

ThinkCentre neo 50a 27 Gen 5

This all-in-one device is a powerhouse for desk-based professionals, providing the performance, versatility, and security required to excel in diverse work environments. With up to 13th Gen Intel Core i7 processor and up to 32GB DDR5 memory, experience seamless multitasking and fast response times. It can tackle resource-intensive tasks effortlessly, which makes it ideal for content creators, software developers, and data analysts. Support for up to 2 independent monitors is ideal for financial analysts, researchers, and anyone requiring an extended desktop for enhanced efficiency.



Rugged compact performance primed for business

ThinkCentre Neo series offers organizations enhanced manageability and security features, along with additional configuration and expansion options.

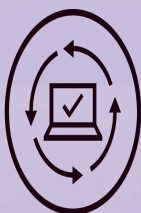
The 27" display provides a visually immersive experience. Opt for the optional multi-touch display with low blue light technology for enhanced comfort during prolonged usage. Perfect for graphic designers and architects who carry out visually demanding tasks.

Experience HD audio through Realtek stereo speakers and a dual-microphone array. Users can communicate clearly during virtual meetings, making it an excellent choice for consultants, sales professionals, and customer support teams.

Experience HD audio through Realtek stereo speakers and a dual-microphone array. Communicate clearly during virtual meetings, making it an excellent choice for consultants, sales professionals, and customer support teams. Enhance your virtual meetings with the optional 5.0 MP IR camera. Perfect for professionals who frequently engage in video conferencing, ensuring you're seen clearly in every interaction.

Lenovo Services

Lenovo delivers tailored sustainability services, devices, and infrastructure solutions from our broad portfolio, working closely with you to support your target outcomes across the IT lifecycle..



On-site Service

- If a problem can't be fixed remotely, we will visit your location
- Normally next business day service
- Agreed appointment times

Accessories

ThinkPad TrackPoint Keyboard II

- Compact familiar ThinkPad keys with integrated ThinkPad trackpoint
- Dual mode connection with Bluetooth 5.0 and 2.4G Wireless via Nano USB dongle
- Supports 6-point key typing for visually impaired



PN: 4Y40X49493

ThinkPad X1 Presenter Mouse

- 2-in-1 mouse with gyro technology and intuitive buttons to control PowerPoint or PDF slides
- Pair with multiple devices using dual-mode 2.4Ghz wireless or Bluetooth 5.0
- Rechargeable internal battery provides up to 2 months of use with just 2 hours of charging



PN: 4Y50X88824

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Performance

Processor 13th Gen Intel Core i3/i5/i7
Operating System* Windows 11 Home Windows 11 Pro
Graphics Intel UHD Graphics (integrated)
Chipset Intel SoC (System on Chip) platform
Memory¹ Up to 32GB DDR5-5200, two SO-DIMM slots
<i>¹The max memory is based on the test results with current Lenovo memory offerings.</i>
Storage² One drive, up to 1TB M.2 SSD
<i>²The max capacity of each disk type is based on the test results with current Lenovo storage offerings.</i>
Audio High Definition (HD) Audio Stereo speakers, 3W x2, Audio by HARMAN Dual-microphone array
Camera* 5.0-megapixel* 5.0-megapixel IR camera*
Power Supply* 135W 90% PSU 90W 89% PSU
Design
Display 27" FHD (1920x1080) IPS display, Anti-glare 16:9 - 300nits, 99% sRGB, low blue light, flicker free, optional touch

Form factor AIO (27 inches)
Dimensions³ 611.72 x 192 x 473.16 mm (24.08 x 7.56 x 18.62 inches)
<i>³The system dimensions may vary depending on configurations.</i>
Weight⁴ Around 7.1 kg (15.65 lbs)
<i>⁴The system weight is approximate and may vary depending on configurations</i>
Expansion Slots One M.2 slot (for WLAN) One M.2 slot (for SSD)

Connectivity

WLAN + Bluetooth*⁵ 802.11ax (Wi-Fi 6), Bluetooth 5.2 or 5.3 Up to Realtek Wi-Fi 6 RTL8852BE, Bluetooth 5.3
<i>⁵Wi-Fi 6E is only enabled on Windows 11 and operates as Wi-Fi 6 with Windows 10.</i>
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 only 1x headphone / microphone combo jack (3.5mm)

Security & Privacy

Security Firmware TPM 2.0 integrated in SoC

Lenovo services

Base Warranty Up to 1-year limited onsite service
Certifications
Green Certifications^{7 8} EPEAT Silver Registered* ENERGY STAR 8.0* GREENGUARD RoHS / WEEE / REACH ErP Lot 3 and Lot 7
<i>⁷The items listed under the "Green Certifications" section may not only refer to certification but also registration or self-declaration.</i>
<i>⁸EPEAT is registered where applicable, please see epeat.net for registration status by country.</i>
Other Certifications TÜV Rheinland Ultra Low Noise* TÜV Rheinland Flicker Free TÜV Rheinland Low Blue Light

Items with * are optional and only available on selected models. Information presented here may represent the maximum possible configurations for this product, but it does not necessarily reflect what is available in your region. Please ask your rep or check the specifications for specific Part Numbers in your region. © 2024 Lenovo. Products are available while supplies last. Lenovo is not responsible for photographic or typographic errors. Lenovo, the Lenovo logo, ThinkPad, ThinkCentre, ThinkBook, ThinkStation and ThinkVision are trademarks or registered trademarks of Lenovo. 3rd party product and service names may be trademarks of others. Depending on factors such as the processing capability of peripheral devices, file attributes, system configuration and operating environments, the actual data transfer rate of USB connectors will vary and is typically slower than published standards.