ThinkCentre neo 50q Gen 5 13B9006KGE

Lenovo PSREF Product Specifications Reference

PERFORMANCE

Processor

Intel® Core i5-13420H, 8C (4P + 4E) / 12T, P-core 2.1 / 4.6GHz, E-core 1.5 / 3.4GHz, 12MB

Graphics

Integrated Intel® UHD Graphics

Chipset

Intel® SoC Platform

Memory

1x 8GB SO-DIMM DDR5-5600

Memory Slots

Two DDR5 SO-DIMM slots, dual-channel capable

Max Memory^[1]

Up to 64GB DDR5-5600

Storage

256GB SSD M.2 2280 PCIe® 4.0x4 NVMe® Opal 2.0

Max Storage Support^[2]

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^[3]

90W 89% Adapter

DESIGN

Keyboard

USB, Calliope, Black, German

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)^[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

Intel[®] Wi-Fi[®] 6 AX203, 802.11ax 2x2 + BT5.2^[6]

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

Chassis Intrusion Switch^[7]

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
- RoHS compliant
- •TCO Certified, generation 10

Other Certifications

-

SOFTWARE

Operating System

Windows® 11 Pro, German

Bundled Software
None

ACCESSORIES

Bundled Accessories

None

MODEL

 TopSeller
 : Yes
 EAN / UPC / JAN: 0199272887003

 Announce Date: 2025-09-05
 End of Support
 : 2031-11-29

· Lenovo reserves the right to change specifications without notice.

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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

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Recommended Accessories



Lenovo Legion M220 Wireless RGB Gaming Mouse GY51U28359



Lenovo Wired VoIP Headset 5000 4XD1R88995

Please click here to view the full list of accessories.

Recommended Services

BEST	4Y Premier Support Upgrade from 1Y Onsite (5WS0T36168)
BETTER	3Y Premier Support Upgrade from 1Y Onsite (5WS0T36147)

