

ThinkCentre neo 50a 27 Gen 5

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 16GB SO-DIMM DDR5-5200
- Memory Slots

Two DDR5 SO-DIMM slots, dual-channel capable
- Max Memory^[1]

Up to 32GB DDR5-5200
- Storage

512GB SSD M.2 2280 PCIe® 4.0x4 NVMe® Opal 2.0
- Storage Support^[2]

One drive, up to 1TB M.2 2280 SSD
- Card Reader

No card reader
- Optical

None
- Audio Chip

High Definition (HD) Audio, Realtek® ALC233-CG codec
- Speakers

3Wx2
- Camera

5.0MP + IR
- Microphone

2x, Array
- Power Supply

135W 90% Adapter
- DESIGN
- Display^[3]

27" FHD (1920x1080) IPS Anti-glare 300nits, 99% sRGB
- Touchscreen

None
- Keyboard

USB Calliope Keyboard, Black, English
- Mouse

USB Calliope Mouse, Black
- Expansion Slots

Two M.2 slots (one for WLAN, one for SSD)
- Case Color

Luna Grey
- Stand

Monitor Stand

- Mounting

None
- Wireless Charger

Wireless Charger
- Pen

Pen Not Supported
- Form Factor

AIO (27 inches)
- Dimensions (WxDxH)^[4]

611.72 x 192 x 473.16 mm (24.08 x 7.55 x 18.62 inches)
- Weight^[5]

Around 7.1 kg (15.65 lbs)

CONNECTIVITY

- Ethernet

Integrated 100/1000M
- WLAN + Bluetooth^[6]

Intel® Wi-Fi® 6 AX201, 802.11ax 2x2 + BT5.2
- WWAN

Non-WWAN
- Rear Ports
 - 1x USB-A (USB 10Gbps / USB 3.2 Gen 2)
 - 2x USB-A (Hi-Speed USB / USB 2.0)
 - 1x HDMI®-in 1.4
 - 1x HDMI®-out 2.1 TMDS
 - 1x Ethernet (RJ-45)
 - 1x power connector
- Left Ports
 - 1x USB-C® (USB 10Gbps / USB 3.2 Gen 2), data transfer only
 - 1x headphone / microphone combo jack (3.5mm)

SECURITY & PRIVACY

- Security Chip

Firmware TPM 2.0 integrated in SoC
- Physical Locks

No physical locks
- Chassis Intrusion Switch

No chassis intrusion switch

MANAGEABILITY

- System Management

None

SERVICE

- Base Warranty

1-year, Onsite
- Included Upgrade

None

CERTIFICATIONS

- Green Certifications
 - ENERGY STAR® 8.0
 - EPEAT™ Silver Registered
 - ErP Lot 3/7
 - GREENGUARD®
 - RoHS / WEEE / REACH
- Other Certifications
 - TÜV Rheinland® Flicker Free
 - TÜV Rheinland® Low Blue Light
 - TÜV Rheinland® Ultra Low Noise

SOFTWARE

- Operating System

Windows® 11 Pro, English
- Bundled Software

None

MODEL

TopSeller	: No	Announce Date	: 2024-06-20
EAN / UPC / JAN	: 198154616953	End of Support	: 2031-03-30

Product image is a sample, it may not match the real color of this model

Note:
[1] The max memory is based on the test results with current Lenovo memory offerings.
[2] The max capacity of each disk type is based on the test results with current Lenovo storage offerings.
[3] IPS (in-plane switching) technology may refer to IPS, PLS, ADS, AHVA, AAS.
[4] The system dimensions may vary depending on configurations.
[5] The system weight is approximate and based on results in Lenovo lab, which varies depending on the source of component, variance of the distribution of each component, and manufacturing process. It may not be the exact weight for each specific model.
[6] Bluetooth 5.2 requires Windows 11.

· Lenovo reserves the right to change specifications without notice.

To see more note information, please link to <https://psref.lenovo.com/Detail/2429?M=12SB002QAU>

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

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 (5WS1L42394)
BETTER	3Y Premier Support Upgrade from 1Y Onsite (5WSOT36111)
GOOD	3Y Onsite upgrade from 1Y Onsite (5WSOD81118)

For a full list of accessories and services, please visit:
<https://smartfind.Lenovo.com>

PSREF
Product Specifications
Reference