# ThinkCentre M90q Gen 3 11U5003DMX



# **PERFORMANCE**

### **Processor**

Intel® Core™ 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® 4.0x4 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**

230W 89% Adapter

# **DESIGN**

#### Keyboard

USB Traditional Keyboard, Black, Nordic (DK/FI/NO/SV)

#### 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**

**Toolless Chassis Screw** 

#### **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® 6E AX211, 11ax 2x2 + BT 5.1, 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)

### **Rear Ports**

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

# **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**

CO2 Offset 1.5 ton (5WS0Z74928), 3Y Premier TC DT/AIO WHB (CPN) (5WS1B09492)

# **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, Nordic (DK/FI/SV/NO/EN)

#### **Bundled Software**

None

### MODEL

TopSeller : Yes Announce Date : 2022-04-26



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

Lenovo may not offer the products, services or features discussed in this document in all regions. Lenovo may withdraw an offering at any time. Information is subject to change without notice. Consult your local representative for information on offerings available in your area. Lenovo reserves the right to change specifications or other product information without notice. Lenovo is not responsible for photographic or typographical errors. Lenovo provides this publication "as is" without warranty of any kind, either express or implied, including the implied warranties of merchantability or fitness for a particular purpose.

# 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   | 4Y Lenovo Support (Premier Support + KYD + International Upg) (5PS1D67027) |
|--------|--|
| BETTER | 4Y Premier Support upgrade from 3Y Premier Support (5WSOW86713)            |

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

