

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.



Rugged compact performance primed for business

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

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.

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

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° to 225° 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 LTSC 2021
IGEL Linux
LeTOS V2 (Lenovo Terminal Operating System, Linux-based)

Graphics
Intel UHD Graphics (integrated)

Chipset
Intel SoC (System on Chip) platform

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

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

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

Storage ²
One drive, 256GB M.2 SSD

²The 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 ³
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.

Weight ⁴
Around 1.11 kg (2.45 lbs)

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

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

Cooling system ^{*}
1x system fan*

Connectivity

WLAN + Bluetooth ^{*}
Up to AX201 802.11ax (Wi-Fi 6), 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 ^{5 6}
EPEAT Gold Registered*
ENERGY STAR 8.0*
ErP Lot 3 and Lot 7
TCO Certified 9.0
RoHS compliant

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

⁶EPEAT is registered where applicable, please see [epeat.net](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. © 2024 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.