

ThinkCentre^{NEO}



*Monitor, keyboard, and mouse sold separately.

Smarter
technology
for all

Lenovo

Optimized workspace. Adaptive power management.

ThinkCentre neo 50s Gen 3 Small Form Factor Desktop

Innovated to impress, ThinkCentre neo 50s Gen 3 comfortably exceeds the expectations of the new workplace professionals. Engineered to boost productivity and lower expenses, ThinkCentre neo 50s Gen 3 is efficient in power management and facilitates collaboration with an eco-friendly appeal—all that your business needs and values.

Get highly responsive with power-packed performance, thanks to the latest 12th Gen Intel® Core™ processor and up to 64GB DDR4 memory with up to 2TB HDD and 1TB SSD storage. Smart Cable¹ connectivity facilitates easy transfer with device collaboration while ThinkShield security safeguards data with multi-stage protection.

Whether you create content or collaborate with your team, ThinkCentre neo 50s Gen 3 enhances everyday productivity with adaptive power management, space-saving design, and minimal environmental impact.



Up to 12th Gen Intel® Core™ i9 processor

¹Optional

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ThinkCentre neo 50s Gen 3 Small Form Factor Desktop

Optimal Performance with Incredible Value



*Accessories sold separately

Lenovo



ACCELERATED PROCESSING TO BOOST PRODUCTIVITY: the latest 12th Gen Intel® Core™ processor offers benchmark performance on ThinkCentre neo 50s Gen 3. Intel® Discrete graphics enhances responsiveness, making tasks of professionals seamlessly easy. Up to 64GB DDR4 memory and dual drive Gen4 SSD and HDD storage offer high responsiveness when managing heavy-duty work.



SEAMLESS CONNECTIVITY AND EFFECTIVE COLLABORATION: ThinkCentre neo 50s Gen 3 is equipped to enhance collaboration with high-speed USB ports like USB 3.2 Gen1 and USB 2.0. Additionally, VGA, DP, and HDMI 2.0 ports enable faster video and data transfers.



SMART FEATURES FOR EASY ADAPTABILITY: Smart Cable¹ enhances connectivity between two computers, to smoothly operate two devices within one device screen and seamlessly communicate between keyboards, mouse, files, storage, and screens. The Intelligent Cooling Engine (ICE 5.0) on ThinkCentre neo 50s Gen 3 automatically adjusts the CPU activity with your work modes, enabling more than 20kw/u power savings² and delivering a better work experience.



HIGHLY SUSTAINABLE WITH ECO-FRIENDLY TECHNOLOGY: ThinkCentre neo 50s Gen 3 is stylishly built with a Terrazzo exterior, 85% Post-Consumer Recycled Content (PCC), 90% Post-Industrial Recycled Content (PIC) and a painting-free raw material. It is EPEAT™ Gold certified, which ensures considerable power-saving and durability. While its cutting-edge eco-friendly technology reduces carbon emission considerably, its painting-free bezel reduces Volatile Organic Compounds (VOC) to a fair extent. This ensures a longer life cycle, reduces energy consumption, and helps growing businesses achieve their sustainability goals. Additionally, Ocean Bound Plastic for packaging demonstrates responsible computing.

Why you should buy the ThinkCentre neo 50s Gen 3

PROFOUND PRODUCTIVITY: designed for smaller workspaces yet crafted for higher performance, ThinkCentre neo 50s Gen 3 is fast, smart, collaborative, and intuitive. Equipped with the higher processing power of 12th Gen Intel® Core™ processor and up to 64GB (3200MHz) memory, it is ideal for the new generation workforce looking to boost productivity.

STEADFAST SECURITY: the integrated dTPM 2.0 chip stores unique RSA encryption keys specific to the system for hardware authentication. Smart Cable Clip,¹ Padlock Loop, and Kensington™ lock slot enable safety against physical theft. Smart USB Protection prevents data theft from USB ports.

FLEXIBLE EXPANDABILITY: ThinkCentre neo 50s lets you enhance performance with more graphics and storage. Up to 16 Gen4 PCIe slots let you customize and upgrade system with your changing requirements.

SMARTER SUSTAINABILITY: the painting-free bezel reduces Volatile Organic Compounds (VOC), low-temperature solder manufacturing process reduces carbon emissions, and ICE 5.0 cooling technology makes it more energy-efficient. The eco-friendly chassis and use of Ocean Bound Plastic for packaging ensure reduction of new petroleum-based plastic, increasing sustainability and durability.



Up to 12th Gen Intel® Core™ i9 processor

¹Optional

²Based on internal analysis, October 2021

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Solutions for a cohesive experience



SMART CABLE¹

(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 with a simple drag-and-drop, using just one keyboard and mouse.



THINKVISION T27q-20 MONITOR²

(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 Near-Edgeless bezel offers a wider screen real estate, while 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 COMBO²

(PN: 4X30M39458)

Connect seamlessly with the full-size 3 zone wireless keyboard and the 1800DPI efficient laser mouse with a 2.4GHz multiple pairing protocol dongle. Ergonomically designed for maximum ease with the premium feeling island-style keys and one-touch dedicated media controls, it is comfortable to use. It comes with a 2-year commercial battery life with a battery life indicator recommending the time of replacement.



LENOVO 100 STEREO USB HEADSET²

(PN: 4XD0X88524)

Amplly suited for business meetings and entertainment, this on-ear commercial stereo USB Headset is equipped with 30mm audio drivers with passive noise cancellation for a high-end audio experience, even for VoIP calls. The rotatable boom microphone and leather and memory-foam earcups deliver maximum ease during collaboration with the team members seamlessly, and its lightweight adds to its comfortability. Additionally, the 1.8m cable enables free motion without restriction during work.

¹Optional

²Recommended accessories

ThinkCentre neo 50s Gen 3 Desktop

PERFORMANCE

Processor

Up to 12th Generation Intel® Core™ i9 Processor

Operating System

Supports Windows 11 PRO/HOME

Memory

Up to 64GB DDR4 3200MHz (UDIMM)

Storage

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

Graphics

Intel® XE DG1

PSU

180W, 260W

DESIGN

Form Factor

7.4L

Dimensions (W x D x H)

100.0 x 308.0 x 274.8 mm
3.93 x 12.13 x 10.81 inches

Weight

4.5kg / 9.9lbs.

Case Color

Chassis: Raven Black
Bezel: Business Black

CONNECTIVITY

WLAN

2 x 2 AX Wi-Fi 5
2 x 2 AC Wi-Fi 6
Bluetooth® 5.0

Front I/O Ports

2 x USB 3.2 Gen1
1 x USB 3.2 Gen1 Type-C
Card Reader (7-in-1)¹
1 x Audio Combo
1 x Mic

Rear I/O Ports

1 x LAN (1G)
2 x USB 3.2 Gen1
2 x USB 2.0
HDMI 2.0
VGA + DP

Expansion Slot

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

Internal Bay

1 x 3.5" HDD
Optional 1 x 2.5" HDD

External Bay

1 x Slim ODD¹

SECURITY

HW TPM
Kensington™ lock slot
Padlock Loop
Smart Cable Clip¹
Chassis Intrusion Switch¹

SOFTWARE

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

CERTIFICATION

Energy Star® 8.0
EPEAT™ Gold
TÜV Low Noise Certification
TCO 9.0 Sustainability Certification
ErP Lot3 Certification for eco-design

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

Premier Support provides direct 24x7x365 access to elite Lenovo engineers for comprehensive hardware and OEM software support, priority on service delivery, repair of parts, and many more. This ensures that customers' issues and concerns are resolved quickly, saving them costs and enhancing productivity.

Lenovo Device-as-a-Service (DaaS)

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

A base warranty of one year and a paid warranty of four years help customers save costs and accurately budget desktop expenses. It also helps them protect their valuable investment, ensuring unhindered productivity with minimal downtime and a lower ownership cost over time.



¹Optional

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.

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