

ThinkCentre neo 50a 27 Gen 5

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
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	90W 89% 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	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

Ethernet	Integrated 100/1000M
WLAN + Bluetooth^[6]	Intel® Wi-Fi® 6 AX201, 802.11ax 2x2 + BT5.2
WWAN	Non-WWAN
Rear Ports	<ul style="list-style-type: none">1x USB-A (USB 10Gbps / USB 3.2 Gen 2)2x USB-A (Hi-Speed USB / USB 2.0)1x HDMI®-in 1.41x HDMI®-out 2.1 TMDS1x Ethernet (RJ-45)1x power connector
Left Ports	<ul style="list-style-type: none">1x USB-C® (USB 10Gbps / USB 3.2 Gen 2), data transfer only1x 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
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SERVICE

Base Warranty	1-year, Onsite
Included Upgrade	None

CERTIFICATIONS

Green Certifications	<ul style="list-style-type: none">ENERGY STAR® 8.0EPEAT™ Silver RegisteredErP Lot 3/7GREENGUARD®RoHS / WEEE / REACH
Other Certifications	<ul style="list-style-type: none">TÜV Rheinland® Flicker FreeTÜV Rheinland® Low Blue LightTÜV Rheinland® Ultra Low Noise

SOFTWARE

Operating System	Windows® 11 Pro, English
Bundled Software	None

MODEL

TopSeller	: No	Announce Date	: 2024-07-16
EAN / UPC / JAN	: 198154673574	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=12SB002RAU>

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