

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.



Empowering the modern workforce with a streamlined desktop experience

ThinkCentre Neo series offers 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..



Accessories

ThinkPad Bluetooth Silent Mouse

- Left/Right hand, easy-to-carry low profile mouse
- Switch between 2 devices with dual-host Bluetooth 5.0 connectivity
- 2-way scrolling with on-the-fly DPI adjustment (2400, 1600, 800)



PN: With Battery : 4Y50X88822 Without Battery : 4Y50X88823

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Performance

Processor
13th Gen Intel Core i3 / i5 / i7 or Intel H Series Core 5 / 7 Processor (Series 2)

Operating System
Windows 11 Pro or Home

Graphics
Intel UHD Graphics (integrated)

Chipset
Intel SoC (System on Chip) platform

Memory
Up to 32GB DDR5-5200, two SODIMM slots

Storage
One drive, up to 1TB M.2 SSD

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)

Dimensions
611.72 x 192 x 473.16 mm (24.08 x 7.56 x 18.62 inches)

Weight
Around 7.1 kg (15.65 lbs)

Expansion Slots
One M.2 slot (for WLAN)
One M.2 slot (for SSD)

Connectivity

WLAN + Bluetooth
802.11ax (Wi-Fi 6), Bluetooth 5.2
Up to Realtek Wi-Fi 6 RTL8852BE, Bluetooth 5.2

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 headphone / microphone combo jack (3.5mm)
1x USB-C (USB 10Gbps / USB 3.2 Gen 2), data transfer and 15W charging

Security & Privacy

Security
Firmware TPM 2.0 integrated in SoC
Kensington Security Slot

Environmental

Material
65% PCC ABS bezel
95% PCC recycled plastic used in USB keyboard/mouse
90% PIC recycled plastic EPE cushion
30% OBP used in bag FSC certified paper in packaging

Lenovo services

Base Warranty
Up to 1-year limited onsite service

Certifications

Green Certifications
ENERGY STAR 8.0*
EPEAT Gold Registered*
GREENGUARD
RoHS / WEEE / REACH
ErP Lot 3 and Lot 7

Other Certifications
TÜV Rheinland Ultra Low Noise*
TÜV Rheinland Flicker Free
TÜV Rheinland Low Blue Light

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