

# ThinkCentre neo 50q Gen 4 Thin Client

The fast and intuitive 1-liter small form factor is designed to provide high performance to business professionals with the processing power of up to 12th Gen Intel Core i3 processor. Combined with integrated Intel UHD graphics, this device ensures faster responsiveness for memory-intensive data applications. Moreover, with up to 32GB DDR4 memory and up to 256GB SSD storage, the modern workforce can work efficiently and store heavy files.



The desktop computer facilitates improved accessibility by enabling professionals to connect with up to three distinct displays through HDMI, DisplayPort, and VGA ports. Additionally, the process of connecting USB drives, extra cables, or verifying a connection is significantly less cumbersome.

Prevent unauthorized access to the system with security solutions such as integrated TPM 2.0 chipset, BIOS security, chassis intrusion switch, and Kensington security slot.

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

## 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.

## 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

### Lenovo Professional Wireless Keyboard & Mouse

Wireless keyboard and mouse combo with reliable 2.4 GHz wireless connection  
 Slim keyboard with number pad, noise-suppression design, dedicated media controls & adjustable tilt legs  
 Contoured design of the mouse suits both left-handed & right-handed users



PN: 4X30H56796

### 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

# ThinkCentre neo 50q Gen 4 Thin Client

## Performance

### Processor

Intel Celeron, or 12th Generation Intel Core i3 Processor

### Operating System

Windows 10 IoT Enterprise  
IGEL Linux  
LeTOS V2 (Lenovo Terminal Operating System, Linux-based)

### Graphics

Intel UHD Graphics (integrated)

### Chipset

AMD SoC (System on Chip) platform

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

Intel Celeron models:  
up to 16GB DDR4-3200, 1x SO-DIM

Intel Core models:  
up to 32GB DDR4-3200, 2x SO-DIM

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

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

One drive, 256GB M.2 SSD

<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 AX201 11ax, 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

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

## Lenovo services

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\*