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.

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.

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

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

ThinkCentre neo 50q Gen 4

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

[1]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 [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

[2]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 [3]
179 x 182.9 x 36.5 mm (7.05 x 7.2 x 1.44 inches)

[3]The system dimensions may vary depending on configurations.

Weight [4]
Around 1.11 kg (2.45 lbs)

[4]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 [5] [6]
EPEAT Gold Registered*
ENERGY STAR 8.0*
ErP Lot 3 and Lot 7
TCO Certified 9.0
RoHS compliant

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

[6]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.