

ThinkCentre neo 50s Gen 4

This fast and intuitive 7.4-liter small form factor equipped with the processing power of Intel Celeron, Intel Pentium, or up to 12th or 13th Intel Core Gen i7 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 64GB DDR4 memory and up to 2TB 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.

Enhanced accessibility with better performance

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.

Better ergonomics with smart security features

Discreet TPM 2.0 chipset, optional smart cable clip, optional chassis intrusion switch, Kensington security slot, Padlock loop, and BIOS security prevent unauthorized access into the interior of the system.

Effective power management with compact design

With optional EPEAT Gold and EPEAT Silver certifications, the device is energy efficient, thus helping businesses reduce their environmental impact.

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 Go Wired Speakerphone

Microsoft Teams certified, omni-directional far-field 2x microphones array
 Portable plug-and-play capabilities and effortless PC UC support
 Comes with intuitive control with volume wheel, tactile keys, and readable LEDs



PN: 4XD1C82055, GXD1C82051

Lenovo Professional Wireless Laser Mouse

Full-size efficient laser mouse offers ergonomic comfort and precision tracking
 Longer battery life: 2 year battery life provides more convenience for everyday use
 Sleek and stylish design to match a ThinkCentre or ThinkPad system



PN: 4X30H56886

ThinkCentre neo 50s Gen 4

Performance

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

Operating System
Windows 11 Pro 64
Windows 11 Home 64
Windows 11 DG Windows 10 Pro 64
Ubuntu Linux

Graphics
Intel UHD Graphics (integrated)

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. The system may support more memory as the technology develops.

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. The system may support larger storage as the technology develops.

Optical
DVD-ROM or DVD±RW*

Audio
High Definition (HD) Audio with single speaker

Power Supply
260W 90%,180W 85% PSU

Design

Form factor
SFF (7.4L)

Dimensions ³
100 x 308 x 274.8 mm (3.9 x 12.1 x 10.8 inches)

³The system dimensions may vary depending on configurations.

Weight ⁴
Around 4.5 kg (9.9 lbs)

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

Color
Black

Bays
1x 2.5"/3.5" disk bay
1x slim ODD bay

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

Connectivity

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

Front ports
2x USB 3.2 Gen 1
1x USB-C 3.2 Gen 1 (support data transfer and 5V@3A charging)
1x headphone / microphone combo jack (3.5mm)
1x microphone (3.5mm)
1x card reader*

Rear ports
2x USB 2.0
2x USB 3.2 Gen 1
1x VGA
1x HDMI 2.1 TMDS
1x DisplayPort 1.4
1x Ethernet (RJ-45)
1x line-out (3.5mm)
2x USB 2.0*
1x serial*
1x 2nd serial*
1x parallel*

Security & Privacy

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

Lenovo services

Up to 1-year limited onsite service

Certifications

Green Certifications ^{5 6}
EPEAT Gold Registered*
EPEAT Silver Registered*
ENERGY STAR 8.0*
ErP Lot 3
TCO Certified 9.0
RoHS compliant

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

⁶EPEAT is registered where applicable, please see <https://www.epeat.net> for registration status by country.

Other Certifications
TÜV Rheinland Low Noise*
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.