

ThinkCentre Neo 50t Gen 4

Step into the world of optimal productivity with this desktop computer designed to enhance the work experience for modern professionals in their offices. Equipped with the up to 13th Gen Intel Core i9 processors, it can handle tasks that require resource-intensive applications without frustrating lags. The support of up to 3 independent displays enables professionals to expand their workspace and connect to peripherals using the USB-C and HDMI ports during client presentations.



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.

The advanced graphics capabilities of this desktop powered by the choice of Intel UHD or AMD Radeon graphics help graphic designers and business analysts enjoy a heightened level of clarity in 3D renderings and details in statistical data.

With up to 3 TB storage, users can keep their digital assets organized and readily accessible, so they never miss a beat during crucial presentations or important client meetings.

The device is certified with Energy Star 8.0 and EPEAT Gold certifications to ensure businesses save money and reduce impact on the environment.

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..



Return To Depot Repair Warranty

- No-hassle repair process at a Lenovo service center
- Lenovo pays for all shipping between the customer and service facility
- Avoid unplanned operational expense with a simple annual fee

Accessories

Lenovo 100 Stereo USB Headset

- On-Ear stereo USB headset. Plug and Play with USB-A connector.
- Rotatable Boom Microphone with passive noise cancellation for clearer audio during VoIP calls
- Lightweight design with leather and memory-form earcups for all-day comfort.



PN: 4XD0X88524

Lenovo Professional Wireless Keyboard & Mouse

- Wireless keyboard and mouse combo with reliable 2.4 GHz wireless connection
- Slim keyboard with number pad, noise-suppression design, dedicated media controls & adjustable tilt legs
- Contoured design of the mouse suits both left-handed & right-handed users



PN: 4X30H56796

ThinkCentre Neo 50t Gen 4

Performance

Processor
Intel Celeron, Pentium, or 12th / 13th Gen Core i3 / i5 / i7 / i9

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)
AMD Radeon RX 6400

Chipset
Intel B660 chipset

Memory ¹
Up to 64GB DDR4-3200, two UDIMM slots

¹The max memory is based on the test results with current Lenovo memory offerings.

Storage ²
Up to two drives, 1x 3.5" HDD + 1x M.2 SSD
3.5" HDD up to 2TB
M.2 SSD up to 1TB

²The max capacity of each disk type is based on the test results with current Lenovo storage offerings.

Optical *
DVD-ROM or DVD±RW*

Audio
High Definition (HD) Audio with single speaker

Power Supply *
380W 92% PSU
310W 92% PSU
260W 90% PSU
180W 85% PSU

Design

Form factor
Tower (13.6L)

Dimensions ³
145 x 294 x 340 mm (5.71 x 11.57 x 13.39 inches)

³The system dimensions may vary depending on configurations.

Weight ⁴
Around 5.5 kg (12.1 lbs)

⁴The system weight is approximate and may vary depending on configurations

Color
Black

Bays
1x 3.5" disk bay
1x slim ODD bay

Expansion Slots
Two PCIe 3.0 x1
One PCIe 4.0 x16
Two M.2 slots (one for WLAN, one for SSD)

Cooling system
1x rear system fan*
1x front system fan*
1x Photocatalyst System fan*

Connectivity

Ethernet
Gigabit onboard Ethernet

WLAN + Bluetooth *
802.11ax (Wi-Fi 6), Bluetooth 5.1
Up to Intel Wi-Fi 6 AX201, Bluetooth 5.1

Front ports
2x USB 3.2 Gen 1
2x USB 3.2 Gen 2
1x USB-C 3.2 Gen 1
1x headphone / microphone combo jack (3.5mm)
1x microphone (3.5mm)
1x card reader*

Rear ports
4x USB 2.0
1x VGA
1x HDMI 1.4b
1x DisplayPort 1.4
1x serial (9-pin)
1x Ethernet (RJ-45)
1x headphone (3.5mm)
2x PS/2*
1x 2nd serial*
1x parallel*

Security & Privacy

Security
Discrete TPM 2.0
Kensington Security Slot
Padlock Loop
Chassis Intrusion Switch*
Smart Cable Clip*
Fingerprint Reader*

Lenovo services

Base Warranty
Up to 1-year limited onsite service

Certifications

Green Certifications ⁵
EPEAT Gold Registered*
EPEAT Silver Registered*
ENERGY STAR 8.0*
TCO Certified 9.0
RoHS / WEEE / REACH

⁵The items listed under the "Green Certifications" section may not only refer to certification but also registration or self-declaration.

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. © 2023 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.