ThinkCentre neo 50a 24 Gen 4 12K9003LPB



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

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 Analog In-Ear Headphones Gen II Bulk Package (20pcs)

4XD1T54899



Lenovo Legion M220 Wireless RGB Gaming Mouse

GY51U28359



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™ i5-13500H, 12C (4P + 8E) / 16T, P-core up to 4.7GHz, E-core up to 3.5GHz, 18MB Intel® Smart Cache[1]

Graphics
Integrated Intel® Iris® Xe Graphics Functions as UHD Graphics

Chipset
Intel® SoC Platform

Memory
1x 8GB SODIMM DDR5-5200

Memory Slots
Two DDR5 SODIMM slots, dual-channel capable

Max Memory[2]
Up to 16GB DDR5-5200

Storage
256GB SSD M.2 2280 PCIe® 4.0x4 NVMe® Opal 2.0

Max Storage Support[3]
- Up to two drives, 1x 2.5" HDD + 1x M.2 SSD • 2.5" HDD up to 2TB • M.2 SSD up to 1TB
- To install a HDD storage, assembly kits are needed. The kits only come with HDD models.

Card Reader
No card reader

Optical
DVD±RW

Audio Chip
High Definition (HD) Audio

Speakers
3Wx2

Camera
5.0MP + IR

Microphone
2x, Array

Power Supply
180W 90%

DESIGN

Display[4]
23.8" FHD (1920x1080) IPS 250nits Anti-glare, 72% NTSC, Touch

Touchscreen
10-point Multi-touch

Keyboard
Calliope Wireless Keyboard, Black, English (EU)

Mouse
Calliope Wireless Mouse, Black

Expansion Slots
Two M.2 slots (one for WLAN, one for SSD)

Case Color
Raven Black

Stand
Liftable Monitor Stand

Mounting
Supports VESA mount 100mm

Pen
Pen Not Supported

Form Factor
AIO (23.8 inches)

Dimensions (WxDxH)[5]
541 x 220 x 482 mm (21.3 x 8.7 x 19 inches)

Weight[6]
Around 7.64 kg (16.84 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-C® 2.0 (Supports data transfer, Power Delivery 3.0)
- 2x USB-C® 3.2 Gen 2
- 1x USB 2.0
- 1x USB 3.2 Gen 2 (Supports smart power-on)
- 1x HDMI-in 1.4
- 1x HDMI-out 2.1 TMDS
- 1x Ethernet (RJ-45)
- 1x headphone / microphone combo jack (3.5mm)

Left Ports
1x USB 3.2 Gen 1

Monitor Cable
1x USB-C® to USB-A

SECURITY & PRIVACY

Security Chip
Firmware TPM 2.0 integrated in SoC

Physical Locks
Kensington Security Slot™, 3 x 7 mm

SERVICE

Base Warranty
1-year, Onsite

Included Upgrade
3Y Onsite upgrade from 1Y Onsite

CERTIFICATIONS

Green Certifications
- ENERGY STAR® 8.0
- EPEAT Silver Registered

Other Certifications
- TÜV Rheinland® Flicker Free
- TÜV Rheinland® Low Blue Light
- TÜV Rheinland® Ultra Low Noise

Mil-Spec Test
None

SOFTWARE

Operating System
Windows® 11 Pro, Polish / English

Bundled Software
None

ACCESSORIES

Bundled Accessories
USB-C® to USB-A dongle

MODEL

TopSeller	: Yes	**EAN / UPC / JAN**	: 0197528626277
Announce Date	: 2023-06-06	**End of Support**	: N/A

Note:
[1] Intel Max Turbo frequency will vary depending on application workload and the hardware and software configurations, see http://www.intel.com/technology/turboboost/ for more information.
[2] The max memory is based on the test results with current Lenovo memory offerings.
[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 system dimensions may vary depending on configurations.
[6] 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.