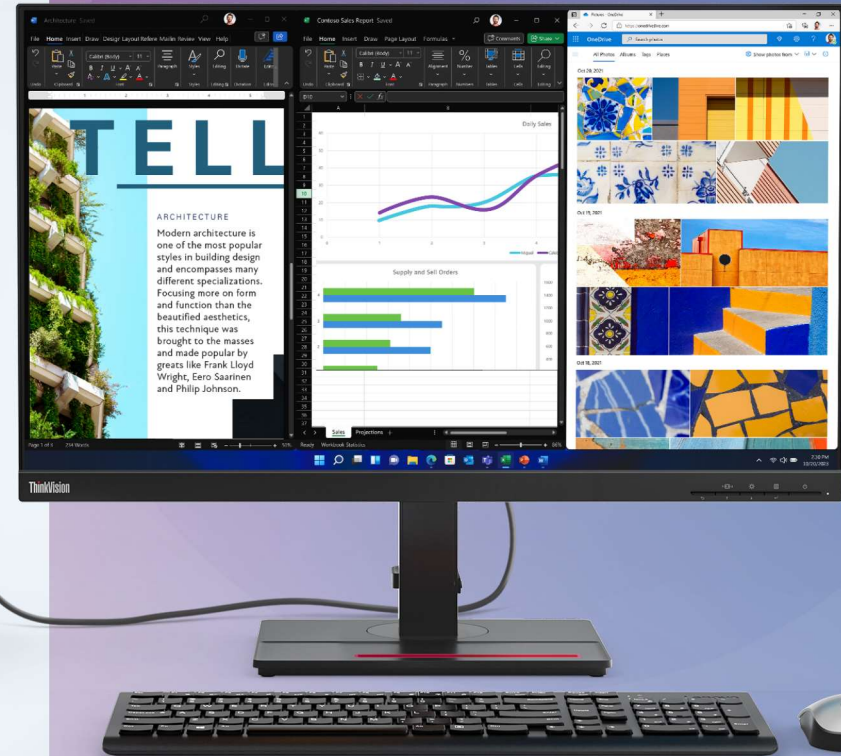


# Performance you need for day-to-day demands

ThinkCentre neo 50s Gen 4  
Small Form Factor Desktop

Version 1.0 | March 2023

ThinkCentre<sup>NEO</sup>



\*Monitor, keyboard, and mouse sold separately.



Powered by  
up to 13<sup>th</sup> Gen Intel® Core™ i7 processor  
with Intel® Iris® Xe MAX graphics

Smarter  
technology  
for all

Lenovo

## ALL THAT YOUR BUSINESS NEEDS AND VALUES

Today's businesses need devices that exceed the expectations of the new workplace professionals. You can enjoy a highly responsive and power-packed performance with the latest generation processor and fast memory. Engineered to boost productivity, ThinkCentre neo 50s Gen 4 is efficient in power management and facilitates collaboration with an eco-friendly appeal.

### OPTIMAL PERFORMANCE WITH INCREDIBLE VALUE

**Accelerated processing:** latest processing technology and intelligent features help boost productivity for everyday work experience. The latest **up to 13<sup>th</sup> Gen Intel® Core™ i7 processor** offers benchmark performance on ThinkCentre neo 50s Gen 4. This platform provides better workload consolidation with more cores and threads. **Intel® Iris® X<sup>e</sup> MAX graphics** for desktops empowers users to enhance their creativity and access high-quality 4K UHD content. It augments system responsiveness, making the tasks of professionals seamlessly easy. Up to **64GB DDR4** memory, dual drive Gen4 SSD, and HDD storage offer high responsiveness when managing intensive work.

**Seamless connectivity:** ThinkCentre neo 50s Gen 4 is armed to enhance collaboration with high-speed USB ports like **USB 3.2 Gen1** and **USB 2.0**. VGA, DP, and **HDMI 2.1 TMDS** ports enable faster video and data transfers. Smart Cable<sup>1</sup> lets you access storage, transfer files, or switch screens between two computing devices with one keyboard and mouse. Designed for congestion-free wireless connectivity, **Wi-Fi 6E** in ThinkCentre neo 50s Gen 4 ensures hassle-free connectivity every time.

**Optimized user experience:** Windows 11 offers app compatibility and cloud management, making adoption easy. Heavy-duty tasks or multiple deliverables for the day - **ICE 6.0** (Intelligent Cooling Engine) augments performance while saving power by automatically adjusting the CPU activity with your different work modes. Get easy and quick access to software updates, personalized settings, hardware diagnostics, warranty information, and technical support all in one place with **Lenovo Vantage**. Thunder Boot reduces the boot time by speeding up the power on process.



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### WHY YOU SHOULD BUY THE THINKCENTRE NEO 50s GEN 4

**More thoughtful sustainability:** ThinkCentre neo 50s Gen 4's eco-friendly and energy-efficient technology ensures sustainability. The bezel contains **Low Volatile Organic Compounds (VOC)**, a low-temperature solder manufacturing process and thus reduces carbon emissions. The eco-friendly chassis and use of Ocean Bound Plastic and PCC ensure new plastic reduction. **EPEAT™ Gold** guarantees that the device meets standards that cover the entire product lifecycle, from design and production to energy use and recycling. **Energy Star® 8.0** comes with power savings of up to 40kWh/year.

**Compact and purposeful:** designed for smaller workspaces with a **7.4L** form factor yet crafted for higher performance, ThinkCentre neo 50s Gen 4 is fast, smart, collaborative, and intuitive. Equipped with higher processing power and memory, it is ideal for the new generation workforce looking to boost productivity. Its innovative feature for effective collaboration and eco-friendly features brings productivity and innovation to the new workplace.

**Secure by design:** with remote working becoming increasingly popular, data security has become the top priority. ThinkCentre neo 50s Gen 4 is backed by **ThinkShield** and physical security features that offer robust device and data security. **Smart Cable Clip<sup>1</sup>** secures devices, such as keyboard and mouse, locking the devices' cables to the desktop. **Kensington™ lock slot** chains the system to a non-movable article, enabling safety against physical theft. **Padlock Loop** prevents the removal of the side cover of the device, preventing component theft.

<sup>1</sup>Optional

RECOMMENDED ACCESSORIES



**SMART CABLE<sup>1</sup>**  
(PN: SC11D96395 / SC11D96396)

This portable plug-and-play cable enhances desktop computing and storage sharing capability to work seamlessly between two computing devices. Smoothly operate two devices within one device screen—switch each device within the same screen with full right to access, copy, move, delete, edit, save, and close applications. Transfer pictures, videos, and files using just one keyboard and mouse with a simple drag-and-drop.



**THINKVISION T27Q-20 MONITOR**  
(PN: 61EDGAR2WW)

Boost your productivity with ThinkVision T27q-20, a 27-inch monitor equipped with a QHD, In-Plane Switching (IPS) panel for distortion-free images. The 3-sided NearEdgeless bezel offers a wider-screen real estate. The versatile connection options, including HDMI, DP, and multiple USB 3.1 Gen1 ports, facilitate easy connectivity with peripherals for faster and smoother data transfer.



**LENOVO PROFESSIONAL WIRELESS COMBO**  
(PN: 4X30M39458 / 4X30M39507)

Connect both keyboard and mouse seamlessly using a wireless 2.4 GHz dongle. The spill-resistant, wireless keyboard with low-profile island-style keys and adjustable tilt leg is responsive and easy to use. The full-size wireless mouse accommodates left and right-handed users with an ambidextrous design, and 1200 DPI resolution gives more precision and control. It comes with a one-year warranty.



**LENOVO 100 STEREO USB HEADSET**  
(PN: 4XD0X88524)

An on-ear business-ready stereo USB headset comes with a rotatable boom microphone and passive noise cancellation, making it perfect for calls and music. Its memory foam and leather earcups make it light and comfortable enough to wear and use all day. 30mm drivers with neodymium magnets deliver excellent audio, while its adjustable headband and boom mic allow either left-side or right-side wearing.

<sup>1</sup>Optional

# ALL THAT YOUR BUSINESS NEEDS AND VALUES

## PERFORMANCE

### Processor

Up to 13<sup>th</sup> Gen Intel® Core™ i7 processor

### Operating System

Up to Windows 11

### Memory

Up to 64GB DDR4 3200MHz (UDIMM)

### Storage

1 x 2TB 7200rpm 3.5" SATA  
1 x 1TB PCIe TLC SSD Gen4

### Graphics

Intel® Iris® X<sup>e</sup> MAX

### Power Supply

180W, 260W

## CONNECTIVITY

### WLAN

Up to Wi-Fi 6E  
Bluetooth 5.1

### LAN

10/100/1000M

### Rear I/O Ports

2 x USB 3.2 Gen1  
2 x USB2.0  
VGA + DP  
HDMI 2.1 TMDS  
2 x Optional 2<sup>nd</sup> serial  
1 x LAN  
1 x Audio out (speaker)

### Front I/O Ports

1 x USB3.2 Gen1 Type-C (15W charging)  
Card Reader<sup>1</sup>  
1 x Audio (combo)+1 x Mic  
2 x USB 3.2 Gen1

### HDD Bay

1 x 3.5" HDD  
1 x 2.5" HDD<sup>1</sup>

### ODD Bay

ODD tray-in (9.0mm)<sup>1</sup>

### Expansion Slot

1 x PCIe 16x Gen4 slot  
1 x PCIe 1x slot

## DESIGN

### Form Factor

7.4L

### Color

Chassis: Raven Black  
Bezel: Business Black

### Dimensions (W x D x H)

**Size Packed w/stand**  
195 x 390 x 500mm  
7.6 x 15.3 x 19.6 inches

### Size Unpacked w/stand (Lowest position)

100 x 308 x 274.8mm  
3.9 x 12.1 x 10.8 inches

### Weight

4.5kg/9.9lbs.

## SECURITY

Smart Privacy Mode  
Smart SSD Health  
Self-healing BIOS 2.0  
Smart USB Protection  
ThinkShield Security  
HW TPM  
Kensington™ lock slot  
Padlock Loop  
Smart Cable Clip<sup>1</sup>  
Chassis Intrusion Switch<sup>1</sup>

## SOFTWARE

Lenovo Vantage  
Microsoft® Office 2021 Trial (Except Japan)  
McAfee™ LiveSafe™ (Except Russia)

## CERTIFICATION

Energy Star® 8.0  
EPEAT™ Gold  
EPEAT™ Silver  
TÜV Low Noise  
TCO 9.0  
ErP Lot3  
RoHS



## RECOMMENDED SERVICES

Lenovo offers a comprehensive portfolio of services to support and protect your investment—so you can focus on your work, not your IT. Our portfolio of services supports the full lifecycle of your Lenovo IT assets. From initial strategic planning to customized configuration, deployment, support, protection, security, and asset recovery—Lenovo has solutions to help you embrace new workplace technologies.

### PREMIER SUPPORT

No matter where you or your employees are located, you have direct, 24x7x365 access to elite Lenovo engineers, unscripted troubleshooting, comprehensive hardware, and OEM software support, priority on service delivery, repair parts, and more.

### LENOVO DEVICE AS A SERVICE

Combine hardware, services, and software into a single, flexible solution to maintain predictable monthly costs. This innovative, fully managed model drives down capital IT expenses while ensuring your employees experience the latest technology to keep them secure and productive.

### WARRANTY EXTENSION (1-YEAR BASE, UP TO 5 YEARS)

This fixed-term, fixed-cost service helps you accurately budget for desktop expenses, protect your valuable investment, and lower the cost of ownership over time.

### LENOVO CO<sub>2</sub> OFFSET SERVICE

Make offsetting carbon emissions simple and within your control. You can use this service to compensate for environmental impact based on realistic emissions over an average product lifecycle. It is offered as an option at point of purchase, with tangible proof of CO<sub>2</sub> emission that offset.

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©2023 Lenovo. All rights reserved. Depending on many factors such as the processing capability of peripheral devices, file attributes, and other factors related to system configuration and operating environments, the actual transfer rate using the various USB connectors on this device will vary and is typically slower than the data rates as defined by the respective USB specifications: ~5 Gbit/s for USB 3.1 Gen1; 10 Gbit/s for USB 3.1 Gen2 & 20 Gbit/s for USB 3.2. These products are available while supplies last. Prices shown are subject to change without notice. For any questions concerning price, please contact your Lenovo Account Executive. Lenovo is not responsible for photographic or typographic errors. Warranty: For a copy of applicable warranties, write to: Warranty Information, 500 Park Offices Drive, RTP, NC 27709, Attn: Dept. ZPYA/B600. Lenovo makes no representation or warranty regarding third-party products or services. Trademarks: Lenovo, the Lenovo logo, Rescue and Recovery, ThinkPad, ThinkCentre, ThinkStation, ThinkVantage, and ThinkVision are trademarks or registered trademarks of Lenovo. Microsoft, Windows, and Vista are registered trademarks of Microsoft Corporation. Intel, the Intel logo, Intel Inside, Intel Core, and Core Inside are trademarks of Intel Corporation in the U.S. and/or other countries. Other company, product and service names may be trademarks or service marks of others.