

**PERFORMANCE****Processor**<sup>[1]</sup>

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 16GB SO-DIMM DDR4-3200

**Memory Slots**

Two DDR4 SO-DIMM slots, dual-channel capable

**Max Memory**<sup>[2]</sup>

Up to 32GB DDR4-3200

**Storage**

1TB SSD M.2 2280 PCIe® 4.0x4 NVMe® Opal 2.0

**Max Storage Support**<sup>[3][4]</sup>

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**<sup>[5]</sup>

90W 89% Adapter

**DESIGN****Keyboard**

USB Calliope Keyboard, Black, English

**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**

Vertical Stand

**Adapter Cage**

None

**Toolless Chassis Screw**

None

**Mounting**

None

**Pen**

Pen Not Supported

**Form Factor**

Tiny (1L)

**Dimensions (WxDxH)**<sup>[6]</sup>

179 x 182.9 x 36.5 mm (7.05 x 7.2 x 1.44 inches)

**Weight**<sup>[7]</sup>

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)**

DP 1.4

**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**<sup>[8]</sup>

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

**SOFTWARE****Operating System**

Windows® 11 Pro, English

**Bundled Software**

None

**MODEL**

**Product** : ThinkCentre neo 50q Gen 4

**TopSeller** : Yes

**Announce Date** : 2024-02-20

**EAN / UPC / JAN** : 197530791680

**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.
- California Electronic Waste Recycling Fee In California, per state law, Lenovo charges an electronic waste recycling fee on this covered device at the time of sale of the product. For more information, go to: <https://www.calrecycle.ca.gov/Electronics/Consumer>

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

## Premier Support - A direct 24x7x365 line to our most elite technicians.



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



Comprehensive hardware & OEM software support



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



Technical Account Managers for proactive relationship and escalation management



Priority on service delivery and repair parts



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

4XF0N03161

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	4Y Premier Support Plus upgrade from 1Y Onsite (5WS1L39138)
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