

Type-model	Processor	GHz	Memory	Screen	Disk	Ultrabay optical	Mini PCI Comm Bay	CDC ethernet	CDC Bluetooth	Security Chip	Preload software	Small business software model	Workhorse model	Avail date
2653-6TU	Pentium® III-M	1.2	128MB	15" UXGA	48GB ⁸ Combo	11b Wi-Fi ³² /mod		10/100		Yes	XP Pro	Office XP SB ²⁸	No	Nov 2001
2653-63U	Pentium III-M	1.2	128MB	15" UXGA	48GB Combo	Modem		10/100		Yes	XP Pro		No	Nov 2001
2653-65U	Pentium III-M	1.2	128MB	15" UXGA	48GB Combo	11b Wi-Fi/mod		10/100		Yes	XP Pro		No	Nov 2001
2653-64U	Pentium III-M	1.2	128MB	15" UXGA	48GB Combo	Modem		10/100		Yes	Windows® 2000		No	Oct 2001
2653-66U	Pentium III-M	1.2	128MB	15" UXGA	48GB Combo	11b Wi-Fi/mod		10/100	Yes	Yes	Windows 2000		No	Oct 2001
Positioning Processor	<i>High-performance desktop alternatives with exceptional versatility; three spindle</i>										SOFTWARE¹⁴			
L2 cache	Mobile Intel® Pentium® III Processor-M 1.2GHz with										Windows XP Pro models			
Memory	enhanced Intel SpeedStep™ technology ¹ and 133MHz frontside bus										- Microsoft® Windows® XP Professional			
	512KB / on die (at processor speed) / ECC										✧ Disk-to-Disk Recovery (in hidden Service Partition)			
	128MB standard / 1GB maximum ⁷ / SDRAM / non-parity / 133MHz / PC 133 / 3.3v / two 144-pin SO-DIMM sockets / 128MB in one socket / 1 socket available													
Diskette drive	None standard / use optional Ultrabay™-based or USB-based diskette drive										Windows 2000 models			
CD-RW/DVD-ROM	Combo drive / CD-RW/DVD-ROM / removable from Ultrabay Plus (right side)										- Microsoft Windows 2000 Professional ¹³			
Modular bays	Two modular bays for interchangeable devices / Ultrabay 2000 (left side) and Ultrabay Plus (right side) / Ultrabay 2000 left bay empty at ship (uses Travel Bezel)										✧ Disk-to-Disk Recovery (in hidden Service Partition)			
Disk (removable)	48GB⁸ / high-speed 5400 rpm / upgradable / S.M.A.R.T. / supports two additional disks with optional HDD adapter in each modular bay										INCLUDED SOFTWARE¹⁴ (all)			
Display	15.0" (381mm) UXGA-IPS (1600x1200) TFT color / Active Matrix / 400:1 contrast / FlexView display with wide viewing angle and high density using in plane switching (IPS) technology										Preloaded			
Graphics controller	ATI® Mobility RADEON™ 7000 / AGP 4X / 32MB DDR-SDRAM 188MHz										• Access ThinkPad			
Graphics - external	Supports external digital monitor via the Digital Video Interface (DVI) port on either of the optional docking solutions / DDC2B / 1600x1200x16.7M colors at 85Hz										- Access Connections			
Keyboard	87-key / Web navigation keys (6 total, 3 customizable) / ThinkPad Button / palm rest / TrackPoint®, "Press-to-Select," Internet Scroll Bar ¹³ / pitch: 19mm; stroke: 2.7mm										- Access Help			
ThinkLight™	Illuminates the keyboard to improve visibility in low-light conditions										• ConfigSafe®			
UltraPort™	UltraPort connector on top of display for options such as digital UltraPort Camera										• Mediomatics™ DVD			
Case material	<i>Color: Black; Top: ABS plastic; Bottom: glass-fiber reinforced plastic</i>										• MGI Video Wave IV			
Dimensions ³	Approximately 13 x 10.7 x 1.8"; 330mm x 272mm x 45.8mm										• PC-Doctor™			
Approximate weight ²	with battery and optical drive: 7.6 lb (3.45kg)										• ThinkPad Utilities			
Battery - type	Lithium Ion 6-cell / intelligent / supports unique 2nd battery in Ultrabay 2000 (left)										• IBM Update Connector™.15			
Battery - life ¹⁰	2.5 hours / universal 72 watt AC adapter										• Veritas RecordNOW			
Architecture	Intel 830MP chipset / 82830MP Graphics Memory Controller Hub (GMCH-M) / 82801CAM ICH3-M I/O Controller Hub (ATA-100/66 EIDE, PCI bus, Low Pin Count (LPC) interface, USB [Bluetooth]) / Intel 82802AB Firmware Hub / PCI bus 2.2 32-bit, 33MHz (Ricoch® R5C522 CardBus/1394 combo controller, Mini PCI, ext expansion) / LPC bus 33MHz (PC87392 Super I/O for diskette, serial, parallel, infrared)										Downloadable			
Port replicator	Optional ThinkPad Port Replicator										• IBM Rapid Restore™ PC			
Docking Station	Optional ThinkPad Dock (includes Ultrabay 2000 and half-size PCI slot)										• IBM Data Transfer			
PC Card Std slots	2 Type I, 2 Type II, or 1 Type III / CardBus 32-bit / PCMCIA 2.1										• Universal Manageability Services™			
Ports	Two USB (version 1.1) / one 9-pin serial / parallel / IEEE 1394 / external DB-15 monitor / infrared (4Mbps) / RJ-11 (modem) / RJ-45 (ethernet) / no keyboard/mouse										• Client Security Software (for security chip)			
Video in and out	S-video in and S-video out ports / two industry standard connectors / video out cable included (S-video to composite)										License			
Mini PCI	One Mini PCI type III slot (Communications Bay) / customer upgradable										- Lotus® SmartSuite® Millennium and Lotus Notes® Client 5.0			
CDC	Two Communications Daughter Card (CDC) sockets / customer accessible										Office XP Small Business models only			
Modem	<i>Some: 56K⁶ V.90 (V.92-capable²⁹) Mini PCI modem card / Lucent® chip set</i>										- Microsoft Office XP Small Business ²⁸ (Word, Excel, Outlook, Publisher, Small Business Tools)			
11b Wi-Fi ³² /modem	<i>Some: Mini PCI 11b Wi-Fi³² wireless⁴, Intersil® Prism 2.5 chipset, diversity antennas in display cover, Wi-Fi-certified / 56K⁶ V.90²⁹ modem combo, Lucent® chipset</i>										✧ Office XP Small Business CD			
Ethernet	<i>Some: 10/100 ethernet on Communications Daughter Card / Intel® 82562ET chipset</i>										Ultrabay Plus integrated modular bay			
Bluetooth™	<i>Some: Bluetooth wireless technology / on CDC / power button on display</i>										supports most Ultrabay 2000 devices including CD-RW/DVD Combo drive, diskette drive, or Zip drive; the optional Ultrabay Plus Device Carrier adds potential functionality by supporting the Ultrabay Plus Numeric Keypad and Cradle for the WorkPad® c500 Series			
IEEE 1394	IEEE 1394 port													
Audio support	SoundBlaster Pro™-compatible / CS4299 AC97 codec / stereo speakers / 1 watt / volume up, down, mute buttons / input jack (3.5 mm) / output jack (3.5 mm) / line in jack										PC 2001-compliant			
Security	Power-on password / hard disk password / supervisor password / security keyhole /										ACPI 1.0b and 2.0 support			
Security chip	IBM Embedded Security Subsystem³³ / hardware key storage / multi-factor authentication / local file encryption / enhances VPN security ¹⁶										CIM and DMI 2.0 compliant			
Limited warranty ¹²	3 years/1 year battery - EasyServ™.19 onsite pickup and delivery courier service										Wired for Management 2.0			
Service options	Service upgrades ²² provide up to five years of onsite or depot repair service coverage from date of ThinkPad purchase (including warranty period)										Local and remote asset management via the IBM Universal Manageability solutions			
64 MB SO DIMM	133MHz NP SDRAM		19K4650	ThinkPad A30 Series Li-Ion Battery		02K6878								
128 MB SO DIMM	133MHz NP SDRAM		19K4652	Ultrabay 2000 Li-Ion battery		02K6646								
256 MB SO DIMM	133MHz NP SDRAM		19K4654	ThinkPad 72W AC Adapter		02K6699								
512 MB SO DIMM	133MHz NP SDRAM		19K4656	Multiple Li-Ion/NiMH Battery Charger		02K6719								
ThinkPad Removable Diskette Drive			08K9603	ThinkPad Port Replicator		02K8667								
SuperDisk (LS-240) UltraBay 2000			08K9616	ThinkPad Dock		263120U								
Zip 250MB Ultrabay 2000 Drive			00N8253	ThinkPad Monitor Stand 2001		22P5265								
24X-10X CD-ROM Ultrabay 2000 Drive			05K9233	Portable Drive Bay 2000		19K4480								
8X/4X/24X Max CD-RW Ultrabay 2000			08K9569	UltraPort Camera II		04P6135								
8X-3X DVD Ultrabay 2000 Drive			27L3448	UltraPort Digital Array Microphone		09N4178								
CD-RW/DVD Combo Ultrabay 2000			08K9572	UltraPort Compact Flash Reader		19K4510								
Travel Bezel for Ultrabay 2000			08K6070	IBM USB 32MB Memory Key		22P5296								
Second HDD Adapter for Ultrabay 2000			08K6068	IBM IEEE 1394 CardBus Card		19K5679								
IBM ThinkPad Ultrabay Plus Carrier			22P5737	10/100 EtherJet™ CardBus Adapter		08L3147								
ThinkPad Ultrabay Plus Numeric Keypad			22P7330	15GB HDD		08K9588								
ServicePac®.22 2yr IOR 9x5 NBD			30L9190	40GB HS Hard Disk 9.5mm (5400 rpm)		08K9816								
ServicePac 3yr IOR 9x5 NBD			30L9197	48GB HS Hard Disk 12.5mm (5400 rpm)		08K9600								

See footnotes for important warranty information
 US models announced October 9, 2001
 US models withdrawn effective July 2003