

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.



Empowering the modern workforce with a streamlined desktop experience

ThinkCentre Neo series offers 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..



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

ThinkBook Bluetooth Silent Mouse

- Bluetooth mouse with silent buttons for noise-free operation
- Low-profile design suitable for both right-handed and left-handed users
- 4 buttons, 2-way scrolling with easy DPI adjustment: 2400, 1600, 800



PN: 4Y50X88824

ThinkCentre neo 50q Gen 4

Performance

Processor

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

Operating System*

Windows 11 Pro or Home
Windows 11 DG Windows 10 Pro 64
Ubuntu Linux

Graphics

Intel UHD Graphics (integrated)

Chipset

Intel SoC (System on Chip) platform

Memory

Up to 32GB DDR4-3200, two SODIMM slots

Storage

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

Audio*

High Definition (HD) Audio, Realtek ALC256 codec

Power Supply*

65W 89% adapter
90W 89% adapter

Design

Form factor

Tiny (1L)

Dimensions

179 x 182.9 x 36.5 mm (7.05 x 7.2 x 1.44 inches)

Weight

Around 1.11 kg (2.45 lbs)

Expansion Slots

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

Cooling system*

1x system fan

Connectivity

WLAN + Bluetooth*

802.11ax (Wi-Fi 6), Bluetooth 5.2
Up to Realtek Wi-Fi 6 RTL8852BE, Bluetooth 5.2

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

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

Other Certifications

TUV Rheinland Low Noise*