

Lenovo ThinkCentre

Smarter technology for all

Lenovo

Enterprises are increasingly recognizing the potential of Generative AI, with nearly 46% expressing a strong interest in experimenting with this transformative technology, according to an IDC report.¹ This powerful technology has made a splash this year, benefiting both enterprises and creative professionals. AI has proven to be a catalyst, supercharging business productivity and fostering creativity among the workforce.

Introducing **Lenovo ThinkCentre neo Ultra** – a premium Ultra Small form factor desktop designed specifically for enterprises. It delivers a world-class business solution with Intel vPro[®] platform with up to Intel[®] Core™ i9 processor. Tailored for various business pursuits, this device gets an AI assist from the independent Neural Processing Unit (NPU) card and NVIDIA[®] GeForce RTX™ 4060 graphics card, delivering smarter computing and greater productivity for your everyday tasks. ThinkCentre neo Ultra helps with multimedia production, workflow automation, coding, customer service, and more in a completely scalable and secure way.



*Monitor, keyboard, mouse, and VR headset sold separately

ThinkCentre neo Ultra



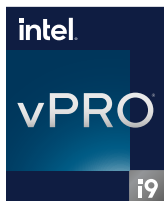
Front view



Bottom view



Rear view



¹Future Enterprise Resiliency and Spending Survey Wave 2, IDC, March 2023

ThinkCentre neo Ultra

Exploring transformative use cases

ThinkCentre neo Ultra is crafted to elevate and streamline AI workflows. An independent NPU, along with a powerful CPU and GPU seamlessly work together to guarantee a scalable work experience.



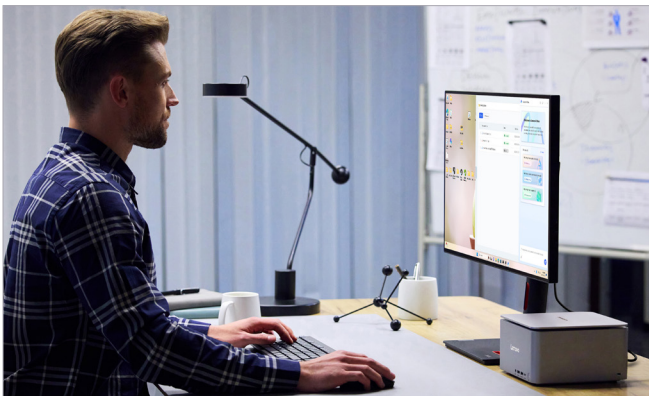
AI live-streaming

AI-based live-streaming benefits enterprises, enabling meetings, pitches, and product showcases through virtual interactions. With personalized avatars and immersive environments, this device optimizes the live-streaming experience, elevating quality and interactivity.



Creative discovery with Creator Zone*

The Creator Zone app on this device transforms text descriptions or sketches into high-res visuals. It has three main features: 'Create' for generating images, 'Train' for customization and monitor training, and 'Library' for managing and reviewing the created images.



AI-powered work assistant

Lenovo AI Now* offers personalized experiences using on-device knowledge, simplifying workflows. It uses natural language to manage device settings, provide service info, and summarize emails. It also generates meeting invites and merges live camera feeds with avatars for improved collaboration.



Remote VR assistance

This versatile ultra small form factor desktop accelerates content creation for VR devices for remote maintenance, especially in automotive and manufacturing enterprises. It also enables seamless planning and execution of product demonstrations and live shoots.



Intel vPro® with Intel® Core™ i9 processor
for an unrivaled business-class PC solution

*Available on a later date

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ThinkCentre neo Ultra



Power unleashed

Up to Intel® Core™ i9 processor delivers unmatched power for demanding tasks, ensuring swift multitasking and seamless content creation. Intel vPro® Enterprise enhances the device's functionality with robust below-the-OS hardware security and remote management, providing a professional computing experience. Paired with up to 64GB DDR5 memory and a spacious up to 4TB SSD, it handles heavy-duty tasks effortlessly. An NVIDIA® GeForce RTX™ 4060 graphics card supports creative uses to pair with Generative AI potential. Wi-Fi 7 meets diverse demands of GenAI applications, video calls, streaming, and more.



Accelerated for AI

ThinkCentre neo Ultra's dedicated NPU or AI accelerator meets AI scalability demands, helping achieve the Trillion Operations Per Second needed for an AI-powered PC. AI accelerator heightens AI inference on the PC, allowing enterprises to quickly implement, and securely run AI-based solutions on-premise, at scale. Smart Connect feature unifies digital ecosystems for a multi-device experience, while Lenovo AI Now¹ streamlines workflows and enhances collaboration. Microsoft Copilot,² a smart assistant enhances the efficiency of everyday tasks.



Blending style and functionality

ThinkCentre neo Ultra's compact 3.6L chassis packs a punch, offering user-centric features. Its ultra small form factor houses a built-in Power Supply Unit (PSU), streamlining the setup with a single power cable. The four thermal fans,³ two for the system, one for the PSU, and one for the graphics card, guarantee efficient cooling. The Luna Grey body, made from recycled aluminum reflects a commitment to sustainability. Boasting up to eight DisplayPort slots, users experience seamless multi-monitor support. The integrated RAID system ensures ongoing data backup, reducing the likelihood of data loss.

Accessories



(PN: 63A1GAR1WW, 63A1GAR1US)

ThinkVision P27h-30 Monitor

The ThinkVision P27h-30 is a brilliant, versatile performer tailored to your needs. The monitor boasts of 99% sRGB, and 95% DCI-P3, ensuring sharp images and wide-viewing angles. Its one-cable USB-C connectivity serves as an efficient docking station for multitasking with multiple devices.



(PN: 4X30M39458)

Lenovo Professional Wireless Combo

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: 12DE0003US)

Lenovo ThinkReality VRX Headset

Powered by Qualcomm Snapdragon XR2+ Gen 1 chipset, it offers immersive experiences. It boasts 2280 x 2280 per eye resolution, and four front cameras enable 6DoF (six degrees of freedom) tracking.



¹Available on a later date
²Only trial version is available
³Available only on 65W CPU version

ThinkCentre neo Ultra

Performance

Processor

Up to Intel® Core™ i9 processor
on Intel vPro® Enterprise platform

Operating System

Windows 11 Pro
Windows 11 Home

Memory

Up to 64GB DDR5 (5200MHz)
2 x SODIMM

Storage

Up to 4TB
2 x SSD slot

Graphics

NVIDIA® GeForce RTX™ 4060

Power supply

350W internal PSU

Audio

Normal speaker¹
Premium 2W internal speaker¹

Security

HW-TPM 2.0
Kensington™ Slot
Smart USB protection in BIOS
Disable IO ports by BIOS
Smart Power On
Intel vPro® Enterprise

Connectivity

LAN

1G LAN

WLAN

Up to Wi-Fi 7
Bluetooth® 5.2

Front I/O ports

1 x USB 3.2 Gen2 Type-C
2 x USB 3.2 Gen2 Type-A
1 x Audio Combo

Rear I/O ports

2 x USB 3.2 Gen2 Type-A
2 x USB 3.2 Gen1 Type-A
1 x HDMI 2.1 TMDS
1 x DP 1.4
1 x RJ45
1 x HDMI 2.1 (dGPU)
3 x DP 1.4 (dGPU)
Flex IO port #1
(VGA/DP/HDMI/ Type-C/Serial)²
Flex IO port #2
(VGA/DP/HDMI/Serial/LAN)

Design

Form factor

3.6L Ultra Small

Dimensions (W x D x H)

195 x 195 x 107mm
7.67 x 7.67 x 4.21 inches

Weight

3.25kg/7.16lbs.

Color

Luna Grey

Sustainability

Material

Top cover

Aluminum (50% Hydro
& 50% recycled)
Paint (waterborne)

Top inner

Plastic textured (biomass)

Middle body

Aluminum

Bottom cover

Plastic textured (biomass)

Certifications/Registries

ENERGY STAR® 8.0
EPEAT™ Gold
ErP Lot 3
RoHS
85% PCC
TÜV Ultra Low Noise
TCO 9.0

Software

McAfee LiveSafe
MS Office Trial (except Japan)
Lenovo AI Now³
Smart Connect
Creator Zone³
Microsoft Copilot (Trial version)



Intel vPro® with Intel® Core™ i9 processor
for an unrivaled business-class PC solution

¹Optional
²Available only on 35W CPU version
³Available on a later date

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