ThinkCentre M90q Gen 5 12TH002TMH

PERFORMANCE

Processor^[1] Intel® Core™ i5-14500T, 14C (6P + 8E) / 20T, P-core 1.7 / 4.8GHz, E-core 1.2 / 3.4GHz, 24MB

Graphics Integrated Intel® UHD Graphics 770

Chipset Intel® Q670 Chipset

Memory^[2] 1x 16GB SO-DIMM DDR5-4800

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

Max Memory^[3] Up to 64GB (2x 32GB DDR5 SO-DIMM)

Storage 512GB SSD M.2 2280 PCIe® 4.0x4 Performance 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

Audio Chip

High Definition (HD) Audio, Realtek® ALC233 codec

Speakers

Premium, 2Wx1

Power Supply 90W 89% Adapter

DESIGN

Keyboard

USB Traditional Keyboard, Black, English (EU)

Mouse

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) Weiaht^[6]

1.25 kg (2.76 lbs)

CONNECTIVITY

WLAN + Bluetooth®

None WWAN

Non-WWAN

Ethernet Integrated 100/1000M

Front Ports

- 1x USB-C[®] (USB 20Gbps / USB 3.2 Gen 2x2), data transfer only
- 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[™] 1.4a (HBR2, DSC)
- 1x Ethernet (GbE RJ-45)

Optional Rear Ports (configured)

1x DP

SECURITY & PRIVACY

Security Chip

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

Fingerprint Reader

No fingerprint reader



Kensington[®] Security Slot[™], 3 x 7 mm

Chassis Intrusion Switch Chassis Intrusion Switch

MANAGEABILITY

System Management^[7] Intel[®] vPro[®] Enterprise

SERVICE

Base Warranty 3-year, Onsite

Included Upgrade

1Y Premier Support from 3Y Onsite WHB (CPN), CO2 Offset 0.5 ton (2nd Generation Carbon Offset Projects)

CERTIFICATIONS

Green Certifications^[8]

- ENERGY STAR® 8.0
- EPEAT™ Gold Registered
- ErP 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

Windows® 11 Pro, WE (EN/FR/DE/NL/IT)

Bundled Software

None

ACCESSORIES

Bundled Accessories None

MODEL

TopSeller	: Yes	Announce Date	: 2024-11-08
EAN / UPC / JAN	: 0198155932939	End of Support	: 2031-02-23

Note:

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

 \cdot Lenovo reserves the right to change specifications without notice.

To see more note information, please access the <u>web page</u>.



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	4Y Premier Support upgrade from 1Y Premier Support (5WS1F52294)	
BETTER	3Y Premier Support Plus upgrade from 1Y Premier Support (5WS1L39034)	
GOOD	3Y Premier Support upgrade from 1Y Premier Support (5WS1C83305)	

Please click here to view the full list of accessories.

