

PERFORMANCE

Processor^[1]
Intel® Core™ i5-13420H, 8C (4P + 4E) / 12T, P-core 2.1 / 4.6GHz, E-core 1.5 / 3.4GHz, 12MB

Graphics
Integrated Intel® UHD Graphics

Chipset
Intel® SoC Platform

Memory
2x 8GB SO-DIMM DDR4-3200

Memory Slots
Two DDR4 SO-DIMM slots, dual-channel capable

Max Memory^[2]
Up to 32GB DDR4-3200

Storage
512GB SSD M.2 2280 PCIe® 4.0x4 NVMe® Opal 2.0

Max Storage Support^{[3][4]}
Up to two drives, 1x 2.5" HDD + 1x M.2 SSD

- 2.5" HDD up to 1TB
- M.2 SSD up to 1TB

Card Reader
No card reader

Optical
None

Audio Chip
High Definition (HD) Audio, Realtek® ALC256 codec

Speakers
2Wx1

Microphone
No microphone

Power Supply^[5]
65W 89% Adapter

DESIGN

Keyboard
USB Calliope Keyboard, Black, Portuguese (BR)

Mouse
USB Calliope Mouse, Black

Optional Bay
None

Expansion Slots
Two M.2 slots (one for WLAN, one for SSD)

Case Color
Black

System Fan
1x System Fan

Stand
None

Adapter Cage
None

Toolless Chassis Screw
Toolless Chassis Screw

Mounting
None

Pen
Pen Not Supported

Form Factor
Tiny (1L)

Dimensions (WxDxH)^[6]
179 x 182.9 x 36.5 mm (7.05 x 7.2 x 1.44 inches)

Weight^[7]
Around 1.11 kg (2.45 lbs)

CONNECTIVITY

WLAN + Bluetooth®
Intel® Wi-Fi® 6 AX201, 802.11ax 2x2 + BT5.2

WWAN
Non-WWAN

Ethernet
Integrated 100/1000M

Front Ports

- 1x USB-C® 3.2 Gen 2 (support data transfer and 5V@0.9A charging)
- 1x USB 3.2 Gen 2 (Always On and 5V@2.1A charging)
- 1x headphone / microphone combo jack (3.5mm)

Optional Front Ports (configured)
None

Rear Ports

- 2x USB 2.0
- 2x USB 3.2 Gen 2
- 1x HDMI® 2.1 TMDS
- 1x DisplayPort™ 1.4
- 1x Ethernet (RJ-45)

Optional Rear Ports (configured)
VGA

Monitor Cable
None

SECURITY & PRIVACY

Security Chip
Firmware TPM 2.0 integrated in SoC

Physical Locks
Kensington® Security Slot™, 3 x 7 mm

Chassis Intrusion Switch
Chassis Intrusion Switch

MANAGEABILITY

System Management
Non-vPro®

SERVICE

Base Warranty
1-year, Onsite

Included Upgrade
2Y Premier Support Upgrade from 1Y Onsite, Solução no Primeiro Próx. Dia útil - 9x5 - 2 anos

CERTIFICATIONS

Green Certifications^[8]

- ENERGY STAR® 8.0
- EPEAT™ Gold Registered
- ErP Lot 3/7
- RoHS compliant
- TCO Certified 9.0

SOFTWARE

Operating System
Windows® 11 Pro, Portuguese (Brazil)

Bundled Software
None

MODEL

Product	: ThinKCentre neo 50q Gen 4		
TopSeller	: No	Announce Date	: 2024-01-15
EAN / UPC / JAN	: None	End of Support	: 2029-11-18



Product image is a sample, it may not match the real color of this model

Note:
^[1] Intel Max Turbo frequency will vary depending on.....

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Advanced technical support, 24x7x365, in more than 100 markets



Technical Account Managers for proactive relationship and escalation management



Comprehensive hardware & OEM software support



Priority on service delivery and repair parts



Single point of contact for simplified end-to-end case management



Lenovo Service Connect Portal for customized reporting and product support

Accidental Damage Protection - Protection of your PC from the unexpected.

Experience shows that a significant portion of devices may be damaged (and not covered under warranty) in the first three years. Lenovo's Accidental Damage Protection service covers accidents beyond the system warranty such as drops, spills, bumps and even electrical surges. Make sure your new device has maximum protection, avoid unplanned costs and get peace of mind.

Base Warranty - Included with the systems you purchase, default 1- or 3-year coverage window.

Warranty Extensions & Upgrades - Service and protection that's right for your circumstances.

- Pick Up & Return Courier
- Onsite Support
- Technician Installed Customer
- Replaceable Unit Service
- International Warranty Upgrade

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Recommended Accessories



ThinkCentre Tiny VESA Mount II

4XFON03161

The ThinkCentre Tiny VESA Mount II is a unique design specific to house the Tiny PC while featuring the universal VESA mount configuration. The VESA standard enables this mount to attach to anything that is VESA comp...



ThinkCentre Tiny Sandwich Kit II

4XHON04098

The ThinkCentre Tiny Sandwich Kit II is a mechanical bracket which can mount your ThinkCentre Tiny PC between monitor and ThinkCentre Extend Arm. The Tiny Sandwich kit enables more desktop and floor space while provid...

Please click [here](#) to view the full list of accessories.

Lenovo

PSREF
Product Specifications
Reference