

# 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 offers a comprehensive portfolio of end-to-end services to support and protect your investment - so you can focus on learning, not IT.



### 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

## 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