

# Lenovo ThinkCentre

## Smarter technology for all

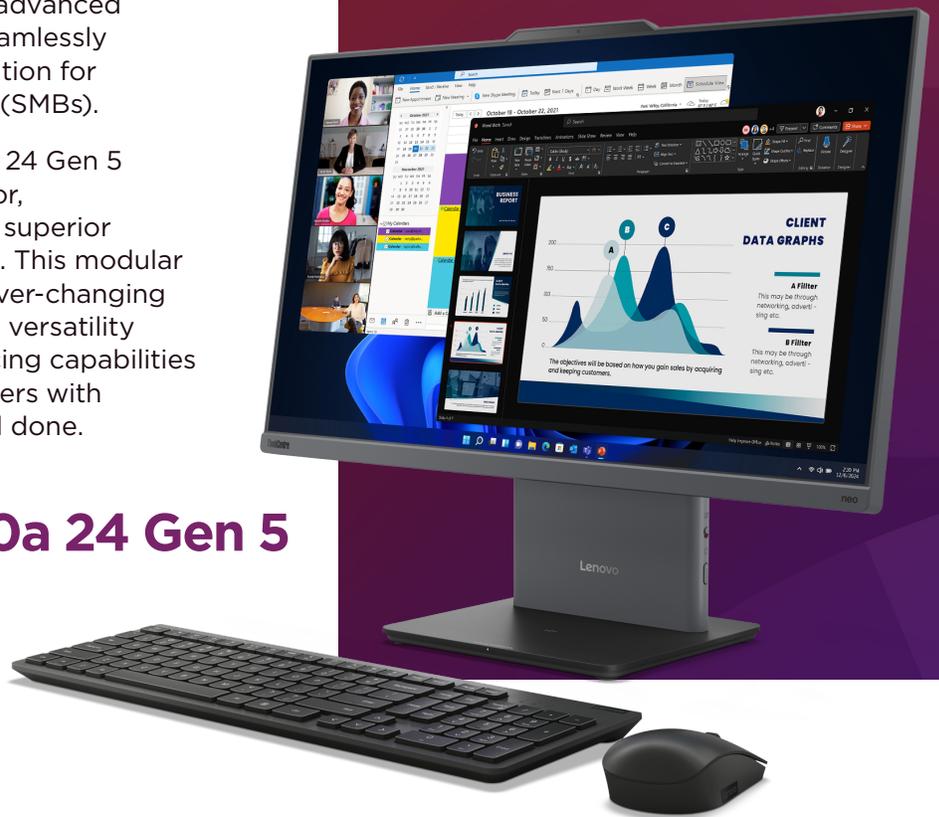
# Lenovo

The rise of hybrid work, remote work, and hot desking has transformed the work environment, making compact All-in-One (AIO) devices indispensable to meet changing demands, particularly for optimizing shared work spaces.

Introducing Lenovo ThinkCentre neo 50a 24 Gen 5, a game-changing innovation where advanced technology and intelligent design seamlessly converge to offer a truly refined solution for Small and Medium-sized Businesses (SMBs).

At the heart of ThinkCentre neo 50a 24 Gen 5 is an advanced Intel® Core™ processor, ensuring seamless performance and superior efficiency for all business operations. This modular and compact device adapts to the ever-changing hybrid workspace, offering users the versatility they require. Its advanced conferencing capabilities and updated performance equips users with all the key components for a job well done.

## ThinkCentre neo 50a 24 Gen 5



\*Keyboard and mouse sold separately



Up to Intel® Core™ i7 processor

# ThinkCentre neo 50a 24 Gen 5



## The productivity catalyst

The up to Intel® Core™ i7 processor in ThinkCentre neo 50a 24 Gen 5 promises faster data processing, reduced load times, and heightened system responsiveness. Multitasking is effortless with up to 32GB DDR5 memory. The integrated graphics and up to 1TB SSD storage provide seamless visual performance and rapid data access for improved computing. Additionally, Microsoft Copilot, the AI-powered virtual assistant, brings about an entirely new level of productivity enhancement by optimizing collaboration, providing intelligent insights, automating workflows, and offering round-the-clock support.



## Meetings made smarter

ThinkCentre neo 50a 24 Gen 5 empowers users to seamlessly conduct highly productive and professional meetings in the evolving hybrid workspace. Virtual interactions gain flexibility with temporary avatars, while face and group tracking tools ensure participants remain visible throughout the interaction. Experience superior visual quality in meetings with the 5MP camera, complemented by distinct audio powered by HARMAN and Dolby-certified speakers. The HDMI-in port for convenient Display Sharing promotes cross-device collaboration.



## Elegance for the workspace

Experience a harmonious balance of form and function with ThinkCentre neo 50a 24 Gen 5. It features a modular design with a slim panel head that seamlessly blends Luna Grey and Eclipse Black colors in its build, creating a timeless look. Its TÜV Ultra Low Noise certification ensures a tranquil working environment. This entry-level AIO for SMBs is the world's first to offer wireless charging,<sup>1</sup> eliminating cable clutter and freeing up USB-C ports for other essential functions.



Up to Intel® Core™ i7 processor

## Data management

Lenovo Smart Storage streamlines data management by offering automated backups and free access to shared files, facilitating collaboration. Administrators can invite and remove members to safeguard data integrity.

## Better display

The 24-inch FHD touch<sup>1</sup> display offers an impressive 100Hz refresh rate and 250nits of brightness, ensuring visuals remain sharp, smooth, and blur-free even when toggling between multiple windows. The three-side borderless panel enhances the aesthetic appeal, offering an expansive screenspace ideal for productivity.

## Safe and versatile

The e-shutter on ThinkCentre neo 50a 24 Gen 5 safeguards user privacy through camera control. Equipped with a variety of I/O ports, including USB-A 3.2, USB-A 2.0, HDMI, and USB-C 3.2, the AIO ensures excellent connectivity to various peripherals.

<sup>1</sup>Optional

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# ThinkCentre neo 50a 24 Gen 5

## Rooted in eco-friendliness

The ThinkCentre neo 50a 24 Gen 5 embodies sustainability, boasting a host of environmentally sound features and certifications for a distinctively green computing experience.



ENERGY STAR® 8.0,\* CEC standards, and ErP compliances exemplify energy efficiency of the device



65% PCC and 30% OBP in device components promote resource conservation and sustainability

## Services

Lenovo offers a comprehensive portfolio of end-to-end services to support and protect your investment — so you can focus on the job at hand, not IT.



### Premier Support Plus

Premier Support Plus helps CIOs provide their organization's workforce with the support to do their best work while freeing IT teams from the break/fix burden. Get the highest level of support, including Lenovo expert engineers for a seamless remote fix; next business day onsite labor and parts prioritization (dependent on market parts and HW availability) Accidental Damage Protection for inevitable mishaps such as drink spills; Keep Your Drive; and more. Lenovo's human-centered approach is designed to meet support needs 24/7/365, and our proactive and predictive issue detection helps solve issues before they happen.



### CO<sub>2</sub> Offset Services

Lenovo CO<sub>2</sub> Offset Services estimates CO<sub>2</sub> emissions across the average lifecycle of your device from manufacture to daily use to end-of-life and allows you to offset them by supporting verified United Nations, CDM, Climate Action Reserve, and Gold Standard® climate action projects. With access to a personalized sustainability dashboard. You will also be able to view project details, measure the total offsets across your IT footprint, and have full transparency of your contribution toward the environment.



### Asset Recovery Service

This single-source solution helps manage IT assets at their end-of-life. Through certified recycling, reuse, and refurbishment of your assets, a dedicated Lenovo team will work with you to mitigate your IT hardware's environmental impact and data security risks, regardless of the brand.

## Accessories

### Lenovo Essential Wireless Combo Gen 2

With a slim keyboard and standard-size mouse it offers functionality and comfort. With a single nano receiver for Lenovo devices, connectivity is seamless. Crafted with 65% PCC, this combo is sustainable too.



(PN: 4X31N507xx)

### Lenovo Wired VoIP Headset (Teams)

Designed for the hybrid workplace, this headset features EPOS BrainAdapt™ and ActiveGard® technology to reduce fatigue and protect your hearing. Plus, with the two variations on offer: one that's Microsoft Teams certified, and the other made for Zoom & other UC-platforms — you're guaranteed to find a solution that meets your needs.



(PN: 4XD1M45626)

\*Not available for models with Intel® Core™ i3 or Intel® Pentium® processors

# ThinkCentre neo 50a 24 Gen 5

## Performance

### Processor

Up to Intel® Core™ i7 processor

### Operating System

Windows 11

### Memory

Up to 32GB DDR5 (5200MHz)  
2 x SODIMM

### Storage

Up to 1TB M.2 PCIe SSD

### Graphics

Integrated UMA

### Power supply

90W/135W\*

### Camera and mic

5MP/5MP + IR camera<sup>1</sup>  
Dual-array mic

### Speaker

Dolby Audio  
2 x 3W HARMAN speakers

## Security

e-shutter for privacy  
f-TPM

## Connectivity

### LAN

10/100/1000M

### WLAN

Wi-Fi 6  
Bluetooth® 5.2

### Side I/O ports

1 x USB-C 3.2 Gen2  
1 x headphone and mic combo

### Rear I/O ports

1 x USB-A 3.2 Gen2  
2 x USB-A 2.0  
1 x HDMI-out 2.1 TMDS  
1 x HDMI-in  
1 x LAN in  
1 x Power DC in

## Design

### Form factor

AIO

### Display

23.8", WVA, 1920 x 1080,  
FHD, IPS, 16:9, 250nits,  
100Hz refresh rate, 99% sRGB,  
TÜV Low Blue Light (H/W)

### Luminance

250cd/m<sup>2</sup>

### Contrast ratio

1300:1

### View angle (L/R/U/D)

89°/89°/89°/89°

### Surface treatment

Anti-glare 25%

### Bezel width (left/right)

4mm

### Dimensions

Without package (L x W x H)  
539.5 x 192.10 x 431.17mm  
21.24 x 7.56 x 16.97 inches

### Weight

Without package (kg/lbs.)  
6.0kg/13.22lbs.

With package (kg/lbs.)

9.55kg/21.05lbs.

### Colors

Luna Grey and Eclipse Black

## Sustainability

### Material

PCC 65%  
OBP 30%

### Certifications/Registries

ENERGY STAR® 8.0<sup>2</sup>  
EPEAT™ Silver  
ErP  
TED (Eco-declaration)  
Japan Energy Saving Law  
IEC 62368  
RoHS  
GREENGUARD™  
Product Carbon Footprint  
CEC  
Low Halogen (only Chassis)  
TÜV Low Blue Light  
TÜV Ultra Low Noise  
Low Frequency Flash

## Software

Lenovo Smart Storage  
McAfee Live Safe  
MS Office Trial (except Japan)



Up to Intel® Core™ i7 processor

<sup>1</sup>Optional  
<sup>2</sup>Not available for models with Intel® Core™ i3 or Intel® Pentium® processors  
<sup>\*</sup>For wireless charging

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