



Lenovo ThinkCentre M58 Eco Ultra Small



Lenovo ThinkCentre M58 Eco Ultra Small with dual Lenovo ThinkVision monitors



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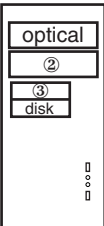
Lenovo ThinkCentre M58 Tower



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Name	Type-model	Slot x bay	Processor	GHz	Cores	Memory ⁸	SATA disk	SATA optical	Graphics	Monitor connectors	DisplayPort dongle	Intel vPro	Preload	Global Educ	Avail date
M58	9960-AJU	4x4	Core 2 Duo E7500	2.93	2	2GB	320GB ²	DVD±RW	GMA	VGA, DP	None	None	XP Pro	None	Aug 09

- This small and medium business (SMB) model is part of the US TopSeller™ Program
- This model has a 3-year limited warranty¹

Positioning	<i>Ultimate security, stability, and manageability for the enterprise</i>										Tower	
Processor	Intel® Core™ 2 Duo Processor E7500 with dual-core, 1066MHz system bus, and 3MB L2 cache										<ul style="list-style-type: none"> • Business black color; metal case • 6.9" W X 17.3" D X 15.8" H • 175mm W X 440mm D X 402mm H • 24.2 lb (11.0 kg) in max configuration • Handle on top front • Toolless cover removal • Toolless disk, diskette drive, optical drive removal • Toolless adapter retention 	
Implementation	Processor in FC-LGA8 package in LGA775 socket										Bay ① 5.25", 1.6" high, access, std optical Bay ② 5.25", 1.6" high, access, open Bay ③ 3.5", 1" high, access, open (reader/diskette) Bay ④ 3.5", 1" high, no access, std disk	
Memory	2GB std, 8GB max ⁸ , PC3-8500 1066MHz DDR3, non-parity, dual-channel capable, four 240-pin DIMM sockets; <i>Non-italics:</i> standard memory in one socket; 3 sockets available										Slot 1: half-length, full-height, PCIe 2.0 x16 (75w max) Slot 2: half-length, full-height, PCIe x1 Slot 3: half-length, full-height, 32-bit PCI 2.3 Slot 4: half-length, full-height, 32-bit PCI 2.3	
Graphics	Intel Graphics Media Accelerator 4500 (GMA 4500), integrated graphics in Q45, uses main memory (up to 1GB), one analog VGA DB-15 connector, one DisplayPort™ connector (supports single-link DVI-D via cable 45J7915), HDCP, DirectX® 10, supports dual independent display											
SATA disk	320GB, SATA 3.0Gb/s 7200 rpm, vibration dampening mounts											
SATA controller	Serial ATA, SATA 3.0Gb/s, integrated in ICH10DO, RAID 0/1											
SATA DVD±RW	Super Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive											
SATA cables	Two SATA cables (each 1-drop to device), three SATA connectors and one eSATA connector on planar											
eSATA port	None											
Diskette drive	None											
Media reader	None											
Chipset	Intel Q45 Express Chipset (PCI Express® 2.0 x16), I/O Controller Hub 10 Digital Office [ICH10DO] (SATA 3.0Gb/s with RAID 0/1 support, PCI Express x1, ethernet MAC, PCI 2.3, USB, LPC bus), SMSC® SCH5617 Super I/O											Security
Front ports	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)											<ul style="list-style-type: none"> • Security chip (see information on left) • One lock to secure both cover and entire system to fixed object: <ul style="list-style-type: none"> - Padlock loop (in rear for opt padlock) - Security slot (in rear for optional Kensington® Microsaver® cable) • Power-on password • Administrator password • Hard disk password (user and master) • Boot sequence control • Boot without diskette, keyboard • Serial port I/O control • Individual USB port disablement
Rear ports	Six USB 2.0, serial (9-pin), keyboard (PS/2), mouse (PS/2), ethernet (RJ-45), monitor (VGA DB-15, DisplayPort)											
Internal connector	Two USB 2.0 planar conn (1 used; one open for media reader or 2 rear USB ports)											
Rear audio ports	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone-in (stereo, 3.5mm)											
Audio	High Definition (HD) Audio, Analog Devices AD1882 codec											
Speaker	One internal speaker for business audio											
Ethernet	Gigabit ethernet on planar, Intel 82567LM, Wake on LAN®, ASF2.0, DASH 1.0											
Intel AMT	None											
Modem	None											
Security chip	Winbond® WPCT200 SafeKeeper™ Trusted Platform Module, TCG 1.2-compliant											
Keyboard	Preferred Pro USB Keyboard (USB connector), 104-key, black, Lenovo® logo											Supports ThinkVantage® technologies
Mouse	Optical Wheel Mouse (USB connector), black, Lenovo logo											
Power supply	280 watts with variable speed fan, manual switch, two diagnostic LEDs											GREENGUARD® certified RoHS-compliant
Preloaded operating system²⁰	Accessories											Limited Warranty¹
- Genuine Windows® XP Professional (preinstalled via downgrade rights in Windows Vista® Business)	1GB PC3-8500 DDR3 UDIMM 45J5434											↔ 3-year parts and labor
	2GB PC3-8500 DDR3 UDIMM 45J5435											↔ International Warranty Service⁹
	500GB SATA 3.0Gb/s Disk (7200 rpm) 43R1990											↔ Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts³, 8 am - 5 pm, Mon - Fri coverage excluding holidays, next business day response time)
	1TB SATA 3.0Gb/s Disk (7200 rpm) 45J7918											↔ Onsite service upgrade options (in eligible locations):⁷
	USB 2.0 Lenovo Multimedia Headset 40Y8518											• 3-year LOR 9x5, 4 hour response (ThinkPlus™ part number 41C9192)
	USB 2.0 Lenovo Webcam 40Y8519											• 3-year LOR 24x7, 4 hour response (ThinkPlus part number 41C9193)
	USB 2.0 Essential Memory Key 32GB 45K1258											• 4-year LOR 9x5, Next Business Day (ThinkPlus part number 41C9194)
	USB 2.0 Ultra Secure Memory Key 8GB 45J5918											• 4-year LOR 9x5, 4 hour response (ThinkPlus part number 41C9195)
	USB 2.0 Portable 160GB Hard Disk 43R1784											• 4-year LOR 24x7, 4 hour response (ThinkPlus part number 41C9196)
	USB 2.0 Portable Secure 320GB Hard Disk 43R2019											↔ ThinkPlus services at lenovo.com/thinkplus/warranty
	Super Multi-Burner DL DVD±RW SATA Drive 41N5620											↔ Post warranty maintenance services available
	Blu-ray™ Burner SATA 1.5Gb/s Drive 45K1675											↔ 24 hour x 7 day¹⁴ toll-free support during the warranty period¹ via 800-426-7378
	ThinkVision® L2440x Wide 24" Monitor 4421HB2											
	DisplayPort to Single-link DVI-D Cable 45J7915											
	DisplayPort to VGA Monitor Cable 57Y4393											
	Wireless Kbd & Opt Wheel Mouse (via USB) 73P4067											
	Lenovo USB Fingerprint Keyboard 73P4730											
	Laser Tilt Wheel Mouse (USB, PS/2) 41U3074											
	Kensington Twin Head Cable Lock 45K1620											
	ATI™ Radeon™ HD 2400 XT 256MB 43R1962											
	ATI Radeon HD 3470 256MB (DP, VGA) 45K1636											
	NVIDIA® GeForce® 9500GT 512MB (DP, DVI) 45K1635											
	NVIDIA Quadro® 256MB NVS 290 43R1765											
	NVIDIA Quadro 256MB FX 370 Full-Height 43R1766											
	NVIDIA Quadro 512MB FX 1700 43R1767											
	Acc Guide in pdf lenovo.com/accessoriesguide											
	Other accessories at lenovo.com/accessories											

See footnotes for important warranty information
US model announced July 14, 2009

Partial list of accessories supported on ThinkCentre M58 and M58p

Memory

Eco Ultra Small 8820/7359/7637/9961/7479/6136 use notebook memory:

1GB PC3-8500 DDR3 SODIMM (notebook)	43R1987	ann 08/05/08
1GB PC3-8500 DDR3 SODIMM (25-Pack)	51J0551	ann 03/17/09
2GB PC3-8500 DDR3 SODIMM (notebook)	43R1988	ann 08/05/08
2GB PC3-8500 DDR3 SODIMM (25-Pack)	51J0552	ann 03/17/09
1GB PC3-8500 DDR3 Low-Halogen SODIMM	55Y3706	ann 06/23/09
1GB PC3-8500 DDR3 L-H SODIMM (25-Pack)	57Y4385	ann 06/23/09
2GB PC3-8500 DDR3 Low-Halogen SODIMM	55Y3707	ann 06/23/09
2GB PC3-8500 DDR3 L-H SODIMM (25-Pack)	57Y4386	ann 06/23/09

Small 8910/7360/6258/7638/9964/7483/7220/6137/6234, and Tower 9960/7373/6239/9965/7484/7188/6138/6209 use desktop memory:

1GB PC3-8500 DDR3 UDIMM	45J5434	ann 11/18/08
2GB PC3-8500 DDR3 UDIMM	45J5435	ann 11/18/08

Optical

All:

DVD-ROM DL SATA 1.5Gb/s 16X-48X Max ⁴	41N5618	ann 09/26/06
Super Multi-Burner DL DVD±RW SATA Drive	41N5620	ann 09/26/06

Tower 9960/7373/6239/9965/7484/7188/6138/6209 support:

Blu-ray™ Burner SATA 1.5Gb/s Drive	45K1675	ann 03/31/09
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Storage and removable storage

160GB SATA 3.0Gb/s Disk (7200 rpm)	09N4254	ann 05/19/03
250GB SATA 3.0Gb/s Disk (7200 rpm)	41N3015	ann 01/24/06
500GB SATA 3.0Gb/s Disk (7200 rpm)	43R1990	ann 11/06/07
1TB SATA 3.0Gb/s Disk (7200 rpm)	45J7918	ann 08/19/08

USB Portable Diskette Drive	05K9276	ann 06/05/00
USB 2.0 Essential Memory Key 2GB	41U4944	ann 01/23/07
USB 2.0 Essential Memory Key 4GB	45J7904	ann 06/24/08
USB 2.0 Essential Memory Key 8GB	45J7905	ann 07/15/08
USB 2.0 Essential Memory Key 32GB	45K1258	ann 10/28/08
USB 2.0 Ultra Secure Memory Key 1GB	45J5915	ann 08/26/08
USB 2.0 Ultra Secure Memory Key 2GB	45J5916	ann 08/26/08
USB 2.0 Ultra Secure Memory Key 4GB	45J5917	ann 08/26/08
USB 2.0 Ultra Secure Memory Key 8GB	45J5918	ann 08/26/08
USB 2.0 Portable 160GB Hard Disk	43R1784	ann 09/23/08
USB 2.0 Portable 320GB Hard Disk	45K1689	ann 03/17/09
USB 2.0 Portable 500GB Hard Disk	45K1690	ann 05/26/09
USB 2.0 Portable Secure 160GB Hard Disk	43R2018	ann 11/18/08
USB 2.0 Portable Secure 320GB Hard Disk	43R2019	ann 11/18/08
USB 2.0 CD-RW/DVD-ROM Combo II Drive	40Y8637	ann 01/05/06
USB 2.0 Super Multi-Burner Drive	41N5565	ann 01/23/07

Graphics

Small 8910/7360/6258/7638/9964/7483/7220/6137/6234 support Low Profile:

ADD2 DVI-D Monitor Connection (HDCP)	43R1985	ann 11/06/07
ATI™ Radeon™ HD 2400 XT 256MB	43R1962	ann 11/06/07
ATI Radeon HD 3470 256MB (DP, VGA)	45K1636	ann 11/18/08
NVIDIA® Quadro® 256MB NVS 290	43R1765	ann 12/18/07
NVIDIA Quadro 256MB FX 370 Low-Profile	55Y9275	ann 07/28/09

Tower 9960/7373/6239/9965/7484/7188/6138/6209 support 75 watts max:

ADD2 DVI-D Monitor Connection (HDCP)	43R1985	ann 11/06/07
ATI Radeon HD 2400 XT 256MB	43R1962	ann 11/06/07
ATI Radeon HD 3470 256MB (DP, VGA)	45K1636	ann 11/18/08
NVIDIA GeForce® 9500 GT 512MB (DP, DVI)	45K1635	ann 11/18/08
NVIDIA Quadro 256MB NVS 290	43R1765	ann 12/18/07
NVIDIA Quadro 256MB FX 370 Full-Height	43R1766	ann 12/18/07
NVIDIA Quadro 512MB FX 1700	43R1767	ann 12/18/07

More information at www.lenovo.com/support/graphiccards

Keyboard

Preferred Pro USB Keyboard	73P5220	ann 06/21/05
Preferred Pro Full Size PS/2 Keyboard	31P7415	ann 06/04/02
Enhanced Performance USB Keyboard	73P2620	ann 03/23/04
Wireless Kbd & Opt Wheel Mouse (via USB)	73P4067	ann 12/07/04
USB Travel Keyboard with UltraNav™	31P9490	ann 04/27/04
Lenovo® USB Fingerprint Keyboard	73P4730	ann 02/22/05
Lenovo USB Smartcard Keyboard	51J0155	ann 03/24/09

More information at www.lenovo.com/support/keyboards

Mouse

Lenovo Mini Optical Mouse - Black (USB)	55Y9308	ann 05/19/09
Lenovo Mini Optical Mouse - White (USB)	55Y9309	ann 05/19/09
Optical Wheel Mouse (USB)	06P4069	ann 05/21/03
Optical ScrollPoint® Mouse (USB, PS/2)	31P7405	ann 08/27/02
Laser Tilt Wheel Mouse (USB, PS/2)	41U3074	ann 01/23/07
Lenovo Wireless Laser Mouse (blk, via USB)	45K1696	ann 11/25/08
Lenovo Wireless Laser Mouse (red, via USB)	51J0198	ann 11/25/08

More information at www.lenovo.com/support/mice

Multimedia

USB 2.0 Lenovo Multimedia Headset	40Y8518	ann 06/27/06
USB 2.0 Lenovo Webcam	40Y8519	ann 08/29/06

Security

Kensington® Cable Lock from Lenovo	73P2582	ann 12/29/03
Kensington Twin Head Cable Lock	45K1620	ann 09/30/08
USB Gemplus GemPC Smart Card Reader	41N3040	ann 02/21/06

Mounting Device

Eco Ultra Small 8820/7359/7637/9961/7479/6136 support under desk mounting device:

ThinkCentre Ultra Small Under Desk Mount	40Y8625	ann 09/06/05
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Monitors

ThinkVision® L174 17" Monitor	9227AE1	ann 04/15/08
ThinkVision L1700p 17" Monitor	9417HE2	ann 09/17/08
ThinkVision L1900p 19" Monitor	4431HE1	ann 11/11/08
ThinkVision L1940p Wide 19" Monitor	4424HB6	ann 09/17/08
ThinkVision L2240p Wide 22" Monitor	4422HB6	ann 09/17/08
ThinkVision L2440p Wide 24" Monitor	4420HB2	ann 09/17/08
ThinkVision L2440x Wide 24" Monitor	4421HB2	ann 09/17/08

More information at www.lenovo.com/thinkvision

Monitor Accessories⁴⁶

Eco Ultra Small 8820/7359/7637/9961/7479/6136 support:

Lenovo Vertical PC and Monitor Stand II	41R4474	ann 01/27/09
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All:

Lenovo USB-to-DVI Monitor Adapter	45K5296	ann 05/12/09
DisplayPort to Single-link DVI-D Cable	45J7915	ann 08/05/08
DisplayPort to VGA Monitor Cable	57Y4393	ann 08/04/09
ThinkVision USB Soundbar	40Y7616	ann 08/23/05
ThinkVision Soundbar	45K1263	ann 09/16/08
Kensington Cable Lock from Lenovo	73P2582	ann 12/29/03
Kensington Twin Head Cable Lock	45K1620	ann 09/30/08
Radial Arm	19K4464	ann 05/05/00

⁴⁶Compatible on selected Lenovo and ThinkVision monitors.

More information at www.lenovo.com/support/monitoraccessories

Medialess License Key (MLK)

Microsoft® Office 2007 Basic, English	43R1528	ann 07/03/07
Microsoft Office 2007 Small Business, Engl	43R1534	ann 07/03/07
Microsoft Office 2007 Professional, English	43R1531	ann 07/03/07

For more information on desktop accessories, please visit:

- www.lenovo.com/support/accessories
- www.lenovo.com/support/desktopaccessories
- www.lenovo.com/support/security

Other accessories at www.lenovo.com/accessories

Accessories Guide pdf at www.lenovo.com/accessoriesguide