# ThinkCentre M90q Gen 3 11U5004VUS



## **PERFORMANCE**

**Processor** 

Intel® Core™ i5-12500, 6C (6P + 0E) / 12T, P-core 3.0 / 4.6GHz. 18MB

**Graphics** 

Integrated Intel UHD Graphics 770

Chipset

Intel Q670 Chipset

Memory

1x 16GB SO-DIMM DDR5-4800

**Memory Slots** 

Two DDR5 SO-DIMM slots, dual-channel capable

Max Memory

Up to 64GB DDR5-4800

Storage

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

Storage Support

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

**Optical** 

None

**Audio Chip** 

High Definition (HD) Audio, Realtek® ALC256VB codec

**Speakers** 

2Wx1

**Power Supply** 

135W 89% Adapter

**DESIGN** 

Keyboard

USB Traditional Keyboard, Black, English

Mous

USB Calliope Mouse, Black

**Expansion Slots** 

- One PCle 4.0 x8, low-profile
- Two M.2 PCle Gen 4x4 slots (for SSD)
- One M.2 slot (for WLAN)

**Case Color** 

Black

Stand

Vertical Stand

**Adapter Cage** 

None

**Toolless Chassis Screw** 

None

**Dust Filter** 

None

Mounting

None

IO Box

None

Form Factor

Tiny (1L)

Dimensions (WxDxH)

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

Weight

1.25 kg (2.76 lbs)

#### CONNECTIVITY

Ethernet

Integrated 100/1000M

WLAN + Bluetooth®

Intel Wi-Fi® 6 AX201. 11ax 2x2 + BT5.1

**Front Ports** 

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

**Rear Ports** 

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

**Optional Rear Ports (configured)** 

2x DP 1.2

**Monitor Cable** 

None

### **SECURITY & PRIVACY**

**Security Chip** 

Discrete TPM 2.0, TCG certified

Fingerprint Reader

No fingerprint reader

**Physical Locks** 

Kensington® Security Slot™, 3 x 7 mm

**Chassis Intrusion Switch** 

Chassis Intrusion Switch

#### **MANAGEABILITY**

**System Management** 

Non-vPro®

## **SERVICE**

**Base Warranty** 

3-year, Onsite

Included Upgrade

3Y Premier Support Upgrade from 3Y Onsite (5WS0V07841)

#### **CERTIFICATIONS**

**Green Certifications** 

- EPEAT™ Silver
- ENERGY STAR® 8.0
- ErP Lot 3
- TCO Certified 9.0
- · RoHS compliant

Mil-Spec Test

MIL-STD-810H military test passed

**SOFTWARE** 

**Operating System** 

Windows® 11 Pro, English

**Bundled Software** 

None

MODEL

TopSeller : Yes Announce Date : 2022-08-30
EAN / UPC / JAN : 196802754088 End of Support : 2028-10-29



intel

<sup>·</sup> Lenovo reserves the right to change specifications or other product information without notice.

<sup>·</sup> Product image on this page is a sample, it may not match the real color of this model

# 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

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## Recommended Accessories



## ThinkCentre Tiny VESA Mount II

4XF0N03161

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...

## **Recommended Services**

BEST	5Y Lenovo Protect (Premier Support + ADP + KYD + International Upg) (5PS1D67032)
BETTER	5Y Lenovo Support (Premier Support + KYD + International Upg) (5PS1D67028)
GOOD	4Y Lenovo Support (Premier Support + KYD + International Upg) (5PS1D67027)

For a full list of accessories and services, please visit: https://smartfind.Lenovo.com

