ThinkCentre M79 SFF Platform Specifications

Processor AMD A4, A6, A8, or A10 series APUs

APU	Cores	Frequency (Max/Base)	L2 Cache	Memory Types	Integrated Graphics
A4-6300B	2	3.9 / 3.7	1MB	DDR3-1600	HD 8370D
A4 PRO-7300B	2	4.0 / 3.8	1MB	DDR3-1600	HD 8470D
PRO A4-8350B	2	3.9 / 3.5	1MB	DDR3-1866	Radeon R5 Series
A6-6400B	2	4.1 / 3.9	1MB	DDR3-1866	HD 8470D
A6 PRO-7400B	2	3.9 / 3.5	1MB	DDR3-1866	Radeon R5 Series
PRO A6-8550B	2	4.0 / 3.7	1MB	DDR3-2133	Radeon R5 Series
A8-6500B	4	4.1 / 3.5	4MB	DDR3-1866	HD 8570D
A8 PRO-7600B	4	3.8 / 3.1	4MB	DDR3-2133	Radeon R7 Series
PRO A8-8650B	4	3.9 / 3.2	4MB	DDR3-2133	Radeon R7 Series
A10 PRO-7800B	4	3.9 / 3.5	4MB	DDR3-2133	Radeon R7 Series
PRO A10-8750B	4	4.0 / 3.6	4MB	DDR3-2133	Radeon R7 Series

Memory 32GB max, UDIMM, PC3-12800 1600MHz DDR3, four 240-pin DIMM sockets

Disk
Some: SATA 6.0Gb/s, 3.5" Wide, 7200 rpm
Some: hybrid hard disk / with 8GB MLC NAND flash memory, SATA 6.0Gb/s, 5400 rpm 2.5" wide or 7200 rpm 3.5" wide
Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide

Optical
Some: DVD-ROM SATA 1.5Gb/s Drive
Some: Super Multi-Burner DVD±RW SATA 1.5Gb/s Drive

Onboard SATA SATA 6.0Gb/s controller, three connectors on planar, RAID 0/1 support (only applicable on dual SSD models)

Media reader Optional 7-in-1 single slot media card reader

Graphics **AMD Radeon™ Graphics** in processor, uses main memory, one VGA, one DisplayPort™, one optional DP, supports up to three independent displays, works along with optional discrete graphics to support up to five independent displays;
Maximum resolution: 1920x1200 (VGA)@60Hz; 2560x2048 (DisplayPort)@60Hz
Some: **AMD Radeon HD 8570**, DirectX 11, 3D Hardware Acceleration, 2GB, PCI Express 3.0 x16 adapter (8x elec), one VGA, one HDMI, 40W;
Max resolution: 4096x2160 (HDMI)@24Hz; 2048x1536 (VGA)@85Hz
Some: **NVIDIA® Geforce® GT 620**, DirectX 11, 3D Hardware Acceleration, 1GB, PCI Express 2.0 x16 adapter, one VGA, one DisplayPort, 30 watts;
Max resolution: 2560x1600 (DisplayPort)@60Hz; 2048x1536 (VGA)@85Hz
Some: **AMD Radeon™ HD 7450**, DirectX 11, 3D Hardware Acceleration, 1GB, PCI Express 2.0 x16 adapter, one DVI-I (includes DVI-to-VGA dongle), one DisplayPort, 25 watts;
Max resolution: 2560x1600 (DisplayPort, DVI-I)@60Hz

DP cable Optional DisplayPort to DVI-D monitor cable

Chipset **AMD A78 FCH**

Front ports Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)
Rear ports Up to six USB ports (2x USB 3.0 + 2x USB 2.0 + 2x optional USB 2.0), serial (9-pin), optional 2nd serial (9-pin), optional parallel (25-pin), ethernet (RJ-45), VGA, DisplayPort (1x standard + 1x optional), two PS/2 ports
Rear audio ports Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone (stereo, 3.5mm)
IEEE 1394 Optional FireWire PCIe adapter, 1394a-2000, 400Mbps, two 6-pin ports on rear

Audio support High Definition (HD) Audio, Realtek ALC662 / internal speaker (1watt)

WLAN[13]
Some: 11b/g/n wireless, Realtek RTL8723BE, Wi-Fi + BT 4.0 combo, 1x1
Some: 11b/g/n wireless, Realtek RTL8192EE, Wi-Fi + BT 4.0 combo, 2x2
Some: 11ac/b/g/n wireless, Broadcom BCM4352, 2.4/5GHz, Wi-Fi + BT 4.0, 2x2

Bluetooth™ *Some:* Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter
Ethernet One gigabit ethernet port, Realtek 8111EPV, Wake on LAN®
Modem None

Manageability Enhanced Manageability with DASH 1.1
Security chip Trusted Platform Module, TCG 1.2-compliant

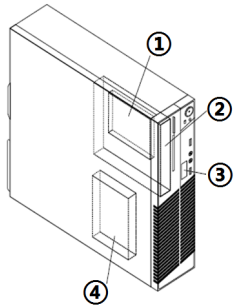
Security features
- Padlock loop (in rear for opt padlock)
- Security slot (in rear for optional Kensington® MicroSaver® cable)
- Administrator password
- Hard disk password
- Boot sequence control
- Cable lock to physically lock both keyboard and mouse (optional)
- Power-on password
- Boot without keyboard and mouse
- Individual USB port disablement
- Optional Chassis intrusion switch

Keyboard
Some: Preferred Pro USB Keyboard (USB connector), Lenovo logo
Some: Lenovo USB Fingerprint Keyboard (USB connector)
Some: Ultraslim Plus Wireless Keyboard (2.4GHz via USB receiver), black

Mouse
Some: Enhanced Optical USB Mouse, black, Lenovo logo
Some: Ultraslim Plus Wireless Mouse (2.4GHz via USB receiver), black

Mechanical
- Business black color; metal case, 11L
- 13.2" W X 15.0" D X 3.9" H
- 335mm W X 382mm D X 101mm H
- 14.6 lb (6.6 kg) in maximum configuration

Bay 1: N/A, N/A, internal, opt SSD
Bay 2: 5.25", 1.6" high, external, std optical
Bay 3: N/A, N/A, external, opt reader
Bay 4: 3.5", 1" high, internal, std disk
*bay only available on models with HDD/SSD/reader installed
Slot 1: Low Profile, PCI Express 3.0 x16 (40w max)
Slot 2: Low Profile, PCIe 2.0 x1
Slot 2: Low Profile, PCIe 2.0 x1
Slot 4: Low Profile, 32-bit PCI 2.3



Floor Stand Optional system floor stand for vertical orientation

Power supply
Some: 180 watts, autosensing, 100-240V (50-60Hz)
Some: 240 watts, autosensing, 100-240V (50-60Hz)
Some: 240 watts, autosensing, 85% PSU, 100-240V (50-60Hz)

Limited warranty[3]
Some: **3-years**, **limited onsite service** / service upgrades available
Some: **3-years**, **limited onsite service, OID** (Onsite International Delivery) / service upgrades available
For Lenovo service upgrade options, please go to S-TC sheet

Preload
Some: Windows® 7 Professional 32/64 preinstalled through downgrade rights in Windows 8.1 Pro 64-bit
Some: Windows 7 Professional 32
Some: Windows 7 Professional 64

Ready to install applications (only some listed)
- Rescue and Recovery™
- Password Manager

Preloaded applications (only some listed)
- ThinkVantage® Product Recovery
- ThinkVantage System Update
- ThinkVantage Communication Utility
- ThinkVantage Device Experience
- Desktop Power Manager
- View Management Utility
- Lenovo Solution Center
- Lenovo Message Center Plus
- Norton™ Internet Security (30 days of virus definitions)
- Adobe® Reader®
- Skype™
- Microsoft Office preloaded; purchase a product key to activate
- Cyberlink Power2Go (DVD±RW)
- Cyberlink PowerProducer (DVD±RW)
- Evernote®
- Nitro Pro

Some: Windows 8.1 64-bit
Some: Windows 8.1 Pro 64-bit
Some: Windows 10 Pro 64-bit

Preloaded applications (only some listed)
- Desktop Power Manager
- Lenovo Solution Center
- Lenovo Companion
- Lenovo SHAREit
- Lenovo REACHit
- McAfee® LiveSafe™(30-day trial)
- Microsoft Office preloaded; purchase a product key to activate
- Cyberlink PowerDVD (DVD±RW, DVD)
- PowerDVD Create (DVD±RW)
- PC Device Stage

Environment ENERGY STAR® 6.0 (Need 85% PSU and Windows OS);
EPEAT™ Gold rating (Need 85% PSU and Windows OS);
GREENGUARD®; RoHS-compliant; Cisco EnergyWise compatible; ErP Lot 3

Accessories For compatible accessories, please go to TC-AQP sheet

(ALSK1-SFF) September 2015 © Lenovo