

# 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 <sup>1</sup>**  
Up to 64GB DDR4-3200, two UDIMM slots

<sup>1</sup>The max memory is based on the test results with current Lenovo memory offerings. The system may support more memory as the technology develops.

**Storage <sup>2</sup>**  
Up to two drives, 1x 3.5" HDD + 1x M.2 SSD  
3.5" HDD up to 2TB  
M.2 SSD up to 1TB

<sup>2</sup>The 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 <sup>3</sup>**  
100 x 308 x 274.8 mm (3.9 x 12.1 x 10.8 inches)

<sup>3</sup>The system dimensions may vary depending on configurations.

**Weight <sup>4</sup>**  
Around 4.5 kg (9.9 lbs)

<sup>4</sup>The 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 <sup>5 6</sup>**  
EPEAT Gold Registered\*  
EPEAT Silver Registered\*  
ENERGY STAR 8.0\*  
ErP Lot 3  
TCO Certified 9.0  
RoHS compliant

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

<sup>6</sup>EPEAT 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\*

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