ThinkCentre M93 M93p Tiny 10AA0022++

Region
WE

Machine Type
10AA

TopSeller
No

Processor
i5-4570T

Memory
4GBx1

Storage
500GB 5400 rpm

External optical / I/O box
None

Graphics
Intel HD Graphics 4600

WLAN
Intel 2230 b/g/n

Optional port
HDMI

DP to DVI Dongle
None

Chassis intrusion switch
Switch

Security cable
None

Floor stand
Stand

VESA mount
None

Keyboard / mouse
USB

Global(G)
G

Intel vPro
vPro

Preload
Windows 7 Pro64 DG Windows 8

Warranty
3-year, onsite, OID

Ann date (mm/dd/yy)
07/13

Note:
Country Code "US" is for United States, "++" is for EMEA countries (e.g. AD - Saudi, Arabia, AT - Austria, BM - Bulgaria, etc.), "xx" is for EAST countries (e.g. BM - Bulgaria, CX - Hungary, CY - Cyprus, etc.), and "**" is for MEA countries (e.g. AD - Saudi, Arabia, ED - Egypt, EQ - Sweden, etc.). Please be aware that the EMEA/ EAST/MEA models listed above might not be available in all countries

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ThinkCentre M93/M93p Tiny Platform Specifications

Product Specifications Reference (PSREF)

Processor

4th Generation Intel® Core™ i3 / i5 / i7 Processors

Processor	Cores / Threads	Frequency (Base/Max)	Cache	Memory Types	Integrated Graphics
Core i3-4150T	2 / 4	3 GHz	3 MB	DDR3-1600	HD 4400
Core i3-4130T	2 / 4	2.9 GHz	3 MB	DDR3-1600	HD 4400
Core i5-4570T	2 / 4	2.9 GHz / 3.6 GHz	4 MB	DDR3-1600	HD 4600
Core i5-4590T	4 / 4	2 GHz / 3 GHz	6 MB	DDR3-1600	HD 4600
Core i7-4765T	4 / 8	2 GHz / 3 GHz	8 MB	DDR3-1600	HD 4600
Core i7-4785T	4 / 8	2.2 GHz / 3.2 GHz	8 MB	DDR3-1600	HD 4600

Memory

16GB max, **PC3-12800 1600MHz DDR3**, two 204-pin SODIMM sockets (notebook)

Disk

Some: SATA 3.0Gb/s, 2.5" Wide, 5400 rpm
Some: SATA 6.0Gb/s, 2.5" Wide, 7200 rpm
Some: 500GB (5400 rpm) Solid State Hybrid Drive (SSHD) / with 8GB MLC NAND flash memory, SATA 6.0Gb/s, 2.5" wide
Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide

Optical

Some: external USB optical box with slim DVD-ROM, 12.7mm high, tray-in
Some: external USB optical box with slim DVD±RW, 12.7mm high, tray-in
Some: external USB optical box with slim DVD±RW, 9.5mm high, tray-in, for TIO 23

Onboard SATA

One SATA cable (1-drop to device), one SATA 6.0Gb/s connector on planar

Media reader

None

Graphics

Intel HD Graphics 4400/4600 in processor, uses main memory, DirectX® 11, one VGA, one DisplayPort™, one optional HDMI or one optional 2nd DisplayPort on select models, supports up to triple independent display;
Max resolution: 3840x2160 (DP)@60Hz [HD 4x00]; 2560x1600 (DP)@60Hz [Intel HD]; 1920x1080 (HDMI)@60Hz; 1920x1200 (VGA)@60Hz (Reduced Blanking)

DP cable

Optional DisplayPort to DVI-D monitor cable

Chipset

Intel Q87 Chipset

Front ports

Two USB 3.0 (one Always On / Powered), one microphone (stereo, 3.5mm), one headphone / microphone combo jack (stereo, 3.5mm)

Rear ports

Three USB 3.0 (optional external optical box or external I/O box occupies one specific USB 3.0 on some models), ethernet (RJ-45), VGA DB-15, DisplayPort , one optional port (USB 2.0 / serial / 2nd DisplayPort / HDMI on selected models)

I/O box

Optional external I/O box, extends four USB 2.0 (two on front and two on rear), one serial, and two PS/2 (for keyboard and mouse), via USB 3.0 port

Audio support

High Definition (HD) Audio, Realtek ALC283 / internal speaker (1.5 watt)

WLAN[13]

Some: 11b/g/n wireless, PCIe Half Mini Card, Intel Centrino® Wireless-N 105, 1x1
Some: 11b/g/n wireless, PCIe Half Mini Card, Intel Centrino Wireless-N 2230, Wi-Fi + Bluetooth combo adapter, 2x2
Some: 11a/b/g/n wireless, PCIe Half Mini Card, Intel Centrino Advanced-N 6235, Wi-Fi + Bluetooth combo adapter, Intel vPro technology support, 2x2
Some: 11b/g/n wireless, PCIe Half Mini Card, Intel Centrino Wireless-N 7260, Wi-Fi + Bluetooth 4.0 combo adapter, 2x2
Some: 11ac/a/b/g/n, PCIe Half Mini Card,Intel Dual Band Wireless-AC 7260, Wi-Fi + BT combo 4.0 adapter, Intel vPro technology support, 2x2

Bluetooth™

Some: Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter

Ethernet

One gigabit ethernet port, Intel I217-LM (Clarkville), Wake on LAN®

Modem

None

Manageability

Intel Active Management Technology 9.0 (Intel AMT 9.0);
Intel vPro technology on some models (require choosing a vPro-support Wi-Fi adapter to enable vPro function through wireless connection)

Security chip

Trusted Platform Module, TCG 1.2-compliant

Security features

- Security slot (in rear for optional Kensington® MicroSaver® cable)
- Power-on password
- Administrator password
- Hard disk password
- Boot sequence control
- 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

Tiny (1L), business black color; metal case

M93/p Tiny only	7.0" W X 7.2" D X 1.4" H 179mm W X 182mm D X 34.5mm H 2.9 lb (1.3 kg), weight may vary by configuration
M93/p Tiny with VESA mount & optical box	7.2" W X 7.2" D X 2.55" H 184mm W X 182mm D X 65mm H 5.1 lb (2.3 kg), weight may vary by configuration

VESA mount

Optional VESA mount bracket kit, supports VESA 75mm and 100mm

Floor Stand

Optional system floor stand for vertical orientation

Power supply

65 watts AC/DC adapter, autosensing, 88% PSU (not included for TIO models)

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

Preloaded operating system

Some: Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit
Some: Windows® 7 Professional 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
- Desktop Power Manager
- View Management Utility
- Lenovo Cloud Storage by SugarSync
- 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 PowerDVD (DVD±RW, DVD)
- Cyberlink Power2Go (DVD±RW)
- Cyberlink PowerProducer (DVD±RW)
- Evernote
- Intel AppUp
- Intel Small Business Advantage
- Nitro Pro

Environment

ENERGY STAR® 6.0; EPEAT™ Gold rating (U.S.);
ULE Gold; GREENGUARD® certified; RoHS-compliant;
Cisco EnergyWise compatible

Accessories

For compatible accessories, please go to TC-AQP sheet

See footnotes for more detailed information

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