

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 8GB 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**  
256GB 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>  
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)**<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**®  
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**<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, Portuguese (Brazil)
- Bundled Software**  
None

MODEL

- |                        |                             |                       |              |
|------------------------|-----------------------------|-----------------------|--------------|
| <b>Product</b>         | : ThinkCentre neo 50q Gen 4 |                       |              |
| <b>TopSeller</b>       | : No                        | <b>Announce Date</b>  | : 2024-02-29 |
| <b>EAN / UPC / JAN</b> | : None                      | <b>End of Support</b> | : 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](#).

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



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

Lenovo may not offer the products, services or features discussed in this document in all regions. Lenovo may withdraw an offering at any time. Information is subject to change without notice. Consult your local representative for information on offerings available in your area. Lenovo reserves the right to change specifications or other product information without notice. Lenovo is not responsible for photographic or typographical errors. Lenovo provides this publication "as is" without warranty of any kind, either express or implied, including the implied warranties of merchantability or fitness for a particular purpose.

## 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