ThinkCentre M93z AIO 10AF0018++

Region
WE

Machine Type
10AF

TopSeller
TopSeller

Processor
i3-4150

Memory
4GBx1

Display
23.0" FHD

Camera
2.0M

Storage
500GB 7200 rpm

Optical
DVD±RW

Graphics
Intel HD Graphics 4400

Multi-touch
No

WLAN
Intel N7260 b/g/n

Media reader
Media

Light sensor
Light sensor

Serial &PS/2 port
None

Chassis Intrusion switch
Switch

Stand type
Monitor

Keyboard / Mouse
USB

Intel vPro
None

Global(G)
None

Preload
Win7 Pro64 DG Win8.1

Warranty
3-year, onsite

Ann date (mm/yy)
07/14

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 M93z Platform Specifications

Processor

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

Processor	Cores / Threads	Frequency (Base/Max)	Cache	Memory Types	Integrated Graphics
Pentium G3220	2 / 2	3 GHz	3 MB	DDR3-1333	Intel HD
Pentium G3240	2 / 2	3.1 GHz	3 MB	DDR3-1333	Intel HD
Core i3-4130	2 / 4	3.4 GHz	3 MB	DDR3-1600	HD 4400
Core i3-4150	2 / 4	3.5 GHz	3 MB	DDR3-1600	HD 4400
Core i3-4330	2 / 4	3.5 GHz	4 MB	DDR3-1600	HD 4600
Core i5-4430S	4 / 4	2.7 GHz / 3.2 GHz	6 MB	DDR3-1600	HD 4600
Core i5-4440S	4 / 4	2.8 GHz / 3.3 GHz	6 MB	DDR3-1600	HD 4600
Core i5-4460S	4 / 4	2.9 GHz / 3.4 GHz	6 MB	DDR3-1600	HD 4600
Core i5-4570S	4 / 4	2.9 GHz / 3.6 GHz	6 MB	DDR3-1600	HD 4600
Core i5-4570T	2 / 4	2.9 GHz / 3.6 GHz	4 MB	DDR3-1600	HD 4600
Core i5-4590S	4 / 4	3 GHz / 3.7 GHz	6 MB	DDR3-1600	HD 4600
Core i5-4670S	4 / 4	3.1 GHz / 3.8 GHz	6 MB	DDR3-1600	HD 4600
Core i7-4770S	4 / 8	3.1 GHz / 3.9 GHz	8 MB	DDR3-1600	HD 4600
Core i7-4790S	4 / 8	3.2 GHz / 4 GHz	8 MB	DDR3-1600	HD 4600

Memory

16GB max, **PC3-12800 1600MHz DDR3***, two 204-pin SODIMM sockets (notebook)
*System automatically clocks down for processors with1333MHz memory controller

Disk

Some: SATA 6.0Gb/s, 3.5" Wide, 7200 rpm
Some: 500GB (5400 rpm, 2.5" wide) or 1TB (7200 rpm, 3.5" wide) Solid State Hybrid Drive (SSHD) / with 8GB MLC NAND flash memory, SATA 6.0Gb/s
Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide

Optical

Some: DVD, SATA 1.5Gb/s, 12.7mm high
Some: DVD burner, SATA 1.5Gb/s, 12.7mm high

Media reader

Optional 11-in-1 media card reader

Graphics

Intel HD Graphics or **Intel HD Graphics 4400/4600** in processor, uses main memory, DirectX® 11, external monitor support via DisplayPort™, supports dual independent display;
Max resolution: 3840x2160 (DP)@60Hz [HD 4x00];
2560x1600 (DP)@60Hz [Intel HD]

Display

23.0" (584.2mm) **Full HD 1080p (1920x1080) TFT color**, IPS panel, wide viewing angle (+/- 89°), LED backlight, 250 nits, 16:9 aspect ratio, 1000:1 contrast ratio, anti-glare, work as standalone monitor via VGA-in connector

Light sensor

Optional ambient light sensor

Multi-touch

Optional Projected Capacitive Touch (PCT) technology, supports 10-point touch

Camera

Camera on top of screen, 2.0-megapixel, fixed focus, supports 1080p, with dual array digital microphone, LED indicator, physical switch on/off

Controls

Microphone mute (OSD exit), monitor mode switch (OSD enter), volume up/down buttons (OSD left/right buttons), and power button

Chipset

Intel Q87 Chipset

Rear ports

Four USB 3.0, ethernet (RJ-45), DisplayPort-out, VGA-in, optional serial (9-pin), optional keyboard (PS/2), optional mouse (PS/2)

Side ports

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

PCIe Mini Card

One PCI Express Mini Card slot (half size, for WLAN)

Audio support

High Definition (HD) Audio, Realtek ALC283 / two internal stereo speakers (3W x 2), Dolby® Advanced Audio™ v2 certified, Microsoft Lync™ certified

WLAN[13]

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

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 (TPM 1.2-compliant)

Security features

- Security slot (in rear for attachment of optional Kensington® MicroSaver® cable; Kensington lock also locks chassis)
- Power-on, Admin, 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: 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
- Toolless back cover, stand, disk, optical drive, memory removal
- Support VESA mount (100mm)

Optional Stand	Dimensions (WxDxH)	Weight	Adjustments
Non-touch model(s) with frame stand:	22.4 X 3.6 X 17.6 (inch); 568 X 92.5 X 447.3 (mm)	21.3 lb; 9.68 kg	Tilt: 10° to 45° back
Multi-touch model(s) with frame stand:	22.4 X 3.7 X 17.6 (inch); 568 X 93.1 X 447.3 (mm)	24.7 lb; 11.22 kg	
Non-touch model(s) with monitor stand:	22.4 X 9.7 X 17.4 to 21.7 (inch); 568 X 247 X 441.2 to 551.2 (mm)	25.5 lb; 11.58 kg	Tilt: 45° back, -5° forward; Lift: 110mm; Swivel: +/-45°
Multi-touch model(s) with monitor stand:	22.4 X 9.7 X 17.4 to 21.7 (inch); 568 X 247 X 441.2 to 551.2 (mm)	28.9 lb; 13.12 kg	

Power supply

150 watts, autosensing, 85% PSU

Limited warranty[3]

Some: **3-year, depot repair service**
Some: **1-year** or **3-years**, **limited onsite service**
Some: **3-years**, **limited onsite service, OID** (Onsite International Delivery) /
For Lenovo service upgrade options, please go to S-TC sheet

Preload

Some: Windows® 7 Professional 64
Some: Windows 7 Professional 64 preinstalled through downgrade rights in Windows 8/8.1 Pro 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
- ThinkVantage AutoLock
- Desktop Power Manager
- View Management Utility
- Lenovo Solution Center
- 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
- Lenovo Solutions for Small Business
- Nitro Pro

Some: Windows 8 Pro 64-bit
Some: Windows 8.1 Pro 64-bit

Web install applications (only some listed)

- Password Manager

Preloaded applications (only some listed)

- ThinkVantage System Update
- ThinkVantage AutoLock
- Desktop Power Manager
- View Management Utility (for WIndows 8 only)
- Lenovo Solution Center
- Lenovo Support
- Norton Internet Security (30 days of virus definitions)
- Skype™
- Microsoft Office preloaded; purchase a product key to activate
- Cyberlink PowerDVD (DVD±RW, DVD)
- Cyberlink Power2Go (DVD±RW)
- Cyberlink PowerProducer (DVD±RW)
- Evernote®
- Lenovo Solutions for Small Business
- Nitro Pro
- AccuWeather
- Norton™ Studio
- Pokki (for WIndows 8.1 only)
- Hightail (for WIndows 8.1 only)

Environment

EPEAT™ Gold rating; ENERGY STAR® 6.0-compliant; TCO Certified Edge; TUV Green Mark; ULE Gold; EuP 2013; Cisco EnergyWise compatible; GREENGUARD® certified; RoHS-compliant

Accessories

For compatible accessories, please go to TC-AQP sheet

See footnotes for more detailed information

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