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

Updated 2026-10-27

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

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

Memory
Up to 64GB DDR5-5600, two SODIMM slots

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

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

Power Supply*
350W 92% PSU

Design

Form factor
Tiny (3.6L)

Dimensions
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)

Weight
Around 3.7 kg (8.6 lbs)

Color
Luna grey

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

Connectivity

Ethernet*
Gigabit onboard Ethernet

WLAN + Bluetooth*
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

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*
Intel vPro Enterprise*

Environmental

Material
50% hydro aluminium & 50% recycled aluminium used in the top cover 30% post-consumer content (PCC) plastic textured used in bottom cover Aluminium used in the side casings
Plastic textured biomass used in internal top cover

Lenovo services

Base Warranty
Up to 1-year limited onsite service

Certifications

Green Certifications
ENERGY STAR 9.0*
EPEAT 1.0 Gold Registered*
ErP Lot 3
GREENGUARD
RoHS compliant
TCO Certified 10

Other Certifications
TÜV Rheinland Low Noise*

Items with * are optional and only available on selected models. Information presented here may represent the maximum possible configurations for this product, but it does not necessarily reflect what is available in your region. Please ask your rep or check the specifications for specific Part Numbers in your region. © 2026 Lenovo. Products are available while supplies last. Lenovo is not responsible for photographic or typographic errors. Lenovo, the Lenovo logo, ThinkPad, ThinkCentre, ThinkBook, ThinkStation and ThinkVision are trademarks or registered trademarks of Lenovo. 3rd party product and service names may be trademarks of others. Depending on factors such as the processing capability of peripheral devices, file attributes, system configuration and operating environments, the actual data transfer rate of USB connectors will vary and is typically slower than published standards.