



The product images are for illustration purposes only. Actual product appearance, ports, keyboard layout, and accessories may vary by model.

- Intel Core i5-13420H, 8C (4P + 4E) / 12T, P-core up to 4.6GHz, E-core up to 3.4GHz, 12MB Intel Smart Cache
- 1x 8GB SODIMM DDR4-3200
- 512GB SSD M.2 2280 PCIe 4.0x4 NVMe Opal 2.0
- Integrated Intel UHD Graphics
- Windows 11 Pro, WE (EN/FR/DE/NL/IT)
- Case color - Black
- 1Y Onsite from 1Y Depot WHB (CPN)

## Premier Support - A direct 24x7x365 line to our most elite technicians.

- Advanced technical support, 24x7x365, in more than 100 markets
- Technical Account Managers for proactive relationship and escalation management
- Comprehensive hardware & OEM software support
- Priority on service delivery and repair parts
- Single point of contact for simplified end-to-end case management
- Lenovo Service Connect Portal for customized reporting and product support

## Accidental Damage Protection - Protection of your PC from the unexpected.

Experience shows that a significant portion of devices may be damaged (and not covered under warranty) in the first three years. Lenovo's Accidental Damage Protection service covers accidents beyond the system warranty such as drops, spills, bumps and even electrical surges. Make sure your new device has maximum protection, avoid unplanned costs and get peace of mind.

## Base Warranty - Included with the systems you purchase, default 1- or 3-year coverage window.

## Warranty Extensions & Upgrades - Service and protection that's right for your circumstances.

- Pick Up & Return Courier
- Onsite Support
- Technician Installed Customer
- Replaceable Unit Service
- International Warranty Upgrade

## Recommended Accessories Italy



Lenovo Dual-Mode Wireless ANC Headset 6550 (USB-C, Teams)  
4XD1S19778



Lenovo Essential Compact Wireless Mouse  
4Y50R20864



Lenovo PS8S Portable SSD 4TB  
4XB1T91892



Lenovo 310 FHD Webcam Black  
GXC1S15024



ThinkCentre Tiny Mounting Kit  
4XF1R07369



ThinkCentre Tiny DP Expansion Card with BTB Connector  
4XH1K25075

>> [View More Accessories](#)

**PERFORMANCE****Processor**

Intel Core™ i5-13420H, 8C (4P + 4E) / 12T, P-core up to 4.6GHz, E-core up to 3.4GHz, 12MB Intel® Smart Cache<sup>[1]</sup>

**Graphics**

Integrated Intel® UHD Graphics

**Chipset**

Intel® SoC Platform

**Memory**

1x 8GB SODIMM DDR4-3200

**Memory Slots**

Two DDR4 SODIMM slots, dual-channel capable

**Max Memory<sup>[2]</sup>**

Up to 32GB DDR4-3200

**Storage**

512GB SSD M.2 2280 PCIe® 4.0x4 NVMe® Opal 2.0

**Max Storage Support<sup>[3][4]</sup>**

Up to two drives, 1x 2.5" HDD + 1x M.2 SSD • 2.5" HDD up to 1TB • M.2 SSD up to 1TB

**Card Reader**

No card reader

**Optical**

None

**Audio Chip**

High Definition (HD) Audio, Realtek® ALC256 codec

**Speakers**

2Wx1

**Microphone**

No microphone

**Power Supply<sup>[5]</sup>**

65W 89% Adapter

**DESIGN****Keyboard**

USB Calliope Keyboard, Black, Italian

**Mouse**

USB Calliope Mouse, Black

**Optional Bay**

2.5" HDD Bracket

**Expansion Slots**

Two M.2 slots (one for WLAN, one for SSD)

**Case Color**

Black

**System Fan**

1x System Fan

**Stand**

None

**Adapter Cage**

None

**Toolless Chassis Screw**

Toolless Chassis Screw

**Mounting**

None

**Pen**

Pen Not Supported

**Form Factor**

Tiny (1L)

**Dimensions (WxDxH)<sup>[6]</sup>**

179 x 182.9 x 36.5 mm (7.05 x 7.2 x 1.44 inches)

**Weight<sup>[7]</sup>**

Around 1.11 kg (2.45 lbs)

**CONNECTIVITY****WLAN + Bluetooth**

Intel® Wi-Fi® 6 AX201, 802.11ax 2x2 + BT5.2

**WWAN**

WWAN Not Supported

**Ethernet**

Integrated 100/1000M

**Front Ports**

- 1x USB-C® 3.2 Gen 2 (support data transfer and 5V@0.9A charging)
- 1x USB 3.2 Gen 2 (Always On and 5V@2.1A charging)
- 1x headphone / microphone combo jack (3.5mm)

**Optional Front Ports (configured)**

None

**Rear Ports**

- 1x HDMI® 2.1 TMDS
- 1x DisplayPort™ 1.4
- 1x Ethernet (RJ-45)
- 2x USB 2.0
- 2x USB 3.2 Gen 2

**Optional Rear Ports (configured)**

None

**Monitor Cable**

None

**SECURITY & PRIVACY****Security Chip**

Firmware TPM 2.0 integrated in SoC

**Physical Locks**

Kensington Security Slot™, 3 x 7 mm

**Chassis Intrusion Switch**

Chassis Intrusion Switch

**MANAGEABILITY****System Management**

Non-vPro®

**SERVICE****Base Warranty**

1-year, Courier or Carry-in

**Included Upgrade**

1Y Onsite from 1Y Depot WHB (CPN)

**CERTIFICATIONS****Green Certifications**

- ENERGY STAR® 8.0
- EPEAT™ Gold Registered
- ErP Lot 3/7
- RoHS compliant
- TCO Certified 9.0

**SOFTWARE****Operating System**

Windows® 11 Pro, WE (EN/FR/DE/NL/IT)

**Bundled Software**

None

**MODEL**

**Product** : ThinkCentre neo 50q Gen 4

**TopSeller** : Yes **EAN / UPC / JAN:** 0196804562223

**Announce Date:** 2023-04-18 **End of Support** : 2029-11-18

**Note:**

[1] Intel Max Turbo frequency will vary depending on application workload and the hardware and software configurations, see <http://www.intel.com/technology/turboboost/> for more information.

[2] The max memory is based on the test results with current Lenovo memory offerings.

[3] The max capacity of each disk type is based on the test results with current Lenovo storage offerings.

[4] 2.5" HDD bracket kit only comes with pre-configured HDD models.

[5] The optional 90w adapter may increase performance scores when i5-13420H CPUs are installed. When work with TIO monitor, an appropriate power adapter is needed. Customer may need to: ? Order a Tiny for TIO MT (12LQ, 12LR) models ? Or for Intel Core i5 models order an additional 135W power adapter, for Intel Core i3 models order an additional 90W power adapter. If original power adapter is less than 135W (i5 models) or 90W (i3 models). For detailed information, please refer to [ThinkCentre neo 50q Gen 4 Adapter Matrix](#)

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

[7] The system weight is approximate and based on results in Lenovo lab, which varies depending on the source of component, variance of the distribution of each component, and manufacturing process. It may not be the exact weight for each specific model.

- Please refer to the official [Lenovo store website](#) or contact a local Lenovo sales representative or authorized business partner for current inventory and purchase options.
- Lenovo reserves the right to change specifications without notice.