# ThinkCentre neo 50q Gen 5 13B9001HBL



The product images are for illustration purposes only. Actual product appearance, ports, keyboard layout, and accessories may vary by model.

- Intel Core™ 7 240H, 10C (6P + 4E) / 16T, P-core 2.5 / 5.2GHz, E-core 1.8 / 4.0GHz, 24MB Intel® Smart Cache
- 1x 16GB SODIMM DDR5-5600
- 512GB SSD M.2 2280 PCIe® 4.0x4 NVMe® Opal 2.0
- Integrated Intel® Graphics
- Case color - Raven Black
- 1-year, Courier or Carry-in

## 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

## Recommended Accessories

Bulgaria



Lenovo Wireless VoIP Headset (USB-C, Teams)

4XD1W27286



Lenovo 900 Multi-Device Wireless Mouse

GY51V37443



ThinkCentre Tiny 150W DC to DC Power Adapter

4X21W23075

>> View More Accessories

## Recommended Services

**Best**

3Y Premier Support Upgrade from 1Y Courier/Carry-in (5WS0T36200)

**Better**

5Y Onsite upgrade from 1Y Courier/Carry-in (5WS0D80899)

**Good**

3Y Onsite upgrade from 1Y Courier/Carry-in (5WS0D80935)

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## PERFORMANCE

**Processor**
Intel Core™ 7 240H, 10C (6P + 4E) / 16T, P-core 2.5 / 5.2GHz, E-core 1.8 / 4.0GHz, 24MB Intel® Smart Cache

**Graphics**
Integrated Intel® Graphics

**Chipset**
Intel® SoC Platform

**Memory**
1x 16GB SODIMM DDR5-5600[1]

**Memory Slots**
Two DDR5 SODIMM slots, dual-channel capable

**Max Memory**[2]
Up to 64GB DDR5-5600

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

**Max Storage Support**[3]
Up to two drives, 2x M.2 SSD • M.2 SSD up to 1TB each

**RAID Preset**
None

**Card Reader**
No card reader

**Optical**
None

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

**Speakers**
2Wx1

**Camera**
No camera

**Microphone**
No microphone

**Power Supply**[4]
135W 90% Adapter

## DESIGN

**Keyboard**
USB, Calliope, Black, Bulgarian

**Mouse**
USB Calliope Mouse, Black

**Optional Bay**
None

**Expansion Slots**
Three M.2 slots (one for WLAN, two for SSD)

**Case Color**
Raven Black

**Stand**
None

**Adapter Cage**
None

**Toolless Chassis Screw**
Toolless Chassis Screw

**Mounting**
None

**IO Box**
No IO box

**Pen**
Pen Not Supported

**Form Factor**
Tiny (1L)

**Dimensions (WxDxH)**[5]
- Tiny only (without rubber feet) | 179 x 182.9 x 34.5 mm (7.05 x 7.2 x 1.36 inches)
- Tiny only (with rubber feet) | 179 x 182.9 x 36.5 mm (7.05 x 7.2 x 1.44 inches)

**Weight**[6]
Around 1.13 kg (2.49 lbs)

## CONNECTIVITY

**WLAN + Bluetooth**
Realtek® Wi-Fi® 7 RTL8922AE, 802.11be 2x2 + BT5.4[7]

**WWAN**
WWAN Not Supported

**Ethernet**
Integrated 100/1000M

**Front Ports**
- 1x USB-C® (USB 10Gbps / USB 3.2 Gen 2), with data transfer and 5V@3A charging
- 1x USB-A (USB 10Gbps / USB 3.2 Gen 2), with Always On and 5V@2.1A charging
- 1x headphone / microphone combo jack (3.5mm)

**Rear Ports**
- 2x USB-A (Hi-Speed USB / USB 2.0), one supports Smart Power On
- 2x USB-A (USB 10Gbps / USB 3.2 Gen 2)
- 1x HDMI® 2.1 TMDS
- 1x DisplayPort™ 1.4b
- 1x Ethernet (GbE RJ-45)
- 1x Power connector

**Optional Rear Ports (configured)**
None

**Monitor Cable**
None

## SECURITY & PRIVACY

**Security Chip**
Discrete TPM 2.0, TCG certified, FIPS 140-2 certified

**Fingerprint Reader**
No fingerprint reader

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

**Kensington Cable Lock**
None

**Chassis Intrusion Switch**
Chassis Intrusion Switch[8]

## MANAGEABILITY

**System Management**
Non-vPro®

## SERVICE

**Base Warranty**
1-year, Courier or Carry-in

**Included Upgrade**
None

## CERTIFICATIONS

**Green Certifications**
- RoHS compliant
- TCO Certified, generation 10

**Mil-Spec Test**
MIL-STD-810H:2022 military test passed (Solar Radiation 505.7, Salt Fog 509.8, Contamination by fluids 504.3)

## SOFTWARE

**Operating System**
None

**Bundled Software**
None

## ACCESSORIES

**Bundled Accessories**
None

## MODEL

| | | | |
|---|---|---|---|
| **TopSeller** | : Yes | **EAN / UPC / JAN** | : 0198158167017 |
| **Announce Date** | : 2025-06-03 | **End of Support** | : 2031-11-29 |

Note:
[1] Installed memory is actually DDR5-5600 but may run as DDR5-5200 depending on the memory support capability of Intel Core i3
[2] The max memory is based on the test results with current Lenovo memory offerings.
[3] The max capacity of each disk type is based on the test results with current Lenovo storage offerings.

- Please refer to the official Lenovo store website or contact a local Lenovo sales representative or authorized business partner for current inventory and purchase options.
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