# ThinkCentre M90q Gen 6 13AC0005MZ

PSREF
Product Specifications Reference

## PERFORMANCE

**Processor**
Intel® Core™ Ultra 5 245T, 14C (6P + 8E) / 14T, Max Turbo up to 5.1GHz, 24MB

**AI PC Category**[1]
AI PC

**NPU**
None

**Graphics**
Integrated Intel® Graphics

**Chipset**
Intel® Q870 Chipset

**Memory**
1x 16GB SO-DIMM DDR5-5600

**Memory Slots**
Two DDR5 SO-DIMM slots, dual-channel capable

**Max Memory**
Up to 64GB (2x 32GB DDR5 SO-DIMM)

**Storage**
512GB SSD M.2 2280 PCIe® 4.0x4 Performance NVMe® Opal 2.0

**Max Storage Support**
Up to three drives, 3x M.2 2280 SSD
• M.2 2280 SSD up to 2TB each

**Card Reader**
No card reader

**Optical**
None

**Audio Chip**
High Definition (HD) Audio, Realtek® ALC233VB or Conexant CX11771 codec

**Speakers**
Premium, 2Wx1

**Power Supply**
135W 90% Adapter

## DESIGN

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

**Mouse**
USB Calliope Mouse, Black

**Expansion Slots**
- One PCIe® 4.0 x8, low-profile
- Three 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**
1x VESA Mount

**IO Box**
None

**Pen**
Pen Not Supported

**Form Factor**
Tiny (1L)

**Dimensions (WxDxH)**
179 x 182.9 x 36.5 mm (7.05 x 7.2 x 1.44 inches)

**Weight**
Around 1.34 kg (2.95 lbs)

## CONNECTIVITY

**WLAN + Bluetooth®**
Intel® Wi-Fi® 7 BE200, 802.11be 2x2 + BT5.4, vPro®

**WWAN**
Non-WWAN

**Ethernet**
Integrated 100/1000M

**Front Ports**
- 1x USB-C® (USB 20Gbps / USB 3.2 Gen 2x2), data transfer only
- 1x USB-A (USB 10Gbps / USB 3.2 Gen 2), Always On
- 1x USB-A (USB 10Gbps / USB 3.2 Gen 2)
- 1x headphone / microphone combo jack (3.5mm)

**Rear Ports**
- 1x USB-A (USB 5Gbps / USB 3.2 Gen 1)
- 3x USB-A (USB 10Gbps / USB 3.2 Gen 2), one supports Smart Power On
- 1x HDMI® 2.1 TMDS
- 1x DisplayPort™ 1.4
- 1x Ethernet (GbE RJ-45)

**Optional Rear Ports (configured)**
1x DP

## SECURITY & PRIVACY

**Security Chip**
Discrete TPM 2.0, TCG certified, FIPS 140-2 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**
1Y Premier Support from 3Y Onsite WHB (CPN)

## CERTIFICATIONS

**Green Certifications**
- ENERGY STAR® 9.0
- ErP Lot 3
- RoHS compliant
- TCO Certified, generation 10

**Mil-Spec Test**
MIL-STD-810H military test passed (Low Pressure [Altitude], High Temperature, Low Temperature, Temperature Shock, Humidity, Sand and Dust, Vibration, Shock, Solar Radiation, Contamination by Fluids, Salt Fog)

## SOFTWARE

**Operating System**
Windows® 11 Pro, WE (EN/FR/DE/NL/IT)

**Bundled Software**
None

## ACCESSORIES

**Bundled Accessories**
None

## MODEL

| | | | |
|---|---|---|---|
| **TopSeller** | : Yes | **Announce Date** | : 2025-05-27 |
| **EAN / UPC / JAN** | : 0198158191753 | **End of Support** | : 2031-12-27 |

Note:
[1] AI PCs have a NPU capable of 10+ TOPs to run the Copilot assistant by pressing the optional Microsoft Copilot key or using Win + C.

· Lenovo reserves the right to change specifications without notice.

To see more note information, please access the web page.

## 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 Mount supports both 75x75mm and 100x100mm VESA. The VESA standard enabl...

## Recommended Services

| | |
|---|---|
| BEST | 5Y Lenovo Support (Premier Support + KYD + International Upg) (5PS1J31179) |
| BETTER | 4Y Lenovo Support (Premier Support + KYD + International Upg) (5PS1J31175) |
| GOOD | 3Y Premier Support upgrade from 1Y Premier Support (5WS1C83305) |

Please click here to view the full list of accessories.

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