

ThinkPad® W700 2752 (Quad-Core Extreme)

Personal Systems Reference (PSREF)

Type-model	Proc- essor	GHz	Memory	Wide- screen display	Cam- era	Discrete graphics memory	Disk(s) SATA GB ⁵ rpm	SATA RAID	SATA optical	Mini PCIe 802.11 wireless	Mini PCIe UWB or Turbo	Card Blue/ Fing	Digit- izer	Workhorse (W) Global (G) Avail date
2752-3KU QX9300		2.53	4GB	17" WUXGA	Cam	1GB	2x320G 5400	0	Blu-ray™	✦ Intel 5300 ²⁸	None	/54	Yes	Wacom Bus64 No Sep 08

- **First 17" widescreen ThinkPad workstation with integrated color calibration and two RAID-capable disks**
- **Select models include digitizer on palm rest and dual-link DVI-D and DisplayPort ports**

Positioning Processor	<i>Mobile workstation; three spindles</i> Intel® Core™ 2 Extreme processor QX9300 with quad-core , Intel HD boost, 1066MHz system bus, and 12MB L2 cache										Preloaded operating system²⁰ - Microsoft® Windows® Vista® Business Edition (64-bit) ✦ Vista Premium logo			
Memory	4GB std / 8GB max ³¹ / PC3-8500 1066MHz DDR3 , non-parity, dual-channel capable, two 204-pin SO-DIMM sockets; <i>Italics:</i> standard memory in both sockets; no sockets available; <i>Non-italics:</i> standard memory in one socket; one socket available										Preloaded applications¹⁴ • Rescue and Recovery™ • Access Connections™ • Client Security Solution™ • ThinkVantage Productivity Center • ThinkVantage System Update • McAfee VirusScan® Plus with SiteAdvisor™ (30 days of virus definitions) • PC-Doctor™ (diagnostics) • ThinkPad Utilities (Power Manager and Presentation Director) • Adobe® Reader • Windows Live™ Toolbar and Search • FingerPrint Software • Microsoft Office 2007 Trial (60-day) • Roxio® Creator® Business Edition • Roxio MyDVD® (DVD±RW) • huey™PRO Monitor Color Correction by Pantone®/X-Rite®			
SATA Blu-ray™ Ultrabay Enhanced SATA disk	Blu-ray burner, SATA 1.5Gb/s, 12.7mm Ultrabay Enhanced, removable (43R9150) One bay for removable devices, Ultrabay Slim-compatible, 12.7mm high Two disks, 320GB⁸ (5400 rpm) / SATA 1.5Gb/s, 2.5" wide, 9.5mm high, removable, upgradable, supports 3rd disk, ThinkPad Shock Mounted Hard Drive, Active Protection System™													
Widescreen display	17.0" (431.8mm) WUXGA (1920x1200) color , anti-glare, CCFL backlight, 400 nits, 16:10 aspect ratio, 500:1 contrast ratio, 72% color gamut													
Color calibration	huey™PRO Colorimeter by X-Rite® color calibration sensor in palm rest													
Camera	Integrated camera on top of screen, 1.3-megapixel, fixed focus													
Discrete graphics	NVIDIA® Quadro® FX3700M , PCI Express x16, 1GB memory; <i>Max external resolution:</i> 2048x1536@85Hz (DB-15 port); 2048x1536 (DisplayPort)													
Keyboard	89-key, ThinkVantage button, spill-resistant, multimedia Fn keys, Windows/ Appl keys													
TrackPoint®	TrackPoint® pointing device, "Press-to-Select," Internet Scroll Bar ¹³ , magnifying glass													
Touch pad	UltraNav™, wide touch pad below keyboard, Tap Zones, scrolling regions label													
Numeric keypad	10-key numeric keypad on right side of keyboard													
Digitizer	Wacom® digitizer (1280x80mm) on palm rest, digitizer pen, pen holder in right side													
ThinkLight™	Two LEDs illuminate the keyboard to improve visibility in low-light conditions										ISV software certifications			
Dimensions ³	<i>9-cell 17W"</i> (WxDxH): 16.1" x 12.2" x 1.6"; 410mm x 310mm x 41mm										Supports ThinkVantage® technologies			
Weight ²	<i>9-cell:</i> starting at 8.4 lb (3.8kg)													
Case material	<i>Top:</i> magnesium alloy; <i>Bottom:</i> Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic										ThinkPad W700 Mini Dock			
Battery - type	Lithium Ion 9-cell										Provides desktop expansion and cable management for W700 Series			
Battery - life ¹⁰	<i>9-cell:</i> up to 2.3 hr										Features: • Security key lock • Security cable lock slot • External monitor ports – Analog DB-15 – Dual-link DVI-D – DisplayPort • Four USB 2.0 ports • eSATA port • Gigabit ethernet port • Microphone in and headphone out • S/PDIF (RCA coaxial digital out) • Requires 170 watt AC adapter			
Chipset	Mobile Intel PM45 Express Chipset (Memory Controller Hub), ICH9M-Enhanced I/O Controller Hub (SATA 3.0Gb/s, RAID 0 or 1 support, USB 2.0, PCI Express 1.1, PCI 2.3, security chip, ethernet MAC), LPC bus (WPCN385 Super I/O)													
ExpressCard/34	One ExpressCard/34													
ExpressCard/54	/54 One ExpressCard/34 or ExpressCard/54													
Compact Flash	None													
Smart Card Read	None													
Multicard Reader	7-in-1 reader (MMC, Memory Stick, Mem Stick Pro, SD, SDHC, XD, XD Type H)													
Ports	Five USB 2.0, external monitor (DB-15, dual-link DVI-D, DisplayPort), modem (RJ-11), ethernet (RJ-45), IEEE 1394 FireWire 400 (4-pin connector; 1394a-2000 standard)													
Mini PCI Express	Three Mini PCI Express slots													
Intel 5300 ²⁸	11a/b/g/n wireless ⁴ , Mini PCIe adapter, Intel WiFi Link 5300, 3x3 (Shirley Peak)													
2G Turbo	<i>Some:</i> Intel Turbo Memory, Mini PCIe adapter, 2GB flash, disk-cache accelerator													
UWB	None (uses Half-Mini PCIe slot)													
Modem	56K ⁶ V.92 ²⁹ modem in Communications Daughter Card socket													
Bluetooth™	Bluetooth 2.0 wireless, LED indicator										170-watt AC adapter RoHS-compliant International Warranty Service ¹⁷ 24 hour x 7 day ¹⁸ toll-free support during the warranty period ¹² via 800-426-7378			
Ethernet	Intel 82567LM Gigabit Network Connection (Boazman), PHY, PCIe x1													
Intel AMT	Intel Active Management Technology (IAMT 4.0)													
Audio support	High Definition (HD) Audio, AD1984HD codec / stereo speakers, 1 watt / volume up, down, mute buttons / digital microphone, microphone input jack, headphone jack													
Security	Power-on password, hard disk password, supervisor password, security keyhole										ThinkPlus™.22 2-year LOR 9x5 NBD 41C9175			
Security chip	Trusted Platform Module, integrated in ICH9M, TCG 1.2-compliant										ThinkPlus 3-year LOR 9x5 NBD 41C9176			
Fingerprint reader	Fingerprint reader on palm rest, swipe sensor, supports the security chip										ThinkPlus 4-year LOR 9x5 NBD 41C9177			
Limited warranty ¹²	3-year - EasyServ™.19 depot repair service / service upgrades ²² available										ThinkPlus 5-year LOR 9x5 NBD 41C9179			
1GB PC3-8500 DDR3 SODIMM	43R1987		W700 Series Li-Ion Battery 9-cell		45J7914		ThinkPad 170W AC Adapter		41R4421		ThinkPlus 4-year P&L P/U Depot		41C9178	
2GB PC3-8500 DDR3 SODIMM	43R1988		ThinkPad 17W Business Topload Case		43R9150		ThinkVision® USB Soundbar (up to 22")		40Y7616		ThinkPlus 5-year P&L P/U Depot		41C9178	
Blu-ray Burner Ultrabay Enh SATA 1.5Gb/s	43R9150		ThinkVision L1700p 17" Monitor		9417HE2		ThinkVision L1940p Wide 19" Monitor		4424HB6		Post-warranty annual maintenance agreements at		lenovo.com/thinkplus/warranty	
128GB SSD SATA 3.0Gb/s 1.8" (2.5" cover)	43N3406		ThinkVision L2240p Wide 22" Monitor		4422HB6		ThinkVision L2440p Wide 24" Monitor		4420HB2					
320GB Disk SATA 1.5Gb/s (5400 rpm)	43N3403													
USB 2.0 Ultra Secure Memory Key 8GB	45J5918													
ThinkPad W700 Mini Dock	43R8782													
Laser Tilt Wheel Travel Mouse (Bluetooth)	41U5008													
Other accessories on O-W700 sheet														

See footnotes for important warranty information
US models announced August 12, 2008

✦ Intel Centrino® 2 processor technology

© Lenovo
(NIC1-4) August 2008