# ThinkCentre M90q Gen 3 11U50052US

## PERFORMANCE

Processor

Intel® Core™ i5-12500T, 6C (6P + 0E) / 12T, P-core 2.0 / 4.4GHz, 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 256GB SSD M.2 2280 PCIe<sup>®</sup> 4.0x4 NVMe<sup>®</sup> 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

90W 89% Adapter

## DESIGN

Keyboard USB Traditional Keyboard, Black, English

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

Vertical Stand

# Adapter Cage

None

#### Toolless Chassis Screw None Dust Filter None

Mounting

None IO Box None

Form Factor

## Tiny (1L)

Dimensions (WxDxH) 179 x 182.9 x 36.5 mm with rubber feet (7.05 x 7.2 x 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<sup>®</sup> 3.2 Gen 2
- 1x headphone / microphone combo jack (3.5mm)

#### **Rear Ports**

- 1x HDMI® 2.1 TMDS
- 1x DisplayPort™ 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) 1x DP 1.2

# Monitor Cable

None

#### **SECURITY & PRIVACY**

Security Chip Discrete TPM 2.0, TCG certified

#### Fingerprint Reader

No fingerprint reader

Physical Locks Kensington<sup>®</sup> Security Slot<sup>™</sup>, 3 x 7 mm

#### **Chassis Intrusion Switch**

Chassis Intrusion Switch



PSREF Product Specifications Reference

#### 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<sup>™</sup> 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	: 196802755986	End of Support	: 2028-10-29



intel

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# 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
- Onsite Support

- Technician Installed Customer
- Replaceable Unit Service
- International Warranty Upgrade

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# **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 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

