ThinkCentre neo 50q QC 13C8001EGE

Lenovo PSREF Product Specifications Reference

PERFORMANCE

Processor

Snapdragon® X X1-26-100, 8C, Max Turbo up to 3.0GHz, 30MB

Al PC Category[1]

Copilot+ PC

NPU

Integrated Qualcomm® Hexagon™ NPU, up to 45 TOPS

Graphics

Integrated Qualcomm® Adreno™ GPU

Chipset

Qualcomm® SoC Platform

Memory

16GB Soldered LPDDR5x-8448

Memory Slots

Memory soldered to systemboard, no slots, dual-channel

Max Memory^[2]

16GB soldered memory, not upgradable

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 2280 SSD up to 1TB

Card Reader

No card reader

Optical

None

Audio Chip

High Definition (HD) Audio, Qualcomm® WCD9385 codec and WSA8845 amplifier

Speakers

2Wx1

Power Supply

65W 89% Adapter

DESIGN

Keyboard

USB, Calliope, Black, German

Mouse

USB Calliope Mouse, Black

Expansion Slots

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

Case Color

Eclipse 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)[4]

- 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^[5]

Around 1.13 kg (2.49 lbs)

CONNECTIVITY

WLAN + Bluetooth®[6]

Qualcomm® Wi-Fi® 6E NFA765A, 802,11ax 2x2 + BT5,3

WWAN

Non-WWAN

Ethernet

Integrated 100/1000M

Front Ports

- 1x USB-C* (USB 10Gbps / USB 3.2 Gen 2), with data transfer and 5V@0.9A 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[7]

- 2x USB-A (Hi-Speed USB / USB 2.0)
- 2x USB-A (USB 10Gbps / USB 3.2 Gen 2)
- 1x HDMI® 2.1 TMDS
- 1x DisplayPort™ 1.4a (HBR2)
- 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

Physical Locks

Kensington® Security Slot™, 3 x 7 mm

Chassis Intrusion Switch

No chassis intrusion switch

MANAGEABILITY

System Management

Non-vPro®

SERVICE

Base Warranty

1-year, Courier or Carry-in

Included Upgrade

1Y Onsite from 1Y Depot WHB (CPN)

CERTIFICATIONS

Green Certifications

- ENERGY STAR® 9.0
- EPEAT™ Gold Registered
- GREENGUARD®
- · RoHS compliant
- TCO Certified 10.0
- VOC Report

SOFTWARE

Operating System

Windows® 11 Pro (on ARM), German

Bundled Software

None

ACCESSORIES

Bundled Accessories

None

MODEL

TopSeller : Yes **Announce Date** : 2025-05-09

Note.

[1] Copilot+ PCs have at least 16GB RAM, 256GB storage, and a NPU that runs 40+ TOPs to run the latest AI tools build-in latest Windows 11 to accelerate productivity and creativity.

[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] The system dimensions may vary depending on configurations.

[5] The system weight is approximate and based on results in.....

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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	3Y Premier Support Plus upgrade from 1Y Onsite (5WS1L39561)
BETTER	3Y Premier Support Upgrade from 1Y Onsite (5WSOT36147)
GOOD	3Y Onsite upgrade from 1Y Onsite (5WS0D80967)

Please click here to view the full list of accessories.

