ThinkCentre M810z AIO 10NY001F++

Region
EMEA

Machine Type
10NY

TopSeller
TopSeller

Processor
Core i3-7100 (2C, 3.9GHz, 3MB)

Graphics
Integrated Intel HD Graphics 630

Monitor Cable
None

Memory
8GBx1

Display
21.5" FHD (1920x1080) WVA Anti-glare

Multi-touch
None

Power Supply
150W 85% Adapter

Storage
256GB SSD M.2 PCIe NVMe

Optical
DVD±RW

Media Reader
9-in-1

USB Type-C
None

WLAN + Bluetooth
Intel 8265 ac, 2x2 + BT4.1

Optional Rear Ports
None

Camera
1080p

Chassis Intrusion Switch
Chassis Intrusion Switch

Cable Lock
None

Keyboard / Mouse
USB / USB

Stand
UltraFlex II Stand

Operating System
Windows 10 Pro 64

Warranty
3-year, Onsite

Global
No

End of Support
May 7, 2023

Ann Date (mm/yy)
04/17

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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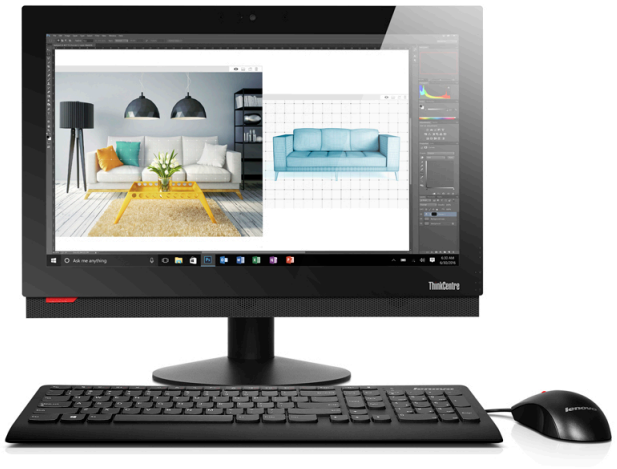

ThinkCentre M810z Platform Specifications

Processor

Intel® Celeron®, Intel Pentium®, or 6th / 7th Gen Intel Core™ i3 / i5 / i7 Processor

Processor	Cores / Threads	Frequency Base/Max(GHz)	Cache	Memory Support (Up to)	Integrated Graphics
Pentium G4400	2 / 2	3.3G	3 MB	DDR4-2133	HD 510
Pentium G4560	2 / 4	3.5G	3 MB	DDR4-2400	HD 610
Pentium G4600	2 / 4	3.6G	3 MB	DDR4-2400	HD 630
Core i3-6100	2 / 4	3.7G	3 MB	DDR4-2133	HD 530
Core i5-6500	4 / 4	3.2G / 3.6G	6 MB	DDR4-2133	HD 530
Core i7-6700	4 / 8	3.4G / 4.0G	8 MB	DDR4-2133	HD 530
Core i3-7100	2 / 4	3.9G	3 MB	DDR4-2400	HD 630
Core i5-7400	4 / 4	3.0G / 3.5G	6 MB	DDR4-2400	HD 630
Core i5-7500	4 / 4	3.4G / 3.8G	6 MB	DDR4-2400	HD 630
Core i5-7600	4 / 4	3.5G / 4.1G	6 MB	DDR4-2400	HD 630
Core i7-7700	4 / 8	3.6G / 4.2G	8 MB	DDR4-2400	HD 630

Memory

32GB max, DDR4-2400*, two 260-pin SO-DIMM sockets, dual-channel capable
* System clocks down for the processors with lower memory controller

Storage

Some: Hard Drive / SATA 6.0Gb/s, 2.5", 5400 rpm or 7200 rpm
Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5"
Some: M.2 Solid State Drive (SSD) / PCIe NVMe, PCIe 3.0 x 4, 32Gb/s
Some: Intel Optane™ Memory (models with 7th gen Core processor), M.2

Optical

Some: DVD-ROM SATA 1.5Gb/s Drive, slim (9.5mm)
Some: DVD Burner (DVD±RW), SATA 1.5Gb/s Drive, slim (9.5mm)

Media reader

Optional 9-in-1 media card reader

Graphics

Intel HD Graphics 510/530/610/630 in processor, uses main memory, DirectX® 12, external monitor support via DisplayPort™;
Max resolution: 4096x2304 (DP)@60Hz, 1920x1080 (Panel)@60Hz

Display

21.5" (546.1mm) **Full HD 1080p (1920x1080) TFT color**, MVA panel, wide viewing angle (+/- 89°), LED backlight, 250 nits, 16:9 aspect ratio, 1000:1 contrast ratio, anti-glare, support Low Blue Light Mode

Multi-touch

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

Camera

Optional 1080p camera, fixed focus, with dual microphone, LED indicator, physical switch on/offf

Controls

Physical buttons for Microphone mute, brightness up/down, and power on/off

Chipset

Intel B250 Chipset

Rear ports
Side ports

Four USB 3.1 Gen1, ethernet (RJ-45), DisplayPort, optional serial (9-pin),
Two USB 3.1 Gen1 (one is Always On and fast charge), optional card reader, one headphone / microphone combo jack (3.5mm)

M.2 card slot

Two M.2 Card slots (one for WLAN, one for SSD/Optane)

Audio support

High Definition (HD) Audio, Realtek ALC233 / two internal speakers (2W x 2), Dolby® Audio™ certified

WLAN[13]

Some: 11ac wireless, M.2 Card, Qualcomm Atheros QCA9377A (dual band), Wi-Fi + Bluetooth 4.1 combo adapter, 1x1
Some: 11ac wireless, M.2 Card, Qualcomm Atheros QCA6174A (dual band), Wi-Fi + Bluetooth 4.1 combo adapter, 2x2
Some: 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 3165, Wi-Fi + Bluetooth 4.1 combo adapter, 1x1
Some: 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 8265, Wi-Fi + Bluetooth 4.1 combo adapter, 2x2

Bluetooth™

Some: Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter

Ethernet

Gigabit ethernet, Realtek RTL8111G, Wake on LAN®

Manageability

None

Security chip

TPM (Trusted Platform Module) 2.0, TCG Certified
* Downgrade to TPM1.2 for the models with Win10 DG Win7 32 OS

Security features

- Security slot (in rear for attachment of optional Kensington® MicroSaver® cable; Kensington lock also locks chassis)
- Smart USB protection, allows keyboard/ mouse only, blocks all storage devices
- Optional cable lock to physically lock keyboard and mouse
- Power-on, admin, hard disk password
- Boot sequence control
- Boot without keyboard and mouse
- Individual USB port disablement
- Optional Chassis intrusion switch

Keyboard

Some: Lenovo Calliope Keyboard (USB connector), black
Some: Lenovo Traditional Keyboard (USB connector), black
Some: Lenovo Calliope Wireless Keyboard (2.4GHz via USB receiver), black

Mouse

Some: Lenovo Calliope Mouse (USB connector), black
Some: Lenovo Calliope Wireless Mouse (2.4GHz via USB receiver), black

Mechanical

- Business black color
- Toolless stand
- Support VESA mount (100mm)

	Dimensions (WxDxH)	Max weight (lb / kg)	Adjustments
Without stand:	21.1 X 1.8 X 14.3 (inch); 535 X 45 X 363 (mm)	(Touch) 14.6 / 6.6 (Non-touch) 12.8 / 5.8	N/A
With Basic Monitor stand:	21.1 X 9.6 X 17.0 (inch); 535 X 245 X 431 (mm)	(Non-touch) 17.0 / 7.7	Tilt: 45° back, -5° forward
With UltraFlex II stand:	21.1X 10.0 X 19.3 (inch); 535 X 253 X 489 (mm)	(Touch) 20.3 / 9.2 (Non-touch) 18.3 / 8.3	Tilt: 61° back, -5° forward; Lift: 110mm; Swivel: +/-45°

Power supply

150 watts, autosensing, 85% PSU

Limited warranty[3]

Some: **1-year or 3-year, depot repair service** / service upgrades available
Some: **1-year** or **3-year**, **limited onsite service** / service upgrades available

Preload

Preloaded operating system

Some: Windows® 7 Professional 32/64 preinstalled through downgrade rights in Windows 10 Pro 64-bit
Some: Windows 10 Pro 64-bit
Some: Windows 10 Home 64-bit

Preloaded applications (only some listed)

- Microsoft Office preloaded; purchase a product key to activate

- Only for Window 10
- Lenovo Companion

- Only for Window 7
- Lenovo Solution Center
- Lenovo ThinkVantage Tools
- ThinkVantage System Update
- Create Recovery Media
- Adobe® Reader®
- Cyberlink PowerDVD Create (DVD±RW)

Environment

EPEAT™ Gold rating (North America); ENERGY STAR® 6.1; TCO AIO Computer Certified; ErP Lot 3; GREENGUARD® certified; RoHS-compliant

MIL-SPEC test

MIL-STD-810G military certification (Low Pressure [Altitude], High Temperature, Low Temperature, Temperature Shock, Humidity, Sand and Dust, Vibration, Shock)

Accessories

For compatible accessories, please go to **http://www.lenovoquickpick.com**

See footnotes for more detailed information

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