# ThinkCentre M90q Gen 3 11U6001QMZ

PSREF
Product Specifications Reference

## 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 8GB 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® 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

**Card Reader**
No card reader

**Optical**
None

**Audio Chip**
High Definition (HD) Audio, Realtek® ALC256VB codec

**Speakers**
2Wx1

**Power Supply**
135W 89% Adapter

## DESIGN

**Keyboard**
USB Traditional Keyboard, Black, Swiss

**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**
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® 6E AX211, 11ax 2x2 + BT5.1, vPro®

**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)

**Optional Front Ports (configured)**
None

**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)**
None

**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**
Intel® vPro® Enterprise

## SERVICE

**Base Warranty**
3-year, Onsite

**Included Upgrade**
None

## CERTIFICATIONS

**Green Certifications**
- EPEAT™ Gold Registered
- ENERGY STAR® 8.0
- 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® 11 DG Windows 10 Pro 64, WE (EN/FR/DE/NL/IT)

**Bundled Software**
None

## ACCESSORIES

## MODEL

| | | | |
|---|---|---|---|
| TopSeller | : No | Announce Date | : 2022-07-19 |
| EAN / UPC / JAN | : 0196802336031 | End of Support | : N/A |

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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
- 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.

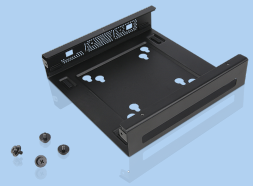
## Base Warranty - **Included with the systems you purchase, default 1- or 3-year coverage window.**

## 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 Premier Support Upgrade from 3Y Onsite (5WS0V07824) |
| BETTER | 3Y Premier Support Upgrade from 3Y Onsite (5WS0V07841) |
| GOOD | 3Y Keep Your Drive Add On (5PS0V07802) |

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

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