ThinkCentre neo 50q Gen 4

Smarter technology for all

Lenovo

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.

REASONS TO BUY

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.

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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* 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

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

Recommended for this device

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

On-site Service

If a problem can't be fixed remotely, we will visit your location

Normally next business day service

Agreed appointment times