

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
 256GB 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[®]
 None

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)
 None

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
 None

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	: 2024-02-29
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.....

· Lenovo reserves the right to change specifications without notice.

To see more note information, please access the [web page](#).

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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...

Recommended Services

BEST	5Y Premier Support Plus upgrade from 1Y Onsite (5WS1L39009)
BETTER	3Y Premier Support Plus upgrade from 1Y Onsite (5WS1L39561)
GOOD	3Y Premier Support Upgrade from 1Y Onsite (5WS0T36147)

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



PSREF
Product Specifications
Reference