# ThinkCentre neo 50q Gen 5 13B90011MZ

# 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<sup>®</sup> Graphics

Chipset Intel® SoC Platform

Memory<sup>[1]</sup> 1x 16GB SO-DIMM DDR5-5600

Memory Slots Two DDR5 SO-DIMM slots, dual-channel capable

Max Memory<sup>[2]</sup> Up to 64GB DDR5-5600

Storage 512GB SSD M.2 2280 PCIe<sup>®</sup> 4.0x4 NVMe<sup>®</sup> Opal 2.0

Max Storage Support<sup>[3]</sup> 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, Swiss

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)<sup>[5]</sup>

- 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®

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

WWAN

Non-WWAN

#### Ethernet

Integrated 100/1000M

#### Front Ports

- 1x USB-C<sup>®</sup> (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<sup>™</sup> 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 Chassis Intrusion Switch

## MANAGEABILITY

System Management

### **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<sup>®</sup> 11 Pro. WE (EN/FR/DE/NL/IT)

#### **Bundled Software**

None

### ACCESSORIES

**Bundled Accessories** 

None

## MODEL

TopSeller	: Yes	Announce Date	: 2025-06-03
EAN / UPC / JAN	: 0198158173735	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.....

 $\cdot$  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



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

Technician Installed Customer

Onsite Support

- Replaceable Unit Service
- International Warranty Upgrade

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# **Recommended Services**

BEST	4Y Premier Support Upgrade from 3Y Onsite (5WS0T36207)
BETTER	3Y Premier Support Upgrade from 3Y Onsite (5WS0U26647)
GOOD	3Y Keep Your Drive Add On (5PS0D81209)

Please click here to view the full list of accessories.

