



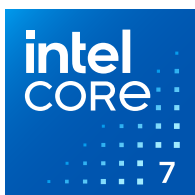
Smarter
technology
for all

Lenovo

Business needs are evolving, and so should your desktop. Meet the **ThinkCentre neo 50q Gen 5**—a Tiny form factor powerhouse desktop built for SMBs that need cost-effective high performance without the bulky size. Powered by up to Intel® Core™ 7 processors, this mobile tiny desktop is designed for seamless multitasking, from number crunching to everyday workflows, despite its size, SMB-grade security, next-gen connectivity, and future-ready features. With ThinkShield security, RAID 0,1 for backup and recovery, and WiFi 7 for advanced collaboration, it ensures smooth, secure operations.

Sustainability is at its core—recycled plastic and smart power management make this desktop an eco-conscious choice for businesses. Whether you're optimizing a space-conscious workspace or upgrading for better performance on a budget, the ThinkCentre neo 50q Gen 5 is reliable, cost-effective, and future-proof. It is compact, powerful, and ready to work as hard as you.

ThinkCentre neo 50q Gen 5



Up to Intel® Core™ 7 processor

ThinkCentre neo 50q Gen 5



Optimal performance

The **ThinkCentre neo 50q Gen 5**, powered by **up to Intel® Core™ 7 processors**, delivers seamless performance for everyday business tasks. Its integrated GPU handles graphics-intensive workloads, while **up to 64GB DDR5 memory** ensures smooth multitasking. Enjoy fast data access and ample storage with **up to 2TB Gen4 SSD**. Its high-efficiency PSU optimizes power use, ensuring longer uptime and reliable performance.



Uncompromising end-to-end security

ThinkCentre neo 50q Gen 5 offers round-the-clock protection with **ThinkShield security**, securing hardware, software, and networks. **dTPM 2.0**¹ encryption, a Kensington cable lock, and a chassis intrusion switch ensure physical security, while **RAID 0,1** enables quick backup and recovery. Lenovo commercial BIOS standardizes protection across SMB devices. With modular, easily deployable security, it keeps data safe and operations uninterrupted.



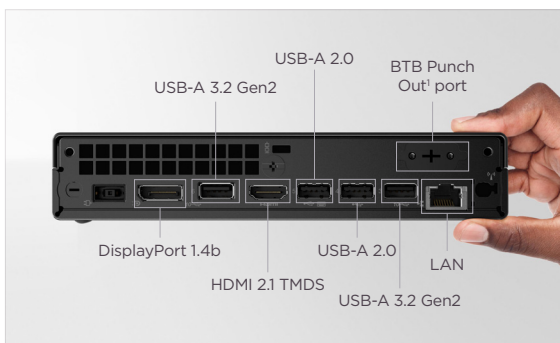
Seamless connectivity simplified

Lenovo Device Manager enables remote monitoring, driver updates, and troubleshooting to reduce downtime. **Lenovo Vantage** offers personalized settings, automatic updates, and diagnostics for optimal performance. Together, they streamline IT management, minimize support needs, and let SMBs focus on business without device maintenance worries.



Compact workspace solution

Built for modern, space-conscious workspaces, this **1L Tiny desktop** offers functionality, durability, and style. Its sleek black finish and minimalist design fits into any setup. The device is **TÜV Rheinland-certified** for low noise, ensuring a quieter workspace. **ICE 7.0** cooling is efficient under heavy workloads, while eco-friendly materials reinforce sustainable design. Made to fit any workplace, ThinkCentre neo 50q Gen 5 can sit on your desk vertically or horizontally, beneath it, or slot in behind the monitor to free up desk space.



Seamless connectivity simplified

Designed for seamless connectivity, this powerful device features six USB ports, including USB-C and USB-A 3.2 Gen2, HDMI 2.1 TMDS, DisplayPort 1.4b, LAN, and audio ports, ensuring easy integration with peripherals. The BTB Punch Out¹ port allows customization with DisplayPort, VGA, LAN, or COM. It supports three monitors for enhanced productivity, while **Smart Connect** and **Wi-Fi 7** enable effortless device management and fast, uninterrupted workflows. **Smart Storage** turns it into your personal cloud storage with a paired app for access and configuration.



Up to Intel® Core™ 7 processor

¹Optional

Lenovo

ThinkCentre neo 50q Gen 5

Sustainable by design, responsible by choice

The ThinkCentre neo 50q Gen 5 is built with recycled materials and is **ENERGY STAR® 9.0**, **TCO 10.0**, and **EPEAT™ Gold certified** for its energy efficiency and eco-conscious design. It is packaged in **FSC-certified** materials, and made of **30% Ocean Bound Plastic** and up to **85% recycled materials**. Its **low-halogen design** and **CO₂ Offset Service** help businesses reduce their carbon footprint without sacrificing performance. **Smart Power On** also enhances its efficiency with careful power management.

Services



Lenovo Premier Support Plus

Reduce downtime and increase productivity with direct access to advanced technicians who provide better, faster solutions that work every time—anytime, anywhere.



Lenovo CO₂ Offset Services

Make carbon offsetting easy with a seamless, transparent process for Lenovo devices across current IT fleet or new purchases—with a sustainability dashboard to view the offset metrics.



Lenovo Asset Recovery Services

This solution manages IT assets at end-of-life, with a dedicated Lenovo team ensuring environmentally responsible disposal through certified recycling, reuse, and refurbishment.



Warranty Extension (1-year base warranty)

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.

Accessories

ThinkCentre Tiny VESA Mount III

The ThinkCentre Tiny VESA Mount III is uniquely designed to house the ThinkCentre neo 50q. This versatile mount device can be used separately or combined with other options for a secure mounting functionality.



(PN: 4XF1K72399)

Vertical Stand

This innovative, elegant stand is designed with a small dip angle in front for ease of use. The Vertical Stand also minimizes vibration and noise while maximizing thermal performance.



(PN: SM10Z42055)

ThinkCentre Tiny Power Cage II

ThinkCentre Tiny Power Cage II is a mounting solution that provides an efficient and secure power adapter mounting solution for your Tiny PC.



(PN: 4XH0N23158)

ThinkCentre neo 50q Gen 5

Performance

Processor

Up to Intel® Core™ 7 processor

Graphics

integrated GPU (iGPU)

Operating System

Windows 11 Pro

Ubuntu

No OS

Memory

2 x SO-DIMM DDR5 (Up to 64GB)

5600MHz

Storage

2 x M.2 SSD (for PCIe x4 Gen4 SSD),

Up to 2TB

PSU

65W/90W/135W, 89%

Connectivity

LAN

Up to Wi-Fi 7

Bluetooth® 5.4

Front I/O ports

1 x USB 3.2 Gen2 (Type-A)

1 x USB 3.2 Gen2 (Type-C)

1 x Combo Audio

Rear I/O ports

1 x Power-in

2 x USB 3.2 Gen2 (Type-A)

2 x USB 2.0 (Type-A)

1 x HDMI 2.1 TMDS

1 x DP 1.4b

1 x BTB Punch Out

(DP/VGA/Serial/LAN)

1 x LAN (1G, RJ45)

M.2 Slot

2 x M.2 SSD (PCIe Gen4)

1 x M.2 Wi-Fi & Bluetooth

Design

Form factor

1L Tiny

Dimensions (H x W x D)

140 x 262 x 500mm

5.51 x 10.31 x 19.69 inches

Size unpacked

(Lowest position)

182.9 x 179 x 36.5mm

7.2 x 7.05 x 1.44 inches

Weight packed

5.183kg/11.43lbs.

Weight unpacked

1.113kg/2.45lbs.

Color and material

Front cover

Luna Grey, plastic textured

IO Plate

Luna Grey, painting

Chassis

Eclipse Black, metal

Security

ThinkShield Security Suite

dTPM 2.0¹

Kensington® Security Slot

Secure Wipe 2.0

Secure Cloud Boot

(HTTPs boot)

WMI

Smart USB Protection

WfM 2.0

Software

Microsoft Office Trial

Lenovo Device Manager

Lenovo Vantage

Smart Connect

Smart Storage

McAfee Live Safe Trial

Certification

ENERGY STAR® 9.0

EPEAT™ Gold/Silver

TCO 10.0

TÜV Rheinland Low Noise

TÜV Rheinland Ultra Low Noise

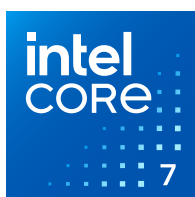
RoHS

Erp Lot3

GreenGuard/VOC

Low Halogen

FSC



Up to Intel® Core™ 7 processor

¹Optional

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