

# ThinkCentre neo 50a 27 Gen 6 LNL

Experience lightning-fast speeds and extreme multitasking with the device featuring Intel® U Series Core Ultra 5 / 7 Processors (Series 2), allowing professionals to crunch through intensive reports while streaming without closing a tab. Coupled with integrated Intel® Arc™ 130V/140V Graphics, immerse yourself in stunning visuals, whether editing photos, watching videos, or gaming. With the desktop's adjustable monitor stand, customize the viewing angle with a tilt range from -5° to +15°, providing the perfect perspective for extended productivity.



## 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 device features dual 3W HARMAN stereo speakers, delivering a rich and immersive audio experience. Additionally, the dual-microphone array minimizes background noise, ensuring seamless communication whether you're participating in virtual meetings, recording podcasts, or engaging in online gaming.

Whether you're running resource-intensive applications, juggling multiple browser tabs, or engaging in creative endeavors, up to 16GB LPDDR5x-8533 memory and up to 1TB M.2 SSD storage enable smooth transitions and swift responsiveness without delays.

The sleek new 27" AIO desktop brings power and elegance together in one seamless design. Housed in a striking Raven Black case, the system delivers a clean, modern look that elevates any workspace while saving valuable desk space.

# 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

## ThinkCentre Tiny-In-One 27

- Crisp and clear visuals
- Privacy and data protection
- Versatile setup with multiple ports



# ThinkCentre neo 50a 27 Gen 6 LNL

## Performance

### Processor

Intel U Series Core Ultra 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

16GB soldered LPDDR5X-8533 MoP, not upgradable

### 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\*

### 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 192.1 x 471.66 mm (24.08 x 7.56 x 18.56 inches)

### Weight

Around 7.1 kg (15.65 lbs)

### Expansion Slots

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

## Connectivity

### Ethernet\*

Gigabit onboard Ethernet

### WLAN + Bluetooth\*

802.11ax (Wi-Fi 6), Bluetooth 5.2  
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

### Right 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  
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 9.0\*  
GREENGUARD  
RoHS / WEEE / REACH  
ErP Lot 3 and Lot 7

### Other Certifications

TÜV Rheinland Ultra Low Noise\*