ThinkCentre M90q Gen 6

Built to redefine enterprise efficiency, this new-gen 1-liter form factor, powered by Intel® Core™ Ultra 9 (Series 2) processors, delivers top-tier performance for today's business professionals. Whether managing real-time financial models, conducting architectural simulations, or developing enterprise-grade applications, its integrated Intel® Graphics ensures fluid, responsive visuals without compromising power efficiency. Moreover, discrete Intel® Arc™ A310 Graphics enhances visual processing for more graphics-intensive tasks.

Empowering the modern workforce with a streamlined desktop experience

ThinkCentre M9 Series Tiny desktops offer compact yet powerful computing capabilities for modern professionals, boasting high-performance specs, versatile connectivity options, and space-saving design, ideal for diverse workplace environments.

With support for up to 64GB DDR5-5600 memory (2x 32GB SO-DIMM), users can experience seamless workflow even under heavy workloads. The dual M.2 2280 SSD slots offer up to 2TB each of high-speed storage, enabling rapid access to large files and applications.

Lenovo AI Now further enhances productivity, acting as a personal assistant for everyday tasks, while an optional dNPU expands AI capabilities to adapt to evolving workloads. Smart Power On simplifies startup, and the ease-of-use (EOU) design chassis ensures effortless upgrades.

With a Tiny (1L) form factor, it maximizes space efficiency, ideal for compact environments. It offers powerful performance while minimizing footprint, perfect for office setups requiring sleek, space-saving solutions.

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

- On-site support if needed
- Normally next business day service
- Agreed appointment times

Accessories

Lenovo Professional Wireless Rechargeable Combo Keyboard and Mouse

- Transform your workspace into a clutter-free, cable-free zone for ultimate productivity.
- The mouse's Optical IR Sensor ensures precise tracking, with 4-way scrolling for smooth, versatile navigation.
- Keyboard layouts are tailored to vary by language, ensuring accessibility and usability for all users.

PN: 4X31K03931 - 4X31K03978

ThinkCentre Tiny VESA Mount II

- Supports mounting of a ThinkCentre Tiny to the back of VESA-compatible displays
- Can be used separately or combined with other options for secure mounting
- Simple 4-screw design keeps the device securely attached to the mount

PN: 4XF0N03161

ThinkCentre M90q Gen 6

Performance

Processor
Intel Core Ultra 5 / 7 / 9 Processor (Series 2)

Operating System*
Windows 11 Pro
Windows 11 Home
Windows 11 Home Single Language
Windows 11 IoT Enterprise LTSC 2024
Ubuntu Linux

NPU
Integrated Intel AI Boost, up to 13 TOPS

Graphics
Intel graphics (Integrated)
Intel Arc A310 4GB

Chipset
Intel Q870 chipset

Memory [1]
Up to 64GB DDR5-5600, two SO-DIMM slots

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

Storage [2]
Up to three drives, 3x M.2 2280 SSD
• M.2 2280 SSD up to 2TB each

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

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

Power Supply*
230W 89%, 135W 90%, 90W 89%, 65W 89% PSU

Design

Form factor
Tiny (1L)

Dimensions [3]
179 x 182.9 x 36.5 mm with rubber feet (7.05 x 7.2 x 1.44 inches with rubber feet)

[3]*The system dimensions may vary depending on configurations.*

Weight [4]
Around 1.25 kg (2.76 lbs)

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

Color
Black

Expansion Slots
One PCIe 4.0 x8, low-profile
One M.2 slot (for WLAN)
Three M.2 PCIe Gen 4x4 slots (for SSD)

Connectivity

Ethernet
Gigabit onboard Ethernet
2.5GbE Onboard Ethernet*

WLAN + Bluetooth* [5]
Up to Intel Wi-Fi 7 BE200, Bluetooth 5.4

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

Front ports
1x USB-C (USB 20Gbps / USB 3.2 Gen 2x2)
2x 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 (RJ-45)
Punch out port 1 (one of VGA / DisplayPort / HDMI 4K / HDMI 8K / serial / USB-C (USB 5Gbps) with DisplayPort function and 100W PD in / RJ-45)*
Punch out port 2 (one of VGA / DisplayPort / HDMI 4K / HDMI 8K / RJ-45 / serial / Thunderbolt 4)*
2x USB-A (USB 10Gbps / USB 3.2 Gen 2)*
4x USB-A (USB 10Gbps / USB 3.2 Gen 2)*
4x GbE RJ-45, via additional PCIe adapter*
4x serial (via 4-port serial expansion card, PCIe x1)*

Security & Privacy

Security
Discrete TPM 2.0
Kensington Security Slot
Chassis Intrusion Switch

Manageability

System Management* [6]
Intel vPro Enterprise*

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

Lenovo services

Base Warranty
Up to 3-year limited onsite service

Certifications

Green Certifications [7] [8]
ENERGY STAR 9.0*
EPEAT Gold Registered*
ErP Lot 3
RoHS compliant
TCO Certified 10.0

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

[8]*EPEAT is registered where applicable, please see epeat.net for registration status by country.*

Other Certifications
TÜV Rheinland Ultra Low Noise*
MIL-STD-810H