

ThinkCentre M90q Gen 5

Equipped with up to 14th Gen Intel® Core™ i7 processor, 64GB DDR5 memory, and 4TB SSD storage, this desktop facilitates swift data analysis and multitasking. It is ideal for professionals handling large datasets, financial models, and architectural plans, ensuring efficient system management, research, strategy development, and result delivery. Portable and robust, it empowers users to maintain high productivity and make informed decisions.



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.

Equipped with Intel® UHD graphics, the compact 1L desktop supports four displays, ideal for multitasking professionals in healthcare, finance, software, media creation, and field research needing efficiency and high performance.

Wi-Fi 6E ensures ultra-fast connectivity, ideal for efficient data transfers; USB-C/A, DisplayPort, and HDMI ports offer versatile compatibility, equipping professionals to adeptly manage complex, data-intensive tasks from their desks.

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..



Accessories

ThinkVision MC50 Monitor Webcam

- 1080p webcam with 1/2.9-inch large sensor delivers super video clarity
- Flexible setup by tilting up to $\pm 30^\circ$ and swiveling the camera -45° to 225° to be in the position for your needs
- Anti-theft locking functionality with a physical key



PN: 4XC1D66056

ThinkVision T34w-30 Monitor

- Its 3-side near-edgeless, immersive 34-inch WQHD curved display gives a wider view for enhanced productivity.
- Connect and power-up swiftly and efficiently with the one-cable USB-C up to 75W PD port.
- The monitor's enhanced lift range gives users the flexibility to work in the most comfortable posture.



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Performance

Processor

13th or 14th Generation Intel Core i5 / i7 / i9 Processor

Operating System*

Windows 11 Pro or Home
Windows 11 Home Single Language
Windows 11 IoT Enterprise LTSC 2024
Windows 11 DG Windows 10 Pro 64
Ubuntu Linux

Graphics

Intel UHD Graphics 770 (Integrated)

Chipset

Intel Q670 Chipset

Memory¹

Up to 64GB DDR5, two SODIMM slots

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

Storage²

Up to two drives, 2x M.2 SSD
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.

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)

Dimensions³

179 x 182.9 x 36.5 mm (7.05 x 7.2 x 1.44 inches)

³The system dimensions may vary depending on configurations.

Weight⁴

Around 1.25 kg (2.76 lbs)

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

Color

Black

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

802.11be (Wi-Fi 7) or 802.11ax (Wi-Fi 6E), Bluetooth 5.3
Up to Intel Wi-Fi 7 BE200, Bluetooth 5.3

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

Front ports

1x USB-A (USB 10Gbps / USB 3.2 Gen 2, Always On and 5V@2.1A charging)
1x USB-A (USB 10Gbps / USB 3.2 Gen 2)
1x headphone / microphone combo jack (3.5mm)
1x USB-C (USB 20Gbps / USB 3.2 Gen 2x2), data transfer only

Rear ports

1x USB-A (USB 5Gbps / USB 3.2 Gen 1)
2x USB-A (USB 10Gbps / USB 3.2 Gen 2)
1x HDMI 2.1 TMDS
1x DisplayPort 1.4a (HBR2, DSC)
1x Ethernet (GbE RJ-45)
1x USB-A (USB 5Gbps / USB 3.2 Gen 1), with Smart Power On
2x USB-A (USB 5Gbps / USB 3.2 Gen 1), occupies port 1 and 2*
4x USB-A (USB 5Gbps / USB 3.2 Gen 1), occupies port 1 and 2*
4x GbE RJ-45, via additional PCIe adapter*
4x serial (via 4-port serial expansion card, PCIe x1)*
Punch out port 1
One of VGA / DisplayPort / HDMI / serial / USB-C (USB 5Gbps) with DisplayPort function
Punch out port 2
One of VGA / DisplayPort / HDMI / serial / RJ-45)

Security & Privacy

Security

Discrete TPM 2.0
Kensington Security Slot
Chassis Intrusion Switch

Manageability

System Management*⁶

Intel vPro Enterprise*

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

Environmental

Material

85% PCC recycled plastic used in product chassis
95% PCC recycled plastic used in USB keyboard/mouse
90% PIC recycled plastic EPE cushion or 90% PCC recycled plastic thermal shell with 30% OBP material
30% OBP used in bag/FSC certified paper in packaging

Lenovo services

Base Warranty

Up to 3-year limited onsite service

Certifications

Green Certifications^{7 8}

EPEAT Gold 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 [epeat.net](https://www.epeat.net) for registration status by country.

Other Certifications

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