

# 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 <sup>[1]</sup>	Up to 32GB DDR5-5200
Storage	1TB SSD M.2 2280 PCIe® 4.0x4 NVMe® Opal 2.0
Storage Support <sup>[2]</sup>	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 <sup>[3]</sup>	27" FHD (1920x1080) IPS Anti-glare 300nits, 99% sRGB, Touch
Touchscreen	10-point Multi-touch
Keyboard	USB Calliope Keyboard, Black, German
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) <sup>[4]</sup>	611.72 x 192 x 473.16 mm (24.08 x 7.55 x 18.62 inches)
Weight <sup>[5]</sup>	Around 7.1 kg (15.65 lbs)

## CONNECTIVITY

Ethernet	Integrated 100/1000M
WLAN + Bluetooth <sup>[6]</sup>	Intel® Wi-Fi® 6 AX201, 802.11ax 2x2 + BT5.2
WWAN	Non-WWAN
Rear Ports	<ul style="list-style-type: none"><li>1x USB-A (USB 10Gbps / USB 3.2 Gen 2)</li><li>2x USB-A (Hi-Speed USB / USB 2.0)</li><li>1x HDMI®-in 1.4</li><li>1x HDMI®-out 2.1 TMDS</li><li>1x Ethernet (RJ-45)</li><li>1x power connector</li></ul>
Left Ports	<ul style="list-style-type: none"><li>1x USB-C® (USB 10Gbps / USB 3.2 Gen 2), data transfer only</li><li>1x headphone / microphone combo jack (3.5mm)</li></ul>

## 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, Courier or Carry-in
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Included Upgrade	None
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## CERTIFICATIONS

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

## SOFTWARE

Operating System	Windows® 11 Pro, German
Bundled Software	None

## MODEL

TopSeller	: Yes	Announce Date	: 2024-08-13
EAN / UPC / JAN	: 0198155021589	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.....

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To see more note information, please link to <https://psref.lenovo.com/Detail/2429?M=12SB003AGE>

## 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

BETTER	4Y Premier Support Upgrade from 1Y Courier/Carry-in (5WSOT36180)
GOOD	3Y Onsite upgrade from 1Y Courier/Carry-in (5WSOD80960)

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

**PSREF**  
Product Specifications  
Reference