

# 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.



## Rugged compact performance primed for business

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.

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..



### On-site Service

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

## Accessories

### ThinkVision MC50 Monitor Webcam

- 1080p webcam with 1/2.9-inch large sensor delivers super video clarity
- Flexible setup by tilting up to +/-30° 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.



# ThinkCentre M90q Gen 5

## Performance

### Processor

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

### Operating System

Windows 11 Pro  
 Windows 11 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

### Memory <sup>1</sup>

Up to 64GB DDR5, two SO-DIMM slots

<sup>1</sup>The max memory is based on the test results with current Lenovo memory offerings.

### Storage <sup>2</sup>

Up to two drives, 2x M.2 SSD  
 M.2 SSD up to 2TB each

<sup>2</sup>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 \*

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

## Design

### Form factor

Tiny (1L)

### Dimensions <sup>3</sup>

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

<sup>3</sup>The system dimensions may vary depending on configurations.

### Weight <sup>4</sup>

Around 1.25 kg (2.76 lbs)

<sup>4</sup>The system weight is approximate and may vary depending on configurations

### 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\* <sup>5</sup>

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

<sup>5</sup>Wi-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\* <sup>6</sup>

Intel vPro Enterprise\*

<sup>6</sup>Intel vPro offers a superset of DASH's defined capabilities.

## Lenovo services

### Base Warranty

Up to 3-year limited onsite service

## Certifications

### Green Certifications <sup>7 8</sup>

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

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

<sup>8</sup>EPEAT 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