

# ThinkCentre neo 50q Gen 4

This fast and intuitive 1-liter small form factor equipped with the processing power of up to 13th Gen Intel Core i5 processor delivers high performance to business professionals. Combined with integrated Intel UHD graphics, the desktop enables faster responsiveness for memory-intensive data applications. Additionally, the modern workforce can work efficiently and store heavy files with up to 32GB DDR4 memory and up to 1TB SSD storage.



## Mainstream computing for a variety of business uses

ThinkCentre Neo series offers organizations enhanced manageability and security features, along with additional configuration and expansion options.

For enhanced accessibility, the desktop allows professionals to access up to three independent displays via HDMI, DisplayPort, and VGA ports; plus plugging in USB drives, extra cables, or checking a connection is a lot less tedious.

Discreet TPM 2.0 chipset, chassis intrusion switch, Kensington security slot, and BIOS security prevent unauthorized access into the interior of the system.

The device is energy-efficient, with optional Energy Star 8.0 and optional EPEAT Gold certifications, ensuring businesses save money and reduce environmental impact.

## 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 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 neo 50q Gen 4

## Performance

### Processor

12th Generation Intel Core i3, or 13th Generation Intel Core i5 Processor

### Operating System

Windows 11 Pro  
 Windows 11 Home  
 Windows 11 Home Single Language  
 Windows 11 DG Windows 10 Pro 64  
 Ubuntu Linux

### Graphics

Intel UHD Graphics (integrated)

### Chipset

AMD SoC (System on Chip) platform

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

Up to 32GB DDR4-3200, 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, 1x 2.5" HDD + 1x M.2 SSD  
 2.5" HDD up to 1TB  
 M.2 SSD up to 1TB

<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, Realtek ALC256 codec

### Power Supply \*

65W 89% adapter\*  
 90W 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 1.11 kg (2.45 lbs)

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

### Expansion Slots

One M.2 slot (for WLAN)  
 One M.2 slot (for SSD)

## Connectivity

### WLAN + Bluetooth\*

Up to AX2011ax, Bluetooth 5.1

### Front ports

1x USB 3.2 Gen 2 (Always On and 5V@2.1A charging)  
 1x USB-C 3.2 Gen 2 (support data transfer and 5V@0.9A charging)  
 1x headphone / microphone combo jack (3.5mm)

### Rear ports

1x HDMI 2.1 TMDs  
 1x DisplayPort 1.4  
 2x USB 2.0  
 2x USB 3.2 Gen 2  
 1x Ethernet (RJ-45)  
 1x VGA (Punch out port)\*  
 1x DisplayPort 1.4(Punch out port)\*  
 1x Serial (Punch out port)\*

## Security & Privacy

### Security

Firmware TPM 2.0 integrated in SoC  
 Kensington Security Slot, 3 x 7 mm  
 Chassis intrusion switch

## Lenovo services

### Base Warranty

Up to 1-year limited onsite service

## Certifications

### Green Certifications <sup>5 6</sup>

EPEAT Gold Registered\*  
 ENERGY STAR 8.0\*  
 ErP Lot 3 and Lot 7  
 TCO Certified 9.0  
 RoHS compliant

<sup>5</sup>The items listed under the "Green Certifications" section may not only refer to certification but also registration or self-declaration.

<sup>6</sup>EPEAT is registered where applicable, please see <https://www.epeat.net> for registration status by country.

### Other Certifications

TÜV Rheinland Low Noise\*