## ThinkCentre M70q Gen 5 12TD0059PM

# Lenovo PSREF Product Specifications Reference

#### **PERFORMANCE**

#### Processor

Intel® Core™ i7-14700T, 20C (8P + 12E) / 28T, Max Turbo up to 5.2GHz. P-core 1.3 / 5.0GHz. E-core 0.9 / 3.7GHz. 33MB

#### Graphics

Integrated Intel® UHD Graphics 770

#### Chipset

Intel® Q670 Chipset

#### Memory

1x 8GB SO-DIMM DDR5-5600

#### **Memory Slots**

Two DDR5 SO-DIMM slots, dual-channel capable

#### Max Memorv<sup>[1]</sup>

Up to 64GB (2x 32GB DDR5 SO-DIMM)

#### Storage

512GB SSD M.2 2280 PCIe® 4.0x4 NVMe® Opal

#### Max Storage Support<sup>[2]</sup>

Dual SSD mode: up to two drives, 2x M.2 SSD

• M.2 2280 SSD up to 2TB

#### **RAID Preset**

None

#### Card Reader

No card reader

#### Optical

None

#### **Audio Chip**

High Definition (HD) Audio, Realtek® ALC233VB or Conexant CX11771 codec

#### **Speakers**

2Wx1

#### Power Supply[3]

135W 89% Adapter

#### DESIGN

#### Keyboard

USB Traditional Keyboard, Black, Portuguese

#### Mouse

USB Calliope Mouse, Black

#### **Expansion Slots**

Three M.2 slots (one for WLAN, two for SSD)

#### Case Color

Black

#### **Stand** None

Adapter Cage

#### None

\_ .. .

#### **Toolless Chassis Screw**

**Toolless Chassis Screw** 

#### **Dust Filter**

None

#### Mounting

**VESA Mount** 

#### IO Box

No IO box

#### Pen

Pen Not Supported

#### Form Factor

Tiny (1L)

#### Dimensions (WxDxH)[4]

 $179 \times 182.9 \times 36.5$  mm with rubber feet  $(7.05 \times 7.2 \times 1.44)$  inches with rubber feet)

#### Weight<sup>[5]</sup>

Around 1.25 kg (2.76 lbs)

#### CONNECTIVITY

#### WLAN + Bluetooth®

Realtek® Wi-Fi® 6 RTL8852BE, 802.11ax 2x2 + BT5.3

#### WWAN

Non-WWAN

#### Ethernet

Integrated 100/1000M

#### Front Ports

- 1x USB-C\* (USB 5Gbps / USB 3.2 Gen 1), with 5V@0.9A charging
- 1x USB-A (USB 10Gbps / USB 3.2 Gen 2), with Always On and 5V@2.1A charging
- 1x USB-A (USB 10Gbps / USB 3.2 Gen 2)
- 1x headphone / microphone combo jack (3.5mm)

#### Optional Front Ports (configured)

None

#### **Rear Ports**

- 1x USB-A (Hi-Speed USB / USB 2.0), with smart power-on
- 1x USB-A (USB 5Gbps / USB 3.2 Gen 1)
- 2x USB-A (USB 10Gbps / USB 3.2 Gen 2)
- 1x HDMI® 2.1 TMDS
- 1x DisplayPort™ 1.4a (HBR2, DSC)
- 1x Ethernet (RJ-45)

#### Optional Rear Ports (configured)

None

#### **SECURITY & PRIVACY**

#### 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

#### Kensington® Cable Lock

None

#### **Chassis Intrusion Switch**

Chassis Intrusion Switch

#### **MANAGEABILITY**

#### System Management<sup>[6]</sup>

Non-vPro®

#### **SERVICE**

#### **Base Warranty**

1-year, Courier or Carry-in

#### **Included Upgrade**

3Y Courier/Carry-in upgrade from 1Y Courier/Carry-in

#### **CERTIFICATIONS**

#### **Green Certifications**

- ErP Lot 3/7
- RoHS compliant
- TCO Certified

#### Mil-Spec Test

MIL-STD-810H military test passed (Low Pressure [Altitude], High Temperature, Low Temperature, Temperature Shock, Humidity, Sand and Dust, Vibration, Shock, Solar Radiation, Contamination by Fluids, Salt Fog)

#### **SOFTWARE**

#### Operating System

None

#### **Bundled Software**

None

#### **ACCESSORIES**

#### **Bundled Accessories**

None

#### **MODEL**

 TopSeller
 : Yes
 Announce Date
 : 2024-10-22

 EAN / UPC / JAN
 : 0198155665288
 End of Support
 : 2031-01-18

#### Note:

[1] The max memory is based on the test results with current Lenovo memory

[2] The max capacity of each disk type is based on the test.....

· Lenovo reserves the right to change specifications without notice.

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

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



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



Technical Account Managers for proactive relationship and escalation management



Comprehensive hardware & OEM software support



Priority on service delivery and repair parts



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



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
- Onsite Support

- Technician Installed Customer
- 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



### Lenovo 65W USB-C DC Travel Adapter

40AK0065WW

Power up and stay productive on the road with this DC Travel adapter. Lenovo 65W USB-C DC Travel Adapter is the universal DC adapter, providing 65W power via USB-C for outdoor use.



## **ThinkCentre Tiny VESA Mount II**

4XF0N0316

The ThinkCentre Tiny VESA Mount II is a unique design specific to house the Tiny PC while featuring the universal VESA mount configuration. The VESA standard enables this mount to attach to anything that is VESA comp...

Please click here to view the full list of accessories.

