

# Lenovo ThinkCentre

With an extraordinary—and disruptive—innovative 34L design that elevates the typical tower, the all-new Lenovo ThinkCentre X Tower delivers proven solutions to unleash extreme AI-accelerated performance. Powered by Lenovo's AI Fusion solution for post-training fine tuning on up to 70B LLM data, this exceptional desktop gives content creators, programmers, and AI researchers the X factor they need to excel. With top-tier power, industry-first AI capabilities, and impressive extension capacity, the Lenovo ThinkCentre X Tower is simply extraordinary.

Fueled by Intel® Core™ Ultra processor powering Intel vPro®, delivering efficient performance to be more productive, more collaborative, more secure, and happier with your technology, the Lenovo ThinkCentre X Tower enables a premium level of computing power and amazing AI capability. The elevated UX includes the Lenovo Sensor Hub, a unique AI assistant with multimodal perception and autonomous task execution, a biomimetic fan for reduced noise, and seamless cable management for a tidy workspace. With hardy durability that comes standard with every Lenovo device, along with our end-to-end support and services, the new ThinkCentre X Tower also boasts a long lifecycle for a great ROI.

## Lenovo ThinkCentre X Tower

\*Images and specifications are subject to change.



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# Lenovo ThinkCentre X Tower



## EXCEPTIONAL PERFORMANCE

The Lenovo ThinkCentre X Tower accelerates processing power with the high-performing Intel® Core™ Ultra processor and up to two dedicated graphics cards for AI-driven professional rendering, video editing and 3D production. But what really sets this tower apart from the crowd is the AI Accelerator with 70B LLM split-training solution for post-training fine tuning that is tailored, trusted, and affordable for organizations. This impressive on-device capability increases local LLM reasoning and learning, aligning AI performance with user preferences, behaviors, and style for greater efficiency and reliable real-world applications—all with the confident security of IP protection. And with Lenovo Qira<sup>1</sup>, users experience built-in intelligence across devices to understand context for even more personalized efficiency.



## INNOVATIVE EXPERIENCE

The groundbreaking features of Lenovo ThinkCentre X Tower provide premium innovative user experiences for desktop users. The Lenovo Sensor Hub provides users with distinctive AI-accelerated UX features that create a smarter, more secure, and more personalized experience. Through multimodal perception, the Lenovo Sensor Hub improves the PC-human experience with autonomous task execution. On-device processing is fully protected, with local model inferencing, sanitized sensitive data, and encryption, as well as the discarding of raw data post-analysis. Plus, the Perception Engine perceives and reacts to user behavior, including auto-logout, adaptive dimming, and wellness features.



## EXTRAORDINARY DESIGN

Engineered to be easily portable for on-the-move movers and shakers, the Lenovo ThinkCentre X Tower reflects Lenovo innovation at every angle. In fact, the unique 34L design can even be doubled up to maximize performance without minimizing your workplace, while also supporting up to 6 independent displays. Inspired by the fluid dynamics of an eagle's wings, the innovative biomimetic fan increases efficiency and minimizes noise for quieter operation, plus the multi-zone guided air intake design further boosts ventilation. Further keeping this desktop cool and power-efficient, the Lenovo AI Turbo Engine optimizes performance according to tasks. Because modern aesthetics matter too, the ThinkCentre X Tower also boasts I/O ports on top for easy access, an invisible cable management system, and a four-sided cleaning design.

<sup>1</sup>Coming soon via OTA in late 2026; Lenovo Qira never collects data without user permission.

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## Accessories

### Lenovo ThinkVision T27-40

Built for productive connectivity and featuring a dynamic refresh rate of 48-120Hz, this display boasts a vivid FHD IPS screen with 99% sRGB and 99% BT.709. A 5-star Eye Comfort certification from TÜV Rheinland and integrated Natural low Blue Light technology promote all-day comfort, while the latest energy certifications elevate sustainability.



PN: 64ASMAR6WW

### Lenovo Professional Wireless Keyboard & Mouse Combo

This slim 3-zone keyboard with number pad has responsive quiet keys and a premium typing experience, as well as one-touch dedicated media keys, putting the controls you use most at your fingertips. The ergonomic full-size mouse provides comfort and support for all day use, with a precise 1600dpi laser sensor and 4-way scroll wheel.



PN: 4X30H56796

## Lenovo Sensor Hub

Engineered exclusively for Lenovo ThinkCentre X Tower, the Lenovo Sensor Hub is an AI assistant that improves the PC-human experience with autonomous task execution. Private and secure, with 8 sensors, the Sensor Hub enhances the user experience with intuitive interface. Tap your phone to the device to transfer data, photos, and files. Plus, a single hand pat allows you to mute and unmute your mic or access the AI companion.

## Lenovo Services



### Protection & Support Services

#### Premier Support Plus

Direct access to advanced technicians for unscripted solutions, onsite support & a suite of smart services.

#### Premier Support

Advanced tech support 24/7/365 with single point of contact.

#### Accidental Damage Protection

Covers inevitable drops, spills & other accidents with unlimited claims for total peace of mind.



### Digital Workplace Solutions with xIQ Digital Workplace Platform

#### TruScale DaaS

Empower everyone with next-gen devices and maximize ROI with one flexible, subscription-based service for device lifecycle management, security, and sustainability.

#### TruScale DaaS for Sustainability

Modular DaaS solution with Sustainability services that help manage IT carbon footprint, reduce IT costs & boost ROI.

#### TruScale DaaS for AI PC

Bundles AI-powered devices, infrastructure, and services into a pay-as-you-go XaaS model.

#### Security Services

Build total cyber-resiliency from pocket to cloud. Strengthen your cybersecurity across every layer of your business with a comprehensive, AI-enabled one-stop solution.

#### Managed Services

Remote monitoring & management to enhance device health, security & reliability.



### AI Services

#### AI Discover

Assessment of AI readiness across security, people, processes & technology for tailored roadmap to drive business value.

#### AI Adoption & Change Management

Helps integrate AI technologies, upskill employees, drive engagement to maximize ROI, addressing unique infrastructure & culture challenges.

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## performance

### PROCESSOR

Intel® Core™ Ultra 9 processor powering Intel vPro®

### NPU

13 TOPS

### OPERATING SYSTEM

Windows 11 Pro  
Windows 11 Home  
Windows 11 Home Single Language  
Ubuntu 24.04  
No preload operation system

### GRAPHICS

NVIDIA® RTX™ Pro 5000 Blackwell  
Dual NVIDIA® RTX™ Pro 5000 Blackwell  
NVIDIA® GeForce RTX™ 5090 32G  
NVIDIA® GeForce RTX™ 5080 24G  
Dual NVIDIA® GeForce RTX™ 5060Ti 16G  
NVIDIA® GeForce RTX™ 5060Ti 16G

### STORAGE

Up to 3x 2TB M.2 PCIe Gen5x4 Performance SSD (2280) & 2x 4TB 3.5" HDD

### AI ACCELERATOR CARD

1 TB

### MEMORY

Up to 256GB DDR5 (6400MT/s), CUDIMM

### PSU

1200W, 850W, 500W

### AUDIO

HD Audio 5.1 channel  
Internal speaker (optional)

## design

### EOU

Toolless cover, memory, disk, extension card assembly

### DIMENSIONS

425 x 225 x 495 mm (with handle)  
16.73 x 8.86 x 19.49 in (with handle)

### WEIGHT

21 kg/46.3 lbs

### EASE OF USE

Health indicator (includes accumulated dust monitoring and fan status monitoring)

## connectivity

### TOP PORTS

1x USB-C (USB 20Gbps)  
2x USB-A (USB 10Gbps)  
2x USB-A (USB 5Gbps)  
1x Audio combo  
Card Reader 3 in 1

### REAR PORTS

1x Thunderbolt 4 (40Gbps) with Power Delivery 15W  
4x USB-A (USB 5Gbps / USB 3.2 Gen 1)  
2x Ethernet (RJ-45)  
1x DisplayPort™ 1.4a (HBR2, DSC)  
1x Audio out  
1x Audio in  
1x Mic  
1x PS/2 (Optional)  
1x COM (Optional)

### EXPANSION SLOT

3x M.2 for PCIe SSD Gen4x4 (1 for Gen 5)  
1x M.2 for Wi-Fi  
1x PCIe 16x (Gen 5)  
2x PCIe 4x

### SATA

2x SATA 3.0

### BAYS

1x 3.5" disk bay  
1x 3.5" disk bay (Optional)

### WI-FI

Intel® Wi-Fi® 7 BE200, 802.11be 2x2 Wi-Fi®  
No WLAN

## sustainability

### MATERIAL

85% PCC ABS in chassis  
65% PCC ABS (EOS 2.4G wireless)

### PACKAGING

97% PIC EPE cushion  
30% OBP bag  
FSC carton

## security

### SECURITY CHIP

Discrete TPM 2.0, TCG certified, FIPS 140-2 certified

### PHYSICAL LOCKS

Kensington® Security Slot™, 3x7mm  
E-lock (optional)

### BIOS SECURITY

Administrator password  
Hard disk password  
Power-on password  
Boot sequence control  
Boot without keyboard and mouse  
Certificate-based BIOS authentication  
Individual USB port disablement  
Self-healing BIOS (Level 2)  
Smart USB protection (allows keyboard/mouse-only, blocks all storage devices)

### MANAGEABILITY

Up to Intel® vPro® Enterprise

## green certifications

ENERGY STAR® 9.0 (Optional)  
EPEAT™ Gold Registered (Optional)  
TCO Certified 10.0 (Optional)  
ErP Lot 3  
GREENGUARD®  
RoHS compliant

## other certifications

TÜV Rheinland® Low Noise (Optional)  
TÜV Rheinland® Ultra Low Noise (Optional)  
MIL-STD-810H military test passed



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\*Acronyms:

FSC: Forest Stewardship Council

OBP: Ocean-Bound Plastic (reducing plastic spill into oceans/sea)

PCC: Post-Consumer Content (recycled materials from customers)

PIC: Post Industry Content (recycled materials from internal factories)

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