## ThinkCentre M80q Gen 4 12E90009MZ

#### PERFORMANCE

Processor<sup>[1]</sup> Intel® Core™ i5-13500T, 14C (6P + 8E) / 20T, P-core 1.6 / 4.6GHz, E-core 1.2 / 3.2GHz, 24MB

Graphics Integrated Intel® UHD Graphics 770

Chipset Intel® Q670 Chipset

Memory<sup>[2]</sup> 1x 16GB SO-DIMM DDR5-4800

Memory Slots Two DDR5 SO-DIMM slots, dual-channel capable

Max Memory<sup>[3]</sup> Up to 64GB (2x 32GB DDR5 SO-DIMM)

#### Storage 256GB SSD M.2 2280 PCIe<sup>®</sup> 4.0x4 NVMe<sup>®</sup> Opal 2.0

Max Storage Support<sup>[4]</sup>

Up to three drives, 1x 2.5" HDD + 2x M.2 SSD • 2.5" HDD up to 1TB • M.2 SSD up to 2TB each

#### Card Reader

No card reader

#### Optical

None

#### Audio Chip

High Definition (HD) Audio, Realtek® ALC256VB codec

#### Speakers

2Wx1

#### Microphone

No microphone

Power Supply 90W 89% Adapter

#### DESIGN

Keyboard

USB Traditional Keyboard, Black, Swiss

#### Mouse

USB Calliope Mouse, Black

#### **Optional Bay**

2.5" HDD Bracket

#### **Expansion Slots**

- Two M.2 PCIe<sup>®</sup> Gen 4x4 slots (for SSD)
- One M.2 slot (for WLAN)

#### Case Color

Black

#### Stand

None

#### Adapter Cage None

Toolless Chassis Screw Toolless Chassis Screw

Dust Filter None

Mounting

1x VESA Mount

IO Box None

#### **Pen** Pen Not Supported

Form Factor

#### Tiny (1L)

#### Dimensions (WxDxH)<sup>[5]</sup>

- Tiny only | 179 x 182.9 x 36.5 mm with rubber feet (7.05 x 7.2 x 1.44 inches)
- Tiny & ODD | 204.2 x 186.6 x 64 mm with rubber feet (8.04 x 7.35 x 2.52 inches with rubber feet)

#### Weight<sup>[6]</sup>

- Tiny only | 1.25 kg (2.76 lbs)
- With VESA mount & ODD box | 1.74 kg (3.84 lbs)

#### CONNECTIVITY

#### WLAN + Bluetooth®<sup>[7]</sup>

Intel® Wi-Fi® 6E AX211, 802.11ax 2x2 + BT5.3, vPro®

#### WWAN

Non-WWAN

#### Ethernet

Integrated 100/1000M

#### Front Ports

- 1x USB-C<sup>®</sup> 3.2 Gen 2 (support data transfer)
- 1x USB 3.2 Gen 2 (Always On and 5V@2.1A charging)
- 1x USB 3.2 Gen 2
- 1x headphone / microphone combo jack (3.5mm)

#### **Optional Front Ports (configured)**

None

#### Rear Ports

- 2x USB 3.2 Gen 1 (one supports Smart Power On)
- 2x USB 3.2 Gen 2
- 1x HDMI<sup>®</sup> 2.1 TMDS
- 1x DisplayPort<sup>™</sup> 1.4a (HBR2, DSC)
- 1x Ethernet (RJ-45)

#### **Optional Rear Ports (configured)**

- 1x Serial
- 1x DP

#### **SECURITY & PRIVACY**



Announce Date

End of Support : 2030-02-18

: 2023-04-18

#### Security Chip

Discrete TPM 2.0, TCG certified, FIPS 140-2 certified

Fingerprint Reader No fingerprint reader

Physical Locks Kensington® Security Slot™, 3 x 7 mm

Chassis Intrusion Switch Chassis Intrusion Switch

#### MANAGEABILITY

System Management<sup>[8]</sup> Intel<sup>®</sup> vPro<sup>®</sup> Enterprise

#### SERVICE

**Base Warranty** 3-year, Onsite

#### Included Upgrade

1Y Premier Support from 3Y Onsite WHB (CPN)

#### CERTIFICATIONS

#### Green Certifications<sup>[9]</sup>

- EPEAT<sup>™</sup> Silver Registered
- ErP Lot 3
- RoHS compliant
- TCO Certified 9.0

#### Mil-Spec Test

MIL-STD-810H military test passed

#### SOFTWARE

#### **Operating System**

Windows® 11 Pro, WE (EN/FR/DE/NL/IT)

: Yes

[1] Intel Max Turbo frequency will vary depending on.....

To see more note information, please access the web page.

· Lenovo reserves the right to change specifications without notice.

EAN / UPC / JAN : 0197529107812

#### **Bundled Software**

ACCESSORIES

**Bundled Accessories** 

None

None

Note:

MODEL

TopSeller

## Premier Support - A direct 24x7x365 line to our most elite technicians.



Advanced technical support, 24x7x365, in more than 100 markets



Comprehensive hardware & OEM software support



Single point of contact for simplified end-to-end case management



**Technical Account Managers for** proactive relationship and escalation management

Priority on service delivery and repair parts



Lenovo Service Connect Portal for customized reporting and product support

## Accidental Damage Protection - Protection of your PC from the unexpected.

Experience shows that a significant portion of devices may be damaged (and not covered under warranty) in the first three years. Lenovo's Accidental Damage Protection service covers accidents beyond the system warranty such as drops, spills, bumps and even electrical surges. Make sure your new device has maximum protection, avoid unplanned costs and get peace of mind.

### Base Warranty - Included with the systems you purchase, default 1- or 3-year coverage window.

### Warranty Extensions & Upgrades - Service and protection that's right for your circumstances.

Pick Up & Return Courier

Technician Installed Customer

Onsite Support

- Replaceable Unit Service
- International Warranty Upgrade

Lenovo may not offer the products, services or features discussed in this document in all regions. 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 specifications 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 fitness for a particular purpose.

## **Recommended** Accessories



# ThinkCentre Tiny VESA Mount II

The ThinkCentre Tiny VESA Mount II is a unique design specific to house the Tiny PC while featuring the universal VESA mount configuration. The Mount supports both 75x75mm and 100x100mm VESA. The VESA standard enabl...

## **Recommended Services**

BEST	5Y Premier Support upgrade from 1Y Premier Support (5WS1F52290)
BETTER	3Y Premier Support upgrade from 1Y Premier Support (5WS1B61713)
GOOD	2Y Premier Support upgrade from 1Y Premier Support (5WS1B61705)

Please click here to view the full list of accessories.

