

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

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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 ¹

Up to 32GB DDR4-3200, two SO-DIMM slots

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

Storage ²

Up to two drives, 1x 2.5" HDD + 1x M.2 SSD
2.5" HDD up to 1TB
M.2 SSD up to 1TB

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)

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 ^{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 <https://www.epeat.net> for registration status by country.

Other Certifications

TÜV Rheinland Low Noise*