# ThinkCentre neo 50a 27 Gen 5 12SB001PPB



The product images are for illustration purposes only. Actual product appearance, ports, keyboard layout, and accessories may vary by model.

- Intel Core™ i5-13420H, 8C (4P + 4E) / 12T, P-core up to 4.6GHz, E-core up to 3.4GHz, 12MB Intel® Smart Cache
- 1x 16GB SODIMM DDR5-5200
- 512GB SSD M.2 2280 PCIe® 4.0x4 NVMe® Opal 2.0
- Integrated Intel® UHD Graphics
- Windows® 11 Pro, Polish / English
- Case color - Luna Grey
- 3Y Onsite upgrade from 1Y Courier/Carry-in Promo(CPN)

## Premier Support - A direct 24x7x365 line to our most elite technicians.

- Advanced technical support, 24x7x365, in more than 100 markets
- 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

## Recommended Accessories

Poland



Lenovo Wireless VoIP Headset (USB-C, Teams)

4XD1W27286



Lenovo 900 Multi-Device Wireless Mouse

GY51V37443



Lenovo PS8S Portable SSD 4TB

4XB1T91892

>> View More Accessories

## Recommended Services

**Best**

4Y Premier Support Upgrade from 3Y Onsite (5WS0T36184)

**Better**

3Y Premier Support Upgrade from 3Y Onsite (5WS0U26648)

**Good**

4Y Onsite upgrade from 3Y Onsite (5WS0D81224)

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## PERFORMANCE

**Processor**
Intel Core™ i5-13420H, 8C (4P + 4E) / 12T, P-core up to 4.6GHz, E-core up to 3.4GHz, 12MB Intel® Smart Cache

**Graphics**
Integrated Intel® UHD Graphics

**Chipset**
Intel® SoC Platform

**Memory**
1x 16GB SODIMM DDR5-5200

**Memory Slots**
Two DDR5 SODIMM 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 + IR

**Microphone**
2x, Array

**Power Supply**
135W 90% Adapter

## DESIGN

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

**Touchscreen**
10-point Multi-touch

**Keyboard**
EOS Wireless Keyboard, Black, English (EU)

**Mouse**
Wireless EOS 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

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

**WWAN**
WWAN Not Supported

**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 and 15W charging
- 1x headphone / microphone combo jack (3.5mm)

## SECURITY & PRIVACY

**Security Chip**
Firmware TPM 2.0 integrated in SoC

**Physical Locks**
Kensington Security Slot™, 3 x 7 mm

**Chassis Intrusion Switch**
No chassis intrusion switch

## MANAGEABILITY

**System Management**
Non-vPro

## SERVICE

**Base Warranty**
1-year, Courier or Carry-in

**Included Upgrade**
3Y Onsite upgrade from 1Y Courier/Carry-in Promo(CPN)

## CERTIFICATIONS

**Green Certifications**
- ENERGY STAR® 9.0
- EPEAT 1.0 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, Polish / English

**Bundled Software**
None

## MODEL

| | | | |
|---|---|---|---|
| **TopSeller** | : Yes | **EAN / UPC / JAN** | : 0197530805325 |
| **Announce Date** | : 2024-02-20 | **End of Support** | : 2031-03-30 |

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.

- Please refer to the official Lenovo store website or contact a local Lenovo sales representative or authorized business partner for current inventory and purchase options.
- Lenovo reserves the right to change specifications without notice.