

Detailed specifications - ThinkCentre M81 (type 0268, 1730, 4166, 4169, 5030, 5048, 5069,7517)

Applicable Countries/Regions

Worldwide

Product Information

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Architecture

System board / Form factor

- Tower (4x5) form factor

Processor

- Intel® Core i3-2100 Processor (3MB Cache, 3.10 GHz)
- Intel® Core i3-2100T Processor (3MB Cache, 2.5 GHz)
- Intel® Core i3-2120 Processor (3MB Cache, 3.30 GHz)
- Intel® Core i5-2300 Processor (6MB Cache, 2.8 GHz)
- Intel® Core i5-2390T Processor (3MB Cache, 2.7 GHz)
- Intel® Core i5-2400 Processor (6MB Cache, 3.10 GHz)
- Intel® Core i5-2400S Processor (6MB Cache, 2.50 GHz)
- Intel® Core i5-2500 Processor (6MB Cache, 3.30 GHz)
- Intel® Core i5-2500S Processor (6MB Cache, 2.70 GHz)
- Intel® Core i5-2500T Processor (6MB Cache, 2.30 GHz)
- Intel® Core i7-2600 Processor (8MB Cache, 3.40 GHz)
- Intel® Core i7-2600S Processor (8MB Cache, 2.80 GHz)

Cache

- 3MB to 8MB cache, processor dependent

Chipset

- Intel Q65 Chipset

Memory

- Supports 1GB, 2GB, 3GB, 4GB, 8GB, 16GB memory
- UDIMM, PC3-10600 1333MHz DDR3, four UDIMM slots

Audio

- Integrated Audio
- ALC662 chipset

Keyboard and mouse

- Lenovo Preferred Productivity Full Size Keyboard
- Lenovo Preferred Productivity Fingerprint Keyboard
- Lenovo Preferred Productivity Full Size PS2 Keyboard
- USB OptiCal Wheel Mouse - 400dpi
- PS2 ball mouse
- Edge mouse

Communications Networking

- Intel 82579 Ethernet Controller
- 56kbps Soft Modem V.90/V.44 - ATX
- PCIE 1 USB3.0 Adapter Card - FH

Expansion Drive bays

- One 3.5 inch external bay (Memory Card Reader)
- Two 3.5 inch internal bay (Hard Disk Drives)
- Two 5.25 inch external bay (Optical Disk Drives)

Standard I/O ports

- Eight high speed USB 2.0 - 2 (front), 6 (back)
- Two internal high speed USB 2.0 (front)
- Two audio connectors (microphone in and audio out) on front panel
- One integrated VGA port
- One integrated display port
- Ethernet connector
- Three audio connectors (line in, audio out, and microphone in) on rear panel
- Two PS/2 for keyboard and mice

Slots

- Two full-height PCI
- One full-height PCI Express x1
- One full-height PCI Express x16

Power Power management

- Advanced Configuration and Power Interface (ACPI) support

Power supply

- 320W, 90plus, auto-sensing
- 280W, 85plus, auto-sensing
- 115 to 230 Volt; 50 to 60 Hz

Security

- Security chip (standard)
- Trusted Platform Module (TPM1.2) (standard)
- Individual USB port disablement
- Ease-of-use attributes:

- Tool-less top cover - rotates about rear top edge
- Tool-less Hardfile and Optical Retention
- Tool-less PCI Card Retention
- Tool-less Riser Card Retention
- Tool-less Graphics Card Retention
- Chassis intrusion switch
- Computrace support
- Kensington slot (in rear for attachment of optional Kensington® Microsaver® cable)
- Padlock loop
- eSATA port disablement

Software

Operating system

- Windows 7 Home Premium Service Pack (SP)1 (32-bit and 64-bit)
- Windows 7 Professional Service Pack (SP)1 (32-bit and 64-bit)
- Windows 7 Home Basic Service Pack (SP)1 (32-bit)
- Windows 7 Starter
- Windows 7 Ultimate (32-bit and 64-bit) US only for Special Bid support
- Windows Vista Business Service Pack (SP)2 (32-bit) with IE8 English only
- Windows Vista Home Basic Service Pack (SP)2 (32-bit) with IE8
- Windows XP Service Pack (SP)3 Pro with IE8 preloads for Windows 7 Downgrade - English only - Special bid

Storage

Optical drive

- DVD-ROM
- DVD Recordable
- Blu-ray Recordable

Media Card Reader

- USB 2.0 Mass Storage Device (Flash)

Hard drive features

- 7200RPM, 10KRPM Serial ATA supported
- Flash Solid State Drive
- Supports 160GB, 250GB, 320GB, 500GB and 1TB

Video

- Integrated Graphics Adapter (Intel HD Graphics 2000)
- ATI Radeon HD5450