ThinkCentre neo 50q Gen 5 13B90015FM

PSREF
Product Specifications Reference

PERFORMANCE

Processor
Intel® Core™ 5 210H, 8C (4P + 4E) / 12T, P-core 2.2 / 4.8GHz, E-core 1.6 / 3.6GHz, 12MB

Graphics
Integrated Intel® Graphics

Chipset
Intel® SoC Platform

Memory[1]
1x 8GB SO-DIMM DDR5-5600

Memory Slots
Two DDR5 SO-DIMM 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]
90W 89% Adapter

DESIGN

Keyboard
USB, Calliope, Black, French 189

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[6]
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, French

Bundled Software
None

ACCESSORIES

Bundled Accessories
None

MODEL

TopSeller	: Yes	**Announce Date**	: 2025-06-03
EAN / UPC / JAN	: 0198158170345	**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.

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- Comprehensive hardware & OEM software support
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- Single point of contact for simplified end-to-end case management
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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.

Lenovo Professional Wireless Combo Keyboard & Mouse (US English)

4X30H56796

This sleek and stylish full-size keyboard and mouse combo offers exceptional quality in a modern wireless solution. The slim 3-zone keyboard with number pad has responsive quiet keys and a premium typing experience. O...

Please click here to view the full list of accessories.

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