## ThinkCentre M90q Gen 3 11U5005TUS

#### PERFORMANCE

Processor Intel<sup>®</sup> Core<sup>™</sup> i7-12700, 12C (8P + 4E) / 20T, P-core 2.1 / 4.8GHz, E-core 1.6 / 3.6GHz, 25MB

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® 4.0 x4 Value NVMe® Opal

#### 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** 230W 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	
<b>Dust Filter</b> None	
Mounting None	
IO Box None	
Form Factor Tiny (1L)	
Dimensions (WxDxH)	

Dimensions	Models
Tiny only	179 x 182.9 x 36.5 mm with rubber feet (7.05 x 7.2 x 1.44 inches with rubber feet)
Tiny & ODD	204.2 x 186.6 x 64 mm with rubber feet (8.04 x 7.35 x 2.52 inches with rubber feet)

#### Weight

Models	Weight
Tiny only	1.25 kg (2.76 lbs)
With VESA mount & ODD I	box 1.74 kg (3.84 lbs)

### CONNECTIVITY

Ethernet Integrated 100/1000M WLAN + Bluetooth®

Intel 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**

- 2x USB 3.2 Gen 1 (one supports Smart Power On)
- 2x USB 3.2 Gen 2



PSREF **Product Specifications** Reference

#### **Physical Locks**

Kensington<sup>®</sup> Security Slot<sup>™</sup>, 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<sup>™</sup> Silver
- EPEAT Gold
- ENERGY STAR® 8.0
- ErP Lot 3
- TCO Certified 9.0
- RoHS compliant

#### **Other Certifications**

TÜV Rheinland<sup>®</sup> Ultra Low Noise

#### Mil-Spec Test

MIL-STD-810H military test passed

#### SOFTWARE

#### **Operating System**

Windows® 11 DG Windows 10 Pro 64, English

**Bundled Software** 

#### None

#### MODEL

TopSeller	: Yes	Announce Date	: 2022-10-18
EAN / UPC / JAN	: 196803313772	End of Support	: 2028-10-29

dels	Weight
	1.25 kg (2.76 lbs)
ount & ODD box	174 kg (3.84 lbs)

- 1x HDMI<sup>®</sup> 2.1 TMDS
- 1x DisplayPort<sup>™</sup> 1.4
- 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

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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



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

