

# 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  $\pm 30^\circ$  and swiveling the camera  $-45^\circ$  to  $225^\circ$  to be in the position for your needs  
Anti-theft locking functionality with a physical key



PN: 4XC1D66056



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## 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. The system may support more memory as the technology develops.

**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. The system may support larger storage as the technology develops.

**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\*

Items with \* are optional and only available on selected models. Information presented here may represent the maximum possible configurations for this product, but it does not necessarily reflect what is available in your region. Please ask your rep or check the specifications for specific Part Numbers in your region. © 2023 Lenovo. Products are available while supplies last. Lenovo is not responsible for photographic or typographic errors. Lenovo, the Lenovo logo, ThinkPad, ThinkCentre, ThinkBook, ThinkStation and ThinkVision are trademarks or registered trademarks of Lenovo. 3rd party product and service names may be trademarks of others. Depending on factors such as the processing capability of peripheral devices, file attributes, system configuration and operating environments, the actual data transfer rate of USB connectors will vary and is typically slower than published standards.