# ThinkCentre M90g Gen 5 12TH001PUM



#### **PERFORMANCE**

#### Processor[1]

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

#### Memorv<sup>[2]</sup>

1x 8GB SO-DIMM DDR5-5600

#### **Memory Slots**

Two DDR5 SO-DIMM slots, dual-channel capable

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

512GB SSD M.2 2280 PCIe® 4.0x4 NVMe® Opal 2.0

#### Max Storage Support[4]

Up to two drives, 2x M.2 2280 SSD

M.2 2280 SSD up to 2TB

#### Card Reader

No card reader

## Optical

None

High Definition (HD) Audio, Realtek® ALC233 codec

#### Speakers

2Wx1

#### **Power Supply**

135W 90% Adapter

#### **DESIGN**

#### Keyboard

USB Traditional Keyboard, Black, English (UK)

USB Calliope Mouse, Black

#### **Expansion Slots**

- One PCIe® 4.0 x8, low-profile
- Two M.2 PCIe® 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)[5]

179 x 182.9 x 36.5 mm with rubber feet (7.05 x 7.2 x 1.44 inches with rubber feet)

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

1.25 kg (2.76 lbs)

#### CONNECTIVITY

#### WLAN + Bluetooth®[7]

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

#### WWAN

Non-WWAN

#### Ethernet

Integrated 100/1000M

#### Front Ports

- 1x USB-C® (USB 20Gbps / USB 3.2 Gen 2x2), data transfer
- 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 (USB 5Gbps / USB 3.2 Gen 1)
- 1x USB-A (USB 5Gbps / USB 3.2 Gen 1), with Smart Power On
- 2x USB-A (USB 10Gbps / USB 3.2 Gen 2)
- 1x HDMI® 2.1 TMDS
- 1x DisplayPort<sup>™</sup> 1.4a (HBR2, DSC)
- 1x Ethernet (GbE RJ-45)

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

#### **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

#### **Chassis Intrusion Switch**

Chassis Intrusion Switch

## **MANAGEABILITY**

#### System Management[8]

Intel® vPro® Enterprise

## **SERVICE**

#### **Base Warranty**

1-year, Onsite

#### Included Upgrade

3Y Onsite upgrade from 1Y Onsite

## **CERTIFICATIONS**

#### **Green Certifications**

- FrP Lot 3
- RoHS compliant
- TCO Certified 9.0

#### 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**

: Yes TopSeller : 2024-07-23 Announce Date EAN/UPC/JAN : 0198154447304 End of Support : 2031-02-23

[1] Intel Max Turbo frequency will vary depending on application workload and the hardware and software configurations, see

http://www.intel.com/technology/turboboost/ for more information. · Lenovo reserves the right to change specifications without notice.

[2] Installed memory is actually DDR5-5600 but may run as..... To see more note information, please access the web page.

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# 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.

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- Replaceable Unit Service
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## Recommended Accessories



## **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 Mount supports both 75x75mm and 100x100mm VESA. The VESA standard enabl...



# Kensington MicroSaver 2.0 Cable Lock from Lenovo

4XF0N80914

Protect your device. Lenovo offers the latest standard in device security – the MicroSaver 2.0 Cable Lock From Lenovo. Engineered to be the smallest, strongest lock for laptops and other devices, the MicroSaver 2.0 re...

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