# ThinkCentre neo 50a 24 Gen 7 13RW000GPB



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

- Intel Core™ 7 350, 6C (2P + 4LPE) / 6T, Max Turbo up to 4.8Ghz, 6MB Intel® Smart Cache
- 16GB Soldered LPDDR5x-7467
- 512GB SSD M.2 2280 PCIe® 4.0x4 NVMe® Opal 2.0
- Integrated Intel® Graphics
- Windows® 11 Pro, Polish / English
- Case color - Luna Grey
- 3Y Onsite upgrade from 1Y Courier/Carry-in ESS (SHDW 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 USB 20Gbps USB-C to USB-C Cable 1.5m

4X91U92143

>> View More Accessories

## Recommended Services

**Best**

4Y Premier Support for AIPC upgrade from 3Y Onsite (5WS1W19865)

**Better**

3Y Premier Support for AIPC upgrade from 3Y Onsite (5WS1W19880)

**Good**

4Y Onsite upgrade from 3Y Onsite (5WS1U96004)

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## PERFORMANCE

**Processor**
Intel Core™ 7 350, 6C (2P + 4LPE) / 6T, Max Turbo up to 4.8Ghz, 6MB Intel® Smart Cache

**AI PC Category**
AI PC

**Graphics**
Integrated Intel® Graphics

**Chipset**
Intel® SoC Platform

**Memory**
16GB Soldered LPDDR5x-7467

**Memory Slots**
Memory soldered to systemboard, no slots

**Max Memory**[1]
32GB soldered LPDDR5X-7467, not upgradable

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

**Max Storage Support**[3]
Up to two drives, 2x M.2 SSD • M.2 2280 SSD up to 1TB each • The second M.2 SSD slot is only for customer self-upgrade

**Card Reader**
No card reader

**Optical**
None

**Audio Chip**
High Definition (HD) Audio, Realtek® ALC3341 codec

**Speakers**
3Wx2, HARMAN

**Camera**
5.0MP

**Microphone**
Dual Microphone

**Power Supply**
90W 89% Adapter

## DESIGN

**Display**[4]
23.8" FHD (1920x1080) IPS Anti-glare 350nits, 120Hz, 99% sRGB, hardware low blue light, non-touch

**Touchscreen**
None

**Keyboard**
USB, Calliope, Black, English (EU)

**Mouse**
USB Calliope Mouse, Black

**Expansion Slots**[5]
Three M.2 slots (one for WLAN, two for SSD up to PCIe® 4.0 x2)[2]

**Case Color**
Luna Grey

**System Lighting**
Adaptive Lighting

**Stand**
Monitor Stand

**Mounting**
None

**Wireless Charger**
No Wireless Charger

**Form Factor**
AIO (23.8 inches)

**Dimensions (WxDxH)**[6]
539.2 x 172 x 471.8 mm (21.2 x 6.8 x 18.57 inches)

**Weight**[7]
Around 4.23 kg (9.31 lbs)

## CONNECTIVITY

**WLAN + Bluetooth**[8]
Realtek® Wi-Fi® 6 RTL8852BE, 802.11ax 2x2 + BT5.4

**WWAN**
WWAN Not Supported

**Ethernet**
Integrated 100/1000M

**Rear Ports**
- 1x USB-C® (USB 20Gbps / USB 3.2 Gen 2x2), data transfer, power output 5V@3A and DisplayPort™ out 2.1 functions
- 3x USB-A (USB 10Gbps / USB 3.2 Gen 2)
- 1x HDMI® (HDMI® in / HDMI® out 2.1 TMDS combo port)
- 1x Ethernet (GbE RJ-45)

**Left Ports**
- 1x USB-C® (USB 20Gbps / USB 3.2 Gen 2x2), data transfer, power output 5V@3A and DisplayPort™ out 2.1 functions
- 1x USB-A (USB 10Gbps / USB 3.2 Gen 2)
- 1x headphone / microphone combo jack (3.5mm)

## SECURITY & PRIVACY

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

**Physical Locks**
Kensington Security Slot™

## MANAGEABILITY

**System Management**
Non-vPro

## SERVICE

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

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

## CERTIFICATIONS

**Green Certifications**
- ENERGY STAR® 9.0
- EPEAT 1.0 Gold Registered
- EPEAT 2.0 Silver Registered
- ErP Lot 3/7
- Low Halogen
- RoHS / WEEE / REACH

**Other Certifications**
TÜV Rheinland® Ultra Low Noise

## SOFTWARE

**Operating System**
Windows® 11 Pro, Polish / English

**Bundled Software**
None

## MODEL

| | | | |
|---|---|---|---|
| **TopSeller** | : Yes | **EAN / UPC / JAN** | : 0828132953755 |
| **Announce Date** | : 2026-07-31 | **End of Support** | : 2033-02-28 |

Note:
[1] The max memory is based on the test results with current Lenovo memory offerings.
[2] M.2 PCIe 4.0 x4 SSD in an M.2 PCIe x2 slot runs at PCIe 4.0 x2 performance.
[3] The max capacity of each disk type is based on the test results with current Lenovo storage offerings.
[4] IPS (in-plane switching) technology may refer to IPS, PLS, ADS, AHVA, AAS.
[5] The second M.2 SSD slot is only for customer self-upgrade purpose.
[6] The system dimensions may vary depending on configurations.
[7] 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.
[8] Wi-Fi operation (including Wi-Fi 6, Wi-Fi 6E, Wi-Fi 7, etc.) is subject to the regulatory requirements of each country. Bluetooth may operate at a lower version than hardware design depending on the factors such as operating system, driver, etc.

- 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.