

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

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Key Specifications

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)
Memory
Up to 32GB DDR4-3200, two SO-DIMM 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
Optical
Optional DVD burner (DVD±RW), SATA connector, slim (9.0mm)
Additional Internal Bays
2.5" HDD Bracket
Expansion Slots
One M.2 slot (for WLAN) One M.2 slot (for SSD)
Power Supply
One of the following 135W 89% Adapter 65W 89% Adapter 90W 89% Adapter
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)

Green Certifications

Optional EPEAT Gold, Optional ENERGY STAR 8.0, ErP Lot 3 and Lot 7, TCO Certified 9.0, RoHS compliant

Other Certifications

Optional TÜV Rheinland Low Noise, Optional TÜV Rheinland Ultra Low Noise

Connectivity

Front I/O
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 I/O
1x HDMI 2.1 TMDS, 1x DisplayPort 1.4, 2x USB 2.0, 2x USB 3.2 Gen 2, 1x Ethernet (RJ-45), Optional 1x VGA (Punch out port), Optional 1x DisplayPort 1.4(Punch out port), Optional 1x Serial (Punch out port)*
Optional Rear Ports
One of the following DP 1.4 Serial VGA
WLAN + Bluetooth
One of the following Intel Wi-Fi 6 AX201, 11ax 2x2 + BT5.1 Realtek Wi-Fi 6 RTL8852BE, 11ax 2x2 + BT5.1
Ethernet
Integrated 100/1000M
Security & Privacy
Chassis Intrusion Switch Firmware TPM 2.0 integrated in SoC Kensington Security Slot, 3 x 7 mm Chassis intrusion switch
Manageability
Non-vPro