### ThinkCentre M90q Gen 3 11U50007UK

#### 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 256GB SSD M.2 2280 PCIe<sup>®</sup> Gen 4x4 Value NVMe<sup>®</sup> 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

135W 89% Adapter

#### DESIGN

Keyboard USB Traditional Keyboard, Black, English (UK)

#### 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 VESA Mount 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 b	oox 1.74 kg (3.84 lbs)

#### CONNECTIVITY

Ethernet Integrated 100/1000M WLAN + Bluetooth®

#### Intel AX211 Wi-Fi® 6E, 2x2 + BT5.2

#### 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® Security Slot, 3 x 7 mm

Chassis Intrusion Switch Chassis Intrusion Switch

#### MANAGEABILITY

System Management vPro Enterprise

#### SERVICE

Base Warranty 3-year, Onsite

Included Upgrade 1Y Premier Support from 3Y Onsite WHB (CPN) (5WS1F31123)

#### **CERTIFICATIONS**

#### **Green Certifications**

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

#### **Other Certifications**

TÜV Rheinland® Ultra Low Noise

#### Mil-Spec Test

MIL-STD-810H military test passed

#### SOFTWARE

#### Operating System

Windows<sup>®</sup> 11 Pro 64, English

Bundled Software None

#### MODEL

TopSeller	: Yes	Announce Date	: 2022-05-12
EAN / UPC / JAN	: 0196379570128	End of Support	: 2028-10-29

- 1x HDMI<sup>®</sup> 2.1 TMDS
- 1x DisplayPort<sup>™</sup> 1.4
- 1x Ethernet (RJ-45)

**Optional Rear Ports (configured)** 

1x serial + 1x DP 1.2 Monitor Cable

None

#### **SECURITY & PRIVACY**

Security Chip Discrete TPM 2.0, TCG certified

Fingerprint Reader No fingerprint reader

Lenovo reserves the right to change specifications or other product information without notice.
 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**



3Y Premier Support upgrade from 1Y Premier Support (5WS1C83305)

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

