# IBM ThinkPad 560E - withdrawn

| IBM® ThinkPad®: | ✂ **560E** | ✂ **560E** |
|---|---|---|
| | 11.3" Dual Scan SVGA color | 12.1" TFT SVGA color |

| | |
|---|---|
| Processor type | **Pentiumª 150/60 MHz or 166/66 MHz / both with MMX technology** / 64 bit transfers to L2 cache and memory |
| Processor upgrade | None |
| L2 cache | **256 KB** / write-back / direct mapped / 8 ns / synchronous pipelined burst |
| 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 | | |
|---|---|---|
| Type - model (code) | **2640-30U** | **2640-40U**  s |
| Processor | **Pentium 150/60 with MMX** | **Pentium 166/66 MHz with MMX technology** |
| Preload (see side) | **Windows 95 OSR2** | |
| Avail / withdrawn date | June 1997 / January 1998 | |
| Disk - size / ms | **2.1 GB** / 14 ms / DMA Mode 2 or PIO Mode 4 / SMART | |
| 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 - techology | 11.3" SVGA color / 640 x 480 or 800 x 600 65,536 sim 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 / 2 MB fast page DRAM / 70 ns |
| Graph - arch/data path | PCI 2.1 / 32 bit / 32 bit path to memory / DCI, DirectDraw, EnDIVE support |
| Graphics - features | Simultaneous LCD and CRT / 135 degree tilt |
| Graphics - external | External SVGA to 1024 x 768 with 256 colors |

| | |
|---|---|
| Memory - std / max | **16 MB** / 80 MB |
| 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, 32, 64 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 | 4.1 pounds (1.9 kg) | 4.1 pounds (1.9 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) / NS PC87334 (FDC, IR, I/O) 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 / Cirrus Logic® PD6729 |
| 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 / APM 1.2 / 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 |
| Jacks | Input jack (3.5 mm) / Output jack (3.5 mm) / not full duplex speakers/mic |
| Telephone | None |
| Infrared ports | **Infrared port (left side) / IrDA 1.1 compatible / up to 4 Mbps** |

| | |
|---|---|
| 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 (depot repair service) or carry-in |
| Service options | On-Site, M-F, 8-5, next bus day (71 cities) / Warranty extension to 3 or 5 years |

### WINDOWS 95 PRELOAD

- Microsoft Windows 95 OSR2 (FAT16)
- Online User's Guide
- ThinkPad Features Program
- PC Card Director 4.0
- Diskette Factory
1. Triton CoSession™ Host
2. CompuServ for Windows
3. NetFinity for Windows 95
4. Puma TranXit™
5. IntelliLink Connect
6. IBM Anti-Virus
7. IBM Global Network with Netscape web browser
8. Registration Mailer
9. Lotus Organizer
10. Lotus SmartSuite 96
- Lotus SmartSuite 96 CD-ROM
- Recovery CD-ROM with boot diskette
- Windows 95 CD-ROM (no installation)

Disk is not removable (like 755/760 systems), but it can be upgraded via a dealer or service center (not customer installable).

The optional **ThinkPad 560 Port Replicator** 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
- Mouse
- Keyboard
- External monitor
- Parallel
- Serial (9 pin)
- External diskette drive
- Power jack

### FEATURES OF 560E MODELS

Quick Setup Guide
Plug and Play 1.0a
Standby, suspend, safe suspend, and hibernation modes
US EPA Energy Star compliant
Personalized nameplate indention
Personalization screen at startup
**International Warranty Service**
**IBM SystemXtra 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)**

---

Easy-Setup is entered by holding F1 when turning on.

| | | |
|---|---|---|
| Fn + F2 | = | Battery guage |
| Fn + F3 | = | Standby |
| Fn + F4 | = | Suspend |
| Fn + F7 | = | LCD/CRT/Simultaneous |
| Fn + F11 | = | Power mgmt |
| Fn + F12 | = | Hibernation |

**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

System does not have non-disruptive battery exchange. Battery can be changed while system is off, in hibernation, or under AC power.

### OPTIONS

- Disks: (365/760 IDE disks not supported)

| | |
|---|---|
| 2.1 GB HDD 14 ms | 45H8783 |
| 4.0 GB HDD 13 ms | 02K0501 |
| - 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 |
| - 64 MB SO DIMM 3.3v NP EDO 64 bit | 76H0268 |
| - External 4 x PCMCIA CD-ROM | 1969008 |
| - Ext 4 x PCMCIA Stereo CD-ROM | 1969009 |
| - 8-20 x Portable CD-ROM | 1969010 |
| - 8-20 x Portable Stereo CD-ROM | 1969011 |
| - PCMCIA 33.6 Kbps modem | 25H6420 |
| - PCMCIA 33.6  modem w/ XJACK | 55H6759 |
| - 56K PC Card Modem Kit | 04K0052 |
| - Other options from ThinkPad Proven partners | |

---

**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).