

ThinkCentre M90q Gen 4

Packed with essential features that boost daily computing performance, this tiny form factor is ideal for modern professionals. Equipped with Intel UHD graphics and up to 13th Gen Intel i9 processor that has up to 32 cores – it can handle many applications at the same time and run smoothly. Storage with up to 5TB – both HDD+SSD – means faster processing and optimum storage capacity. A MIL-STD-810H-certified strong and durable device.



Mainstream computing for a variety of business uses

Our best ultra-small desktop; ThinkCentre M9 Series Tiny offers high-performance desktop computing, plus remote management and security features, all backed by our reputation for reliability.

Onboard ENERGY STAR 8.0 and EPEAT Silver and EPEAT Gold (both optional) certifications help reduce energy usage and greenhouse gas emissions. Opt for the TÜV Rheinland Ultra Low Noise feature for complete noiseless processing.

Onboarded with ample front and rear ports, which include up to 7 USB ports, HDMI, and 1x DisplayPort port; it supports up to 4 independent displays via the onboard ports.

The device is certified with ENERGY STAR® 8.0 and optional EPEAT Silver and Gold (both optional)- making it one among the most energy-efficient devices in the market.

Lenovo services

Lenovo delivers tailored sustainability services, devices, and infrastructure solutions from our broad portfolio, working closely with you to support your target outcomes across the IT lifecycle..



On-site Service

If a problem can't be fixed remotely, we will visit your location
 Normally next business day service
 Agreed appointment times

Accessories

ThinkCentre Tiny Under Desk Mount Bracket

Mount a ThinkCentre Tiny PC under a desk with just 4 screws; also requires ThinkCentre Tiny VESA Mount II

Easy access to various ports and control buttons of the ThinkCentre Tiny PC

Also provides space for a ThinkCentre Tiny Storage Unit or other external storage/DVD drive



PN: OB47097

ThinkCentre M90q Gen 4

Performance

Processor

13th Generation Intel Core i3/i5/i7/i9

Operating System

Windows 11 Pro
Windows 11 Home
Windows 11 Home Single Language

Graphics

Intel UHD graphics 730 (integrated)
Intel UHD graphics 770 (integrated)

Chipset

Intel Q670 Chipset

Memory ¹

Up to 64GB DDR5, two SO-DIMM slots

¹The max memory is based on the test results with current Lenovo memory offerings.

Storage ²

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

²The max capacity of each disk type is based on the test results with current Lenovo storage offerings.

Optical

DVD-ROM or DVD±RW*

Audio

High Definition (HD) Audio
Single speaker, 2W x1*
Premium single speaker 2W x1*

Power Supply

65W 89% adapter*
90W 89% adapter*
135W 90% adapter*
230W 89% adapter*

Design

Form factor

Tiny (1L)

Dimensions ³

Tiny only: 179 x 182.9 x 36.5 mm (7.05 x 7.2 x 1.44 inches)
Tiny & ODD: 204.2 x 186.6 x 64 mm (8.04 x 7.35 x 2.52 inches)

³The system dimensions may vary depending on configurations.

Weight ⁴

Tiny only: Around 1.25 kg (2.76 lbs)
With VESA mount & ODD box: Around 1.74 kg (3.84 lbs)

⁴The system weight is approximate and may vary depending on configurations

Bays

1x 2.5" disk bay*

Expansion Slots

One PCIe 4.0 x8, low-profile
Three M.2 slots (one for WLAN, two for SSD)

Connectivity

Ethernet

Gigabit onboard Ethernet

WLAN + Bluetooth ⁵

802.11ax (Wi-Fi 6 / Wi-Fi 6E),
Bluetooth 5.1
Up to Intel Wi-Fi 6E AX211, Bluetooth 5.1

⁵Wi-Fi 6E is only enabled on Windows 11 and operates as Wi-Fi 6 with Windows 10.

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 1.4
1x Ethernet (RJ-45)
2x USB 3.2 Gen 1 (occupies port 1 and 2)*
4x USB 3.2 Gen 1 (occupies optional port 1 and 2)*
1x 2.5GbE RJ-45, via RTL8125BGS*
4x GbE RJ-45, via i350-T4*

Optional port 1

One of VGA / DisplayPort / HDMI / serial / USB-C 3.2 Gen 1

Optional port 2

One of VGA / DisplayPort / HDMI / serial / RJ-45

Security & Privacy

Discrete TPM 2.0
Kensington Security Slot
Chassis Intrusion Switch

Manageability

Intel vPro Enterprise*

⁶Intel vPro offers a superset of DASH's defined capabilities.

Lenovo services

Up to 3-year limited onsite service

Certifications

Green Certifications ^{7 8}

EPEAT Gold Registered*
EPEAT Silver Registered*
ENERGY STAR 8.0
ErP Lot 3
TCO Certified 9.0
RoHS compliant

⁷The items listed under the "Green Certifications" section may not only refer to certification but also registration or self-declaration.

⁸EPEAT is registered where applicable, please see <https://www.epeat.net> for registration status by country.

Other Certifications

TÜV Rheinland Ultra Low Noise*
MIL-STD-810H military