

Lenovo ThinkCentre neo 50q Gen 4 12LN(12LN000GMB)

Lenovo ThinkCentre neo 50q Gen 4 12LN - Tiny Core i5 13420H / up to 4.6 GHz - RAM 8 GB - SSD 256 GB - TCG Opal Encryption 2, NVMe - UHD Graphics - Gigabit Ethernet - Win 11 Pro - monitor: none - keyboard: Belgium - black - Lenovo TopSeller - with 1 Year Lenovo Onsite Support



The Lenovo ThinkCentre neo 50q Gen 4 stands out as a high-performance, ultraslim personal computer designed to meet the demands of modern workspaces. Despite its small footprint, it packs a powerful punch with an 8-core Intel Core i5 processor and high-speed memory, ensuring smooth multitasking and efficient handling of demanding applications.

This model is equipped with a range of advanced connectivity options, including USB 3.2 Gen 2 and USB-C ports for rapid data transfer, as well as HDMI and DisplayPort 1.4 for flexible display setups. It also features fast-charging capabilities, making it easier to keep your devices powered up and ready to go. Security is a top priority, with features like a firmware TPM 2.0 chip, chassis intrusion switch, and Kensington security slot providing peace of mind against data breaches and theft.

Moreover, the Lenovo ThinkCentre neo 50q Gen 4 is designed with energy efficiency in mind, adhering to strict environmental standards such as ErP Lot 3 and Lot 7, RoHS, and TCO certified 9.0. This not only helps reduce operational costs but also supports your sustainability goals. With its blend of performance, connectivity, security, and eco-friendliness, this PC is an excellent choice for businesses and individuals alike.

Key Selling Points

Versatile and energy efficient, at home in the tightest of spaces
Secure from the inside out, easily scalable, and durable
Ideal for any startup or small to medium-sized business

Product Features

At home in even the most cramped places

Office space can be an issue for any business. Thankfully, the ThinkCentre Neo 50q Gen 4 Tiny is compact and durable enough to be housed almost anywhere, even in the smallest places. It's portable, too, so ideal for hybrid working. Yet, this energy-efficient PC boasts up to 13th Gen Intel Core i5 H-series mobile processing power, has multiple ports, including USB-C and HDMI.

Robust memory, lightning-fast storage

For any business, being fast and agile can be the key to success. And with this PC's flexible, ease-of-use design, you can swap out the hard drive as your needs change - without the need for any tools. Plus, thanks to heaps of memory, this ultraslim desktop boots up smoothly and quickly every time. What's more, apps launch in seconds, saving unnecessary thumb-fiddling and frustration waiting for things to load.

One less thing to worry about

More than ever, if your data or PC falls into the wrong hands, the results can be costly. Thankfully, the ThinkCentre Neo 50q Gen 4 Tiny has ThinkShield, essential security tools from the chipset and BIOS level to anti-theft protection. And just in case the worst should happen, this compact PC boasts device backup and recovery, remote management, and more.

Space-saving meets cost-savings

The ThinkCentre Neo 50q Gen 4 Tiny won't cramp your desk space or break the bank. Its ultraslim form factor takes up less room than a couple of standard notebooks or journals.

Enhances productivity, seamlessly

From intensive data-crunching and everyday tasks to multitasking with up to three 4K monitors, the ThinkCentre Neo 50q Gen 4 Tiny combines productivity with efficiency. While punching way above its weight, this powerful business PC also supports Wi-Fi 6 connectivity, enabling you to seamlessly connect with remote teams and clients as if you were all in the same room.

Main Specifications

Product Description	Lenovo ThinkCentre neo 50q Gen 4 - tiny Core i5 13420H 2.1 GHz - 8 GB - SSD 256 GB - Belgium
Type	Personal computer - tiny
Bundled Services	1 Year Lenovo Onsite Support
Localisation	Language: English, German, French, Dutch / region: Belgium
Processor	Intel Core i5 (13th Gen) 13420H / 2.1 GHz (up to 4.6 GHz, (8-core)
Cache Memory	12 MB

Cache Per Processor	12 MB
RAM	8 GB (installed) / 32 GB (max) - DDR4 SDRAM
Storage Controller	SATA (SATA 6Gb/s)
Hard Drive	SSD 256 GB - PCI Express 4.0 x4 - M.2 2280 - TCG Opal Encryption 2, NVMe Express (NVMe)
Optical Storage	No optical drive
Graphics Controller	Intel UHD Graphics Shared Video Memory (UMA)
Networking	1GbE, 802.11a, 802.11b/g/n, Wi-Fi 5, 802.11ax, Bluetooth 5.1
Keyboard	Belgium
Power	(50/60 Hz)
OS Provided	Windows 11 Pro
Colour	Black
Dimensions (WxDxH)	17.9 cm x 18.29 cm x 3.65 cm
Weight	1.11 kg
Manufacturer Selling Program	Lenovo TopSeller
Environmental Standards	TCO Certified Desktops 9, ENERGY STAR Qualified EPEAT Gold
Manufacturer Warranty	Base warranty - 1 year - pick-up and return Extended warranty - 1 year - on-site

Extended Specification

General

Type	Personal computer
Bundled Services	1 Year Lenovo Onsite Support
Product Form Factor	Tiny
Built-in Devices	Speaker
Embedded Security	Firmware Trusted Platform Module (TPM 2.0) Security Chip
Colour	Black
Localisation	Language: English, German, French, Dutch / region: Belgium

Expansion / Connectivity

Bays	1 (total) / 1 (free) x internal 2.5"
Slots	1 (total) / 0 (free) x M.2 Card (for WLAN) 1 (total) / 0 (free) x M.2 Card (for SSD)
Interfaces	1 x USB 3.2 Gen 2 (1 in front) (Always On, fast-charging (5V, 2.1A)) 1 x USB-C 3.2 Gen 2 (1 in front) (data transfer, 5V 0.9A charging) 1 x headphones/microphone (1 in front) 1 x HDMI 2 x DisplayPort 1.4 2 x USB 2.0 (2 rear) 2 x USB 3.2 Gen 2 (2 rear) 1 x LAN (Gigabit Ethernet)

Manufacturer Warranty

Service & Support	Base warranty - 1 year - pick-up and return Extended warranty - 1 year - on-site
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RAM

Installed Size	8 GB (installed) / 32 GB (max)
Technology	DDR4 SDRAM
Effective Memory Speed	3200 MHz
Rated Memory Speed	3200 MHz
Form Factor	SO-DIMM 260-pin
Slots	2 (Total) / 1 (empty)
Features	Dual channel memory architecture
Configuration Features	1 x 8 GB

Networking

Interface (Bus) Type	M.2 Card
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Ethernet Controller	Realtek RTL8111K-CG
Wireless LAN Supported	Yes
Wireless NIC	Intel Wi-Fi 6 AX 201
Data Link Protocol	Ethernet, Fast Ethernet, Gigabit Ethernet, IEEE 802.11b, IEEE 802.11a, IEEE 802.11g, IEEE 802.11n, IEEE 802.11ac, 802.11ax, Bluetooth 5.1
Features	Dual stream (2x2)

Miscellaneous

Included Accessories	VESA mounting kit
Theft/Intrusion Protection	Security lock slot (cable lock sold separately), chassis intrusion switch, tool-less chassis access
Security Slot Type	Kensington security slot
VESA Mounting Interface	100 x 100 mm
Compliant Standards	RoHS, Energy-Related Products (ErP) Lot 3, Energy-Related Products (ErP) Lot 7, TCO Certified 9.0
Manufacturer Selling Program	Lenovo TopSeller

Power

Device Type	Power adapter
Voltage Required	AC 100-240 V (50/60 Hz)
Power Provided	65 Watt
Efficiency	89%

Environmental Parameters

Min Operating Temperature	5 °C
Max Operating Temperature	35 °C
Humidity Range Operating	20 - 80%

Storage Controller

Type	1 x SATA
Controller Interface Type	SATA 6Gb/s

Cache Memory

Installed Size	12 MB
Cache Per Processor	12 MB

Optical Storage

Type	No optical drive
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Operating System / Software

OS Provided	Windows 11 Pro Dutch / English / French / German
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Monitor

Monitor Type	None.
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Graphics Controller

Graphics Processor	Intel UHD Graphics Shared Video Memory (UMA)
Video Interfaces	HDMI, DisplayPort
Max Monitors Supported	3

Audio Output

Compliant Standards	High Definition Audio
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Hard Drive

Type	SSD - M.2 2280
Capacity	1 x 256 GB
Interface Type	PCI Express 4.0 x4
Features	TCG Opal Encryption 2, NVMe Express (NVMe)

Input Device

Type	Mouse, keyboard
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Dimensions & Weight

Width	17.9 cm
Depth	18.29 cm
Height	3.65 cm
Weight	1.11 kg

Dimensions & Weight (Shipping)

Shipping Width	14 cm
Shipping Depth	26.2 cm
Shipping Height	50 cm
Shipping Weight	5.18 kg

Keyboard

Keyboard Name	Lenovo Calliope Keyboard
Interface	USB
Localization & Layout	Belgium

Mouse

Mouse Name	Lenovo Calliope Mouse
Interface	USB

Processor / Chipset

CPU	Intel Core i5 (13th Gen) 13420H
Clock Speed	2.1 GHz
Max Turbo Speed	4.6 GHz
Number of Cores	8-core
CPU Qty	1
Max CPU Qty	1

Sustainability Information

TCO Certified	TCO Certified Desktops 9
EPEAT Compliant	EPEAT Gold
ENERGY STAR Certified	Yes
ENERGY STAR Version	8.0

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