ThinkCentre Neo Ultra

Introducing Lenovo ThinkCentre neo Ultra– an ultra-small form factor desktop designed specifically for modern enterprises. Driven by the 14th Gen Intel® Core™ i9 processor and NVIDIA® GeForce RTX™ 4060 graphics card, the device delivers smart computing and unmatched productivity for your everyday tasks. Its dedicated NPU or AI accelerator heightens AI inference on the PC, allowing professionals to implement and securely run AI-based solutions on premise, at scale. Encased in a Luna Grey body, this compact 3.6L powerhouse is made from recycled aluminum-reflecting its commitment to sustainability.

Rugged compact performance primed for business

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

Business professionals will appreciate the AI-powered live streaming features that enhance meetings, sales pitches, and product presentations during web conferences. Plus, the Lenovo AI Now assistant offers personalized experiences by managing device settings, generating meeting invites and summarizing emails.

The device is equipped with Wi-Fi 7 to meet the diverse demands of Gen AI applications, video calls, streaming and more. A slew of front and rear ports, including USB-A, USB-C, DisplayPort and HDMI 2.1 facilitate data transfers, power delivery and multi-monitor support.

ThinkCentre Neo Ultra's compact 3.6L chassis occupies less physical space, making it ideal for dense official setups. It also contributes to a cleaner, clutter-free workspace, improving overall ergonomics and user comfort.

Small form, big impact

ThinkCentre Neo Ultra is crafted to elevate and streamline AI workflows. Its ultra small form factor accelerates content creation for VR devices, enabling efficient remote maintenance. The Creator Zone app on this device transforms text descriptions or sketches into high-resolution visuals. Additionally, with personalized avatars and immersive environments, it optimizes the live-streaming experience, elevating both quality and interactivity.
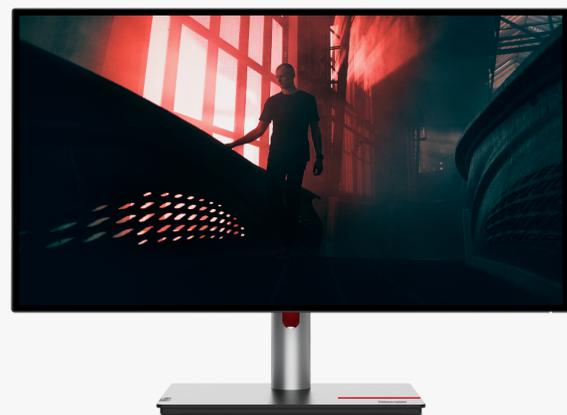
Power unleashed

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 up to 4TB SSD, it handles heavy-duty tasks effortlessly.

Accelerated for AI

The ThinkCentre Neo Ultra's dedicated NPU or AI accelerator meets the scalability demands of AI, enabling the Trillion Operations Per Second required for an AI-powered PC. Its Smart Connect feature unifies digital ecosystems for a multi-device experience, while Microsoft Copilot- a smart assistant enhances the efficiency of everyday tasks.

Blending style and functionality

The Luna Grey body, made from recycled aluminum reflects a commitment to sustainability. With up to eight DisplayPort slots, the device allows users to experience a seamless multi-monitor setup. The four thermal fans- two for the system, one for the PSU, and one for the graphics card, ensure efficient cooling.

Built to reduce environmental footprint

Lenovo is making the industry's broadest portfolio of technology solutions more sustainable to help organizations reduce their environmental impact. As a global technology powerhouse, Lenovo is committed to achieving net-zero greenhouse gas emissions by 2050 with targets validated by SBTi.

Recycled or sustainable product materials

Lenovo embraces sustainability by assimilating recycled materials such as post-consumer recycled content (PCC) in its manufacturing processes. Incorporating these materials makes the manufacturing process energy efficient, leading to a decreased carbon footprint and contributing to a circular economy.

- 85% PCC in chassis

Recycled shipping/packaging content

Lenovo is innovating to increase energy efficiency and the use of recycled content in our devices. By incorporating post-industrial recycled content and recycled ocean-bound plastic, our packaging provides exceptional protection to the device and significantly minimizes waste, while ensuring it undergoes rigorous testing to ensure low chemical emissions.

- Made with 85% PCC for increased ozone-friendliness

Product PCC

85% PCC in chassis

Lenovo Premier Support Plus

Lenovo Premier Support Plus offers comprehensive assistance by freeing IT teams of break/fix responsibilities. Its AI-driven predictive issue detection anticipates problems ensuring uninterrupted productivity, while with 24x7 access to experts, remote fixes are seamless. Plus, Accidental Damage handles mishaps and Keep Your Drive ensures security.

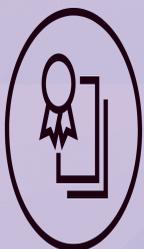### Asset Recovery Service (ARS)

Lenovo's Asset Recovery Service (ARS) enable secure destruction of data, help reduce e-waste and offer a fair market for your end-of-life IT assets. The service also supports equipment from any manufacturer including PCs & tablets, monitors, servers, phones, printers, copiers, and networking equipment.

Lenovo Co2 Offset Services

Lenovo's Co2 Offset Service makes offsetting carbon emissions simple and within the control of the customer. We offset the carbon emissions across the average lifecycle associated with each of our devices by providing the option at the point of purchase, supporting the United Nations, Gold Standard®, and Climate Action Reserve.

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..

Return To Depot Repair Warranty

• No-hassle repair process at a Lenovo service center

• Lenovo pays for all shipping between the customer and service facility

• Avoid unplanned operational expense with a simple annual fee

Accessories

ThinkVision P27h-30

• The monitor is constructed with a 4-side NearEdgeless design, providing a maximized viewing experience.

• It allows you to truly experience multitasking by working on two computer systems on one screen with PiP (picture-in-picture), PbP (picture-by-picture), and KVM (keyboard, video, and mouse) switch.

• The Natural Low Blue Light technology automatically reduces harmful blue light without color distortion to protect your eyes and never let eye strain get in the way of your productivity.

Lenovo Professional Wireless Keyboard & Mouse

• Wireless keyboard and mouse combo with reliable 2.4 GHz wireless connection

• Slim keyboard with number pad, noise-suppression design, dedicated media controls & adjustable tilt legs

• Contoured design of the mouse suits both left-handed & right-handed users

PN: 4X30H56796

ThinkCentre Neo Ultra

Performance

Processor
14th Generation Intel Core i5 / i7 / i9 Processor

Operating System
Windows 11 Pro
Windows 11 Home
Windows 11 Home Single Language

NPU
Discrete NPU card*

Graphics
Intel UHD graphics 770 (Integrated)
NVIDIA GeForce RTX 4060

Chipset
Intel Q670 Chipset

Memory [1]
Up to 64GB DDR5-5200, two SO-DIMM slots

[1]The max memory is based on the test results with current Lenovo memory offerings.

Storage [2]
Dual SSD mode: up to two drives, 2x M.2 SSD
• M.2 2280 SSD up to 2TB
• RAID 0/1 support for SSDs

[2]The max capacity of each disk type is based on the test results with current Lenovo storage offerings.

Audio
High Definition (HD) Audio
Single speaker, 2W x1

Power Supply*
350W 92% PSU

Design

Form factor
Tiny (3.6L)

Dimensions [3]
195 x 191 x 108 mm (7.68 x 7.52 x 4.25 inches)

[3]The system dimensions may vary depending on configurations.

Weight [4]
Around 3.5 kg (7.72 lbs)

[4]The system weight is approximate and may vary depending on configurations

Expansion Slots
Four M.2 slots (one for WLAN, one for AI Card, two for SSD)

Connectivity

WLAN + Bluetooth* [5]
802.11be (Wi-Fi 7) or 802.11ax (Wi-Fi 6E), Bluetooth 5.3
Up to Intel Wi-Fi 7 BE200, Bluetooth 5.3

[5]Wi-Fi 6E is only enabled on Windows 11 and operates as Wi-Fi 6 with Windows 10.

Front ports
2x USB-A (USB 10Gbps / USB 3.2 Gen 2), one supports 5V@2.1A charging.
1x USB-C (USB 20Gbps / USB 3.2 Gen 2x2)
1x headphone / microphone combo jack (3.5mm)

Rear ports
2x USB-A (USB 10Gbps / USB 3.2 Gen 2)
2x USB-A (USB 5Gbps / USB 3.2 Gen 1)
1x HDMI 2.1 TMDS
1x Ethernet (GbE RJ-45)
1x HDMI 2.1a FRL
4x DisplayPort 1.4a
Punch out port 1* (one of VGA / DisplayPort / HDMI / serial / USB-C (USB 5Gbps) with DisplayPort function)
Punch out port 2* (one of VGA / DisplayPort / HDMI / serial / 2.5GbE RJ-45)

Security & Privacy

Security
Firmware TPM 2.0 integrated in SoC
Kensington Security Slot

Manageability

System Management* [6]
Intel vPro Enterprise

[6]Intel vPro offers a superset of DASH's defined capabilities.

Lenovo services

Base Warranty
Up to 1-year limited onsite service

Certifications

Green Certifications [7] [8]
(Optional) EPEAT Gold Registered*
ErP Lot 3
GREENGUARD
RoHS compliant
TCO Certified

[7]The items listed under the "Green Certifications" section may not only refer to certification but also registration or self-declaration.

[8]EPEAT is registered where applicable, please see epeat.net for registration status by country.

Other Certifications
(Optional) TÜV Rheinland Low Noise*