## ThinkCentre neo 50q Gen 5 13B9001AIL

# Lenovo PSREF Product Specifications Reference

#### **PERFORMANCE**

#### Processor

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

#### Graphics

Integrated Intel® Graphics

#### Chipset

Intel® SoC Platform

#### Memory[1]

1x 16GB SO-DIMM DDR5-5600

#### **Memory Slots**

Two DDR5 SO-DIMM slots, dual-channel capable

#### Max Memory[2]

Up to 64GB DDR5-5600

#### Storage

1TB 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<sup>[4]</sup>

135W 90% Adapter

#### **DESIGN**

#### Keyboard

USB, Calliope, Black, Icelandic

#### Mouse

USB Calliope Mouse, Black

#### **Optional Bay**

None

#### **Expansion Slots**

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

#### **Case Color**

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<sup>[6]</sup>

Around 1.13 kg (2.49 lbs)

#### CONNECTIVITY

#### WLAN + Bluetooth®[7]

Realtek® Wi-Fi® 7 RTL8922AE, 802.11be 2x2 + BT5.4

#### WWAN

Non-WWAN

#### 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

#### Chassis Intrusion Switch[8]

Chassis Intrusion Switch

#### **MANAGEABILITY**

#### System Management

Non-vPro®

#### **SERVICE**

#### **Base Warranty**

1-year, Courier or Carry-in

#### **Included Upgrade**

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

#### **CERTIFICATIONS**

#### **Green Certifications**

- ENERGY STAR® 9.0
- RoHS compliant
- TCO Certified 10.0

#### **SOFTWARE**

#### **Operating System**

Windows® 11 Pro. English

#### **Bundled Software**

None

#### **ACCESSORIES**

#### **Bundled Accessories**

None

#### MODEL

 TopSeller
 : Yes
 Announce Date
 : 2025-06-03

 EAN / UPC / JAN
 : 0198158165570
 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.
- [4] When work with TIO monitor, an appropriate power adapter.....
- · 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

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## Recommended Accessories



#### **Lenovo USB-C to Ethernet Adapter**

4X90S91831

The Lenovo USB-C to Ethernet Adapter is quick and easy way to connect your USB-C enabled notebook to Ethernet connections. It's ideal for imaging of systems or transferring large files quickly.

## Recommended Services

BEST	4Y Premier Support Upgrade from 3Y Onsite (5WS0T36207)
BETTER	3Y Premier Support Plus upgrade from 3Y Onsite (5WS1L39468)
GOOD	3Y Premier Support Upgrade from 3Y Onsite (5WS0U26647)

Please click here to view the full list of accessories.

