320MB max <b>SDRAM</b> / non-parity / 100MHz / 3.3v / sockets accessed by removing screw on base One 144-pin socket / 64MB on planar / 1 socket available																																								
Display	<b>13.3"</b> (337.8mm) <b>TFT color / Active Matrix</b> <b>XGA / 1024x768</b> / 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	<b>NeoMagic™ MagicMedia256AV™</b> (NM2200) / <b>Accelerated Graphics Port 2.5MB</b> / SGRAM (embedded) / 128-bit engine, 256-bit memory interface																																								
Graphics - features	AGP 1X / no sideband signaling / <b>motion compensation</b> / 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	<b>TrackPoint®</b> / 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	<i>Top:</i> carbon-fiber reinforced plastic; <i>Bottom:</i> 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	<b>Intel 440BX AGPset</b> / Intel 82371EB <b>PIIX4M</b> (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)	<b>UltraBase</b> / 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	<b>56K<sup>22</sup></b> / V.90 / 14.4K fax / RJ-11 port / voice-capable / integrated Lucent® 1646 / international programmable DAA / Mini PCI Type IIIb																																								
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>	<b>3 year</b> - 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																																								
<ul style="list-style-type: none"> <li>- 6.0GB disk, 12ms, ATA-66 05K9199</li> <li>- 12.0GB disk, 12ms, ATA-66 05K9200</li> <li>- 18.0GB disk (UltraBase only) 37L2993</li> </ul>		<ul style="list-style-type: none"> <li>- 32MB SO DIMM 100MHz NP SDRAM 20L0253</li> <li>- 64MB SO DIMM 100MHz NP SDRAM 20L0254</li> <li>- 128MB SO DIMM 100MHzNP SDRAM 20L0255</li> <li>- 256MB SO DIMM 100MHzNP SDRAM 33L3069</li> </ul>		<ul style="list-style-type: none"> <li>- <b>ThinkPad 570 UltraBase</b> <b>05K5840</b></li> <li>- Direct Dock Adapter (from CompuLock) 00N4650</li> <li>- Port Replicator 46H4209</li> <li>- Port Replicator w/ Advanced EtherJet 05K4872</li> <li>- Ultraslim 56 watt AC Adapter (3 prong) 02K6545</li> <li>- UltraslimBay HDD adapter (for 2nd disk) 05K5336</li> <li>- SuperDisk LS-120 (UltraslimBay) 20L1929</li> <li>- 24X-10X<sup>5</sup> CD-ROM (UltraslimBay) 05K9122</li> <li>- 6X-2X<sup>5</sup> DVD Drive (UltraslimBay) 05K9169</li> <li>- Zip 100MB Drive 570/600(UltraslimBay) 37L1507</li> <li>- ThinkPad 570 Li-Ion Battery 02K6546</li> <li>- ThinkPad 570 Battery Charger 02K6570</li> <li>- IBM 340MB microdrive 00N8073</li> </ul>																																					
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<ul style="list-style-type: none"> <li>Windows 98 models:</li> <li>- C: drive is FAT16 of 2GB</li> <li>- D: drive is FAT32 of remaining space</li> <li>Windows 2000 models:</li> <li>- C: drive is FAT32 of entire drive</li> </ul>		<ul style="list-style-type: none"> <li>PC 98 and DMI 2.0 compliant</li> <li>DMI instrumentation</li> <li>ACPI ready (APM enabled)</li> <li>Wired for Management 1.1a compliant</li> <li>Wake on LAN<sup>28</sup> support<sup>28</sup></li> <li>Setup Guide, User's Reference, Quick Reference and Service Info Card, Options catalog, Windows manual</li> <li>Plug and Play 1.0a</li> <li>Standby, suspend, safe suspend, and hibernation modes</li> <li>ENERGY STAR compliant</li> <li>Personalized Web-based support</li> <li>International Warranty Service<sup>14</sup></li> <li>IBM SystemXtra<sup>35</sup></li> <li>24 hour / 7 day<sup>30</sup> telephone, bulletin board, fax, electronic, and Internet (www.ibm.com/pc/us) support</li> </ul>																																							

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