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Detailed specifications - ThinkCentre M58 (type 6239, 6302, 7244, 7355, 7373, 7628, 7639, 9960) / M58p (type 6138, 6209, 7188, 7347, 7358, 7484, 7635, 9965)

Architecture	▪ Security
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Architecture

System board / Form factor

- Tower (4x5) with Intel Q45 and Intel ICH10DO chipset
- Supports Intel Celeron Dual Core™ processor with 512KB L2 cache
- Supports Intel Celeron with 512KB L2 cache
- Supports Intel Core™ 2 Duo™ processor with 2MB, 3MB, 4MB or 6MB L2 cache
- Supports Intel Core™ 2 Quad™ processor with 4MB or 6MB L2 Cache
- Supports Intel Pentium Dual Core™ processor with 1MB or 2MB L2 cache

Processor

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

Cache

- 512KB to 12MB cache, processor dependent

Chipsets

- Intel Q45 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
- Preferred Productivity Full Size PS/2 Keyboard
- USB Optical Wheel mouse (400 DPI)
- PS/2 Three Button ball mouse

Communications

Networking

- Intel PRO 100/1000 Gigabit Ethernet

Expansion

Bays

- One 3.5 inch external accessible bay (FDD)
- Two 3.5 inch internal hidden bay (HDD)
- Two 5.25 inch external half-high bay (optical drives)

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
- Two PS/2 for keyboard and mice

Slots

- One half-length, full-height, PCI Express x16
- One half-length, full-height, PCI Express x1
- Two full-length, full-height, 32-bit PCI 2.3 (5v)

Power

Power management

- Advanced Configuration and Power Interface (ACPI) support

Power supply

- 280 Watt (Exclude Japan)
- Operation controlled by a switch on the back of the unit
- 280 Watt (Japan), 80% plus, auto-sensing power supply unit
- 450 Watt (Japan), 80% 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

Storage

Optical drive

- DVD-ROM
- DVD Recordable
- Blu-ray Recorder/HD-DVD player

Hard drive features

- 7200RPM Serial ATA supported
- Flash Solid State Drive

Video

- Intel GMA4500
- HD3470 (RV620 Pro)
- 9500GT 512MB 128BIT ATX (DVI-I+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

Please contact your local Lenovo Sales Representatives for more certifications in your area.

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Somewhat

No

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