

ThinkCentre neo 50q Gen 5

This intuitive 1-liter tiny form factor, powered by Intel® U-series, 13th Generation Intel® Core™ i3 Processor or Intel® H Series Core 5 / 7 Processor, provides efficient multitasking and responsiveness, whether handling office productivity suites or intensive workloads like data analytics. Integrated Intel® UHD Graphics ensures sharp visuals and smooth rendering, contributing to cost-efficiency and energy savings. Additionally, support for up to three independent displays via onboard DisplayPort, HDMI®, and an optional VGA or second DisplayPort enables multi-monitor setups, enhancing workflow efficiency and allowing professionals to manage tasks, monitor dashboards, and participate in virtual meetings simultaneously.



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.

The support for up to 64GB DDR5-5600 memory delivers seamless multitasking and rapid data processing, essential for handling demanding workloads and large datasets. Its compatibility with an optional 100mm VESA mount and Power Adapter Cage provides versatile installation options, allowing for a clutter-free, space-saving setup for office environments or digital signage.

The inclusion of a discrete TPM 2.0 chipset ensures robust hardware-based encryption for sensitive data, enhancing system integrity and compliance with enterprise security standards. Additionally, Kensington® Security Slot™ enables secure anchoring to prevent device theft.

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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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

Lenovo QHD Webcam

- Adaptive framing, smart focus, clarity
- AI noise-cancelling mic included
- Hassle-free setup and use



PN: 4XC1Q25245

Lenovo Essential Wireless Combo Keyboard & Mouse Gen 2



- Embrace the freedom of a clutter-free and cable-free work setup.
- Ergonomically sculpted cups and low-profile island keys for maximum comfort.
- A 2.4 MHz receiver for a seamless keyboard and mouse connection.

PN: 4X31N50708 – 4X31N50757

ThinkCentre neo 50q Gen 5

Performance

Processor
Intel U-series, 13th Generation Intel Core i3 Processor or Intel H Series Core 5 / 7 Processor (Series 2)

Operating System*
Windows 11 Pro or Home
Ubuntu Linux

Graphics
Intel UHD Graphics (integrated)

Chipset
Intel SoC (System on Chip) platform

Memory
Up to 64GB DDR5-5600, two SODIMM slots

Storage
Up to two drives, 2x M.2 SSD
M.2 SSD up to 1TB each

Audio*
High Definition (HD) Audio
Single speaker, 2W x1*

Power Supply*
65W 89% adapter
90W 89% adapter
135W 89% adapter
135W 90% adapter

Design

Form factor
Tiny (1L)

Dimensions
Tiny only (without rubber feet): 179 x 182.9 x 34.5 mm (7.05 x 7.2 x 1.36 inches)
Tiny only (with rubber feet): 179 x 182.9 x 36.5 mm (7.05 x 7.2 x 1.44 inches)

Weight
Around 1.13 kg (2.45 lbs)

Color
Raven Black

Expansion Slots
Three M.2 slots (one for WLAN, two for SSD)

Connectivity

Ethernet*
Gigabit onboard Ethernet*
2.5GbE Onboard Ethernet*

WLAN + Bluetooth*
802.11be (Wi-Fi 7) or 802.11ax (Wi-Fi 6 / Wi-Fi 6E), Bluetooth 5.2, 5.3 or 5.4
Up to Realtek Wi-Fi 7 RTL8922AE, Bluetooth 5.4

Front ports
1x USB-A (USB 10Gbps / USB 3.2 Gen 2), with Always On and 5V@2.1A charging
1x headphone / microphone combo jack (3.5mm)
1x USB-C (USB 10Gbps / USB 3.2 Gen 2), with data transfer and 5V@3A charging

Rear ports
2x USB-A (Hi-Speed USB / USB 2.0)
2x USB-A (USB 10Gbps / USB 3.2 Gen 2)
1x HDMI 2.1 TMDS
1x Ethernet (GbE RJ-45)
1x Power connector
1x DisplayPort 1.4b
Punch out port (one of VGA / DisplayPort 1.4b / serial / 2.5GbE RJ-45)

Security & Privacy

Security
Discrete TPM 2.0
Kensington Security Slot

Manageability

System Management*
Non-vPro

Environmental

Material
90% PIC recycled plastic EPE cushion
90% PCC recycled plastic thermal shell with 30% OBP material
30% OBP used in bag
FSC certified paper in packaging

Lenovo services

Base Warranty
Up to 1-year limited onsite service

Certifications

Green Certifications
ENERGY STAR 9.0*
EPEAT 1.0 Gold Registered*
RoHS compliant
TCO Certified 10

Other Certifications
TÜV Rheinland Ultra 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. © 2026 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.