

ThinkCentre neo Ultra Gen 2

Power beyond limits with cutting-edge ThinkCentre, designed for modern business professionals. Built on the robust Intel vPro® platform and powered by Intel® Core™ Ultra 5 / 7 / 9 Processors with integrated NPU, this system delivers enterprise-grade security and lightning-fast responsiveness that keeps pace with your most critical business operations. The dedicated NPU accelerates AI workloads, enabling intelligent automation and enhanced decision-making capabilities. Experience visual excellence with NVIDIA® GeForce RTX™ 5060 graphics, engineered to handle complex presentations, detailed financial modeling, and professional video conferencing with crystal-clear clarity.



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 ThinkCentre combines smart functionality with a compact 3.6L form factor, making it ideal for tight spaces. Its built-in power supply unit (PSU) eliminates the need for an external power brick, reducing cable clutter. Additionally, Smart Connect simplifies cross-device sharing, making content accessible across your PC, phone, and tablet.

The support for up to seven displays via onboard ports – including DisplayPort™ 1.4, HDMI®, and Thunderbolt™ 4 empowers professionals to multitask with ease, enhancing productivity across complex projects and multitiered applications.

Combining style with sustainability, the desktop offers a smarter, eco-friendly workspace. Its sleek Luna Grey aluminum chassis, crafted from recycled materials and waterborne paint, ensures durability and reduces waste. Optional ENERGY STAR® 9.0, optional EPEAT™ Gold, and TCO 10.0 certifications highlight its low energy use and reduced carbon footprint.

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 Combo

- Achieve greater productivity through efficient docking.
- Step up to a superior wireless solution for enhanced performance.
- Designed to complement your ThinkCentre or ThinkPad system.



PN: 4X30H56xxx

ThinkCentre neo Ultra Gen 2

Performance

Processor

Intel Core Ultra 5 / 7 / 9 Processor (Series 2)

Operating System*

Windows 11 Pro or Home

NPU

Integrated Intel AI Boost, up to 13 TOPS
(Optional) Discrete NPU card, up to 30 TOPS

Graphics

Intel UHD graphics (integrated)
NVIDIA GeForce RTX 5060

Chipset

Intel Q870 chipset

Memory¹

Up to 64GB DDR5-5600, two SO-DIMM slots

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

Storage^{2 3}

Up to four drives, 4x M.2 SSD
• M.2 SSD up to 2TB each

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

³Discrete NPU and 1st SSD are mutually exclusive.

Audio*

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

Power Supply*

350W 92% PSU

Design

Form factor

Tiny (3.6L)

Dimensions⁴

Ultra (without rubber feet): 195 x 191 x 108 mm (7.68 x 7.52 x 4.25 inches)
Ultra (with rubber feet): 195 x 191 x 111 mm (7.68 x 7.52 x 4.37 inches)

⁴The system dimensions may vary depending on configurations.

Weight⁵

Around 3.7 kg (8.6 lbs)

⁵The system weight is approximate and may vary depending on configurations

Color

Luna grey

Expansion Slots

Five M.2 slots (one for WLAN, four for SSD / discrete NPU)

Connectivity

Ethernet*

Gigabit onboard Ethernet

WLAN + Bluetooth*⁶

802.11ax (Wi-Fi 6E) or 802.11be (Wi-Fi 7), Bluetooth 5.3 or 5.4
Up to Intel Wi-Fi 7 BE200, Bluetooth 5.4

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

Front ports

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

Rear ports

1x USB-C (Thunderbolt 4 / USB4 40Gbps), with DisplayPort 1.4
1x USB-A (USB 5Gbps / USB 3.2 Gen 1)
3x USB-A (USB 10Gbps / USB 3.2 Gen 2), one supports Smart Power On
1x HDMI 2.1 TMDs
1x HDMI 2.1b FRL
1x DisplayPort 1.4b
3x DisplayPort 2.1b
1x Ethernet (GbE RJ-45)

Security & Privacy

Security

Discrete TPM 2.0, TCG certified, FIPS 140-2 certified
Kensington Security Slot

Manageability

System Management*⁷

Intel vPro Enterprise*

⁷Intel vPro offers a superset of DASH's defined capabilities.

Lenovo services

Base Warranty

Up to 1-year limited onsite service

Certifications

Green Certifications^{8 9}

ENERGY STAR 9.0*
EPEAT Gold Registered*
ErP Lot 3
GREENGUARD
RoHS compliant
TCO Certified¹⁰

⁸The items listed under the "Green Certifications" section may not only refer to certification but also registration or self-declaration.

⁹EPEAT is registered where applicable, please see [epeat.net](https://www.epeat.net) for registration status by country.

Other Certifications

TÜV Rheinland Low Noise*