ThinkCentre M93z AIO 10AF0017++

Region
WE

Machine Type
10AF

TopSeller
TopSeller

Processor
i5-4460S

Memory
4GBx1

Display
23.0" FHD

Camera
2.0M

Storage
500GB 7200 rpm

Optical
DVD±RW

Graphics
Intel HD Graphics 4600

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
Frame

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

www.lenovo.com

This publication was developed for products and services offered in the United States and E.M.E.A countries. Lenovo may not offer the products, services or features discussed in this document in other countries. Lenovo may withdraw an offering at any time. Information is subject to change without notice. Consult your local representative for information on offerings available in your area. Lenovo reserves the right to change specifcations or other product information without notice. Lenovo is not responsible for photographic or typographical errors. Lenovo provides this publication “as is” without warranty of any kind, either express or implied, including the implied warranties of merchantability or ftness for a particular purpose.

http://psref.lenovo.com
Visit psref website for the latest version of Product Specifcations Reference.

© Lenovo, 2017. All rights reserved.



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

© Lenovo

ThinkCentre M93z AIO











