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Detailed specifications - ThinkCentre M58 (type 6258, 6303, 7174, 7354, 7360, 7627, 7638, 8910) / M58p (type 6137, 6234, 7220, 7346, 7357, 7483, 7630, 9964)

Architecture

Communications

Expansion

Power

Certification

▪ Security

▪ Software

▪ Storage

▪ Video

Architecture

System board / Form factor

- Small Form Factor (2x3) with Intel Q45 and ICH10DO chipset
- Supports Intel Core™ 2 Duo processor with 2MB, 3MB, 4MB or 6MB L2 cache
- Supports Intel Core™ 2 Quad processor with 6MB or 12MB L2 cache
- Supports Intel Celeron® processor with 512KB L2 Cache
- Supports Intel Celeron® Dual Core processor with 512KB L2 cache
- Supports Intel Pentium® Dual Core processor with 1MB or 2MB L2 cache

Processor

- Intel Core™ 2 Duo processor
- Intel Core™ Quad processor
- Intel Celeron® Dual Core processor
- Intel Celeron®
- Intel Pentium® Dual core processor

Cache

- 512KB to 12MB cache processor dependent

Chipsets

- Intel Q45 and ICH10DO core chipset

Memory

- 1066 MHz DDR3 (Double Data Rate) dual channel memory support
- PC3-8500 memory supported
- Uses 512MB, 1GB or 2GB memory modules

Audio

- Integrated Audio Intel Q45
- Front - Audio-Out, Microphone-in
- Rear - Audio-out, Line-in, Microphone-in

Keyboard and mouse

- Lenovo Preferred Productivity Full Size Keyboard
- Preferred Productivity Fingerprint Keyboard
- USB Optical Wheel mouse (400 DPI)

Communications : Networking

- Intel PRO 100/1000 Gigabit Ethernet

Expansion

Bays

- One 3.5 inch slim (half-inch height) card reader bay (populated on selected models)
- One 3.5 inch standard size HDD bay (populated)
- One 5.25 inch standard size height optical (populated)

External ports

- Eight USB connectors (two on front panel and six on rear panel)
- Two internal high speed USB connectors
- One integrated VGA port
- One integrated Display port
- Ethernet (RJ-45) connector
- Ethernet (RJ-11) connector on selected models
- IEEE 1394 (on selected models)
- One standard eSATA connector
- Two audio connectors (microphone in and audio out) on front panel
- Three audio connectors (line in, audio out, and microphone in) on rear panel

Slots

- One half-length, low profile-height, PCI Express x16
- One full-length, low profile-height, 32-bit PCI 2.3 (5v)

Power

Power management

- Advanced Configuration and Power Interface (ACPI) support

Power supply

- 280 Watt auto-sensing power supply unit
- 280 Watt 85% plus auto-sensing power supply unit
- 115 to 230 Volt; 50 to 60 Hz

Security

- Security chip

- One lock to secure both cover and entire system
- Power-on password
- Administration password
- Hard disk password
- Boot sequence control
- Boot without keyboard, mouse, diskette
- USB/ Ethernet/ serial/ parallel/ SATA/ EIDE/ diskette enable or disable.
- Diskette write protect
- Front USB port disablement
- Cover intrusion switch (selected models)
- Disk, removable, and network device password
- Individual USB port disablement

Software : Operating system

- Windows Vista Home Basic 32
- Windows Vista Home Premium 32
- Windows Vista Business 32
- Windows Vista Ultimate 32
- Windows Vista Business 64
- Windows XP Preload with Vista COA
- DOS license

Navigate to the Support home page <http://support.lenovo.com/> and search or browse your product to get the drivers and software.

Storage

Optical drive

- DVD-ROM
- DVD Recordable

Hard drive features

- Supports 7200RPM Serial ATA
- Supports SSD (Solid State Drive)

Video

- Intel GMA4500
- HD3470 (RV620Pro) 256MB 64BIT ATX (VGA+DP)

Certification

- GREENGUARD
- EPEAT Gold (Selected Models)
- Energy Star 4.0 (Selected Models)
- USA FCC Mark
- Japan VCCI
- Chinese Taiwan BSMI
- EU/EFTA CE Mark &DoC
- UL/CUL
- TUV-GS
- IEC60950-1 CB Report/Certificate
- China CCC Mark
- PEP (International Certification)
- China RoHS
- EU RoHS
- EU WEEE
- California RoHS
- US Chemical Emission Test
- New York RoHS
- Japan J-MOSS
- Japan PC Green Label
- Japan Energy Saving
- China Energy Saving

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Yes

Somewhat

No

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