

ThinkCentre neo 50a 27 Gen 5 12SB003XCA

PERFORMANCE

Processor
Intel® Core™ i7-13620H, 10C (6P + 4E) / 16T, P-core 2.4 / 4.9GHz, E-core 1.8 / 3.6GHz, 24MB

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

Max 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

Microphone
2x, Array

Power Supply
90W 89% Adapter

DESIGN

Display^[3]
27" FHD (1920x1080) IPS Anti-glare 300nits, 99% sRGB, Touch

Touchscreen
10-point Multi-touch

Keyboard
USB Calliope Keyboard, Black, French

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
None

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

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

WWAN
Non-WWAN

Ethernet
Integrated 100/1000M

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^[6]
Optional Kensington® Security Slot™, 3 x 7 mm

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™ Gold 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, French

Bundled Software
None

MODEL

TopSeller	: Yes	Announce Date	: 2024-09-03
EAN / UPC / JAN	: 198155185724	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.....

· 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



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	4Y Premier Support Plus upgrade from 1Y Onsite (5WS1L39466)
BETTER	3Y Premier Support Plus upgrade from 1Y Onsite (5WS1L39351)
GOOD	3Y Premier Support Upgrade from 1Y Onsite (5WS0T36111)

Please click [here](#) to view the full list of accessories.



PSREF
Product Specifications
Reference