

ThinkCentre X Tower

Built for demanding environments, this desktop powered by up to Intel Core Ultra 9 Series 2 processors delivers advanced performance for data analysis, content creation, engineering design, and AI-assisted workflows. With support for NVIDIA GeForce RTX graphics, up to 256GB DDR5 memory, and multiple HDD and M.2 SSD storage configurations, it efficiently handles large datasets, rendering tasks, and virtualization workloads. Integrated Intel AI Boost with Copilot+ PC capabilities further enhances productivity by accelerating AI-driven applications and intelligent automation across business operations.



Empowering the modern workforce with a streamlined desktop experience

ThinkCentre X Series delivers compact, enterprise-grade performance for modern workplaces, combining powerful processors, reliable security, and space-saving design to support everyday multitasking, collaboration, and efficient operations across diverse professional environments.

Designed in a 34L tower form factor, the system supports multiple PCIe expansion slots, advanced cooling with multiple system fans, and high-efficiency power supply options, ensuring reliable performance for long working hours, simulation tasks, and continuous professional workloads in demanding office and studio environments daily.

Including Wi-Fi 7, Gigabit and 2.5GbE Ethernet, Thunderbolt connectivity, TPM 2.0 security, and Intel vPro manageability, the desktop supports secure networking, remote management, and sustainable operations with recycled materials and energy-efficient certifications for modern enterprises.

Engineered in a 34L tower form factor with internal expansion slots, multiple M.2 and 3.5-inch drive bays, and efficient internal layout, the system optimizes workspace usage while still supporting high storage capacity and expansion for professional environments.

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

Lenovo Wired ANC Headset Gen 2

- Active Noise Cancellation
- Certified for Zoom and Microsoft Teams
- Inline Control Box with LED Indication



PN: Teams : 4XD1M45627, UC : 4XD1M39029

Lenovo Essential Wireless Combo Keyboard & Mouse Gen 2

- Embrace the freedom of a clutter-free and cable-free work setup.
- Ergonomically sculpted cups and low-profile island keys for maximum comfort.
- A 2.4 MHz receiver for a seamless keyboard and mouse connection.



PN: 4X31N50708 – 4X31N50757

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Performance

Processor Intel Core Ultra 5 / 7 / 9 Processor (Series 2)
Operating System* Windows 11 Pro or Home Ubuntu Linux
NPU* Integrated Intel AI Boost, up to 13 TOPS
Graphics Intel Graphics (Integrated) NVIDIA GeForce RTX 5060 Ti NVIDIA GeForce RTX 5070 NVIDIA GeForce RTX 5080 NVIDIA GeForce RTX 5090
Chipset Intel Q870 chipset
Memory Up to 256GB CUDIMM, four DDR5 UDIMM/CUDIMM slots
Storage Up to five drives, 2x 3.5" HDD + 3x M.2 SSD · 3.5" HDD up to 4TB each · M.2 SSD up to 2TB each · M.2 SSD AI Accelerator up to 1TB
Audio* High Definition (HD) Audio Single speaker, 2W x1
Power Supply* 500W 92% 850W 90% 1200W 90%
Design
Form factor Tower (34L)
Dimensions 220 x 420 x 359 mm (8.66 x 16.54 x 14.13 inches)
Weight Around 20.7 kg (45.64 lbs)
Color Raven black

Bays 2x 3.5" disk bay
Expansion Slots One PCIe 5.0 x16, full-height Two PCIe 4.0 x4, full-height Four M.2 slots (one for WLAN, three for SSD)
Cooling system* 3x Top system fan* 2x Side system fan* 2x Top system fan* 1x Top system fan*
Connectivity
Ethernet* 2x Gigabit onboard Ethernet 2.5GbE Onboard Ethernet*
WLAN + Bluetooth* 802.11be (Wi-Fi 7) Bluetooth 5.4 Intel Wi-Fi 7 BE200, 802.11be, Bluetooth 5.4
Top ports 1x USB-C (USB 20Gbps / USB 3.2 Gen 2x2), support data transfer and 15W charging 2x USB-A (USB 10Gbps / USB 3.2 Gen 2) 2x USB-A (USB 5Gbps / USB 3.2 Gen 1) 1x headphone / microphone combo jack (3.5mm)
Bottom ports 2x Ethernet (GbE RJ-45) 1x Thunderbolt 4 / USB4 40Gbps, support data transfer and 5V@3A output 4x USB-A (USB 5Gbps / USB 3.2 Gen 1) 1x DisplayPort 1.4 1x microphone (3.5mm) 1x line-in (3.5mm) 1x line-out (3.5mm) 1x PS/2 (keyboard / mouse) 1x serial
Security & Privacy
Security Discrete TPM 2.0 Chassis Intrusion Switch*
Manageability
System Management* Intel vPro Enterprise*

Environmental

Material 97% recycled with 55% PCC cushion 30% OBP bag FSC carton 85% PCC ABS in chassis 95% PCC ABS in KB/mouse
Lenovo services
Base Warranty Up to 3-year limited onsite service
Certifications
Green Certifications ENERGY STAR 9.0* EPEAT 1.0 Gold Registered* EPEAT 2.0 Silver Registered*
Other Certifications MIL-STD-810H military

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.