

Lenovo Access

Lenovo ThinkStation P3 Ultra SFF

Media & Entertainment Powerhouse

Lenovo Workstation Solutions



intel
vPRO

That's the power of Intel Inside®



Lenovo

Small Form, Big Impact

With unmatched power in an Ultra-Small Form Factor, the ThinkStation P3 Ultra SFF delivers AI-ready performance in a compact design, ideal for media and entertainment professionals. Powered by Intel® Core™ Ultra desktop processors (Series 2) and Intel® vPro, with AI acceleration, it excels in content creation, video editing, and rendering. With NVIDIA RTX™ 4000 SFF Ada Generation GPUs, up to 128GB DDR5 memory, and advanced remote capabilities, it ensures seamless workflows and efficiency. Designed for hybrid and remote work, it combines power, flexibility, and enterprise-grade management in an ultra-small form factor.

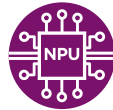


Key Features & Benefits



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AI-Ready Workstation

Integrated NPU with up to 36 TOPS accelerates AI-assisted creative processes and enhances workflows with seamless remote access.



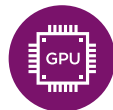
Expanded Storage

Supports up to 3 M.2 slots (2x PCIe Gen 4, 1x PCIe Gen 5) for massive storage expansion.



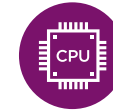
Optimized Memory

Up to 128GB DDR5-6400 memory with ECC support for smooth multitasking.



Powerful Graphics

Supports up to NVIDIA RTX 4000 SFF Ada Generation GPUs for ultra-high-fidelity rendering.



Processing Capabilities

Intel® Core™ Ultra desktop processors (Series 2) and Intel® vPro with up to 24 cores and max 5.7GHz turbo.



Enterprise-Level Remote Management

Lenovo's BMC enables out-of-band management and data center-level control.



Enhanced Connectivity

Optional Thunderbolt 4 BTB for high-speed data transfer and external GPU support.



Seamless Remote Flexibility

Advanced remote workstation capabilities for seamless hybrid and remote work.

AI-Ready Performance for Creative Professionals

Powered by Intel® Core™ Ultra desktop processors (Series 2) and Intel® vPro with up to 24 cores and turbo clock speed 5.7GHz, this system delivers exceptional speed for content creation and rendering. Its integrated NPU provides up to 36 TOPS of AI acceleration, enabling seamless AI-driven workflows in video editing, compositing, and special effects. Engineered for efficiency, it reduces power consumption by up to 58% compared to previous generations, optimizing performance while minimizing heat and energy costs.



Compact Powerhouse for Media & Entertainment

The ThinkStation P3 Ultra SFF is built for media professionals who need workstation-class performance in a compact footprint. Whether in a studio, on set, or in post-production, this workstation ensures seamless multitasking, faster renders, and high-fidelity creative work.



Compact & Powerful

Ultra-Small Form Factor (SFF) maximizes workspace without compromising performance.



Seamless & Productive

Enterprise-Grade remote workstation capabilities enable remote access to high-end computing power for on-the-go professionals.



Cool & Reliable

Next-gen thermal management ensures stable performance even under intensive workloads such as 4K/8K video rendering and AI-driven content processing.

Enhanced Remote Workstation Capabilities with Lenovo Access

Workstation-Class Performance Anywhere:

Achieve up to 40% better performance than cloud or VDI solutions, allowing creative professionals to work remotely with high-fidelity applications.

Low Latency & Data Locality:

On-prem or hybrid configurations eliminate the need for slow file syncing, ensuring smooth video playback and real-time collaboration.

Optimized Workflows:

Utilize best-in-class remote protocols, brokers, and gateways to ensure seamless collaboration and workflow continuity for video editors, animators, and designers.

CPU Turbo Clock Speeds:

Unlike virtualized environments, the ThinkStation P3 Ultra SFF leverages full CPU turbo clock speeds, ensuring peak performance in real-time editing and rendering tasks.

Cloud-Like Flexibility:

Lenovo Access provides dedicated or shared resources for remote teams.

Secure & Scalable:

Lenovo's True Out-of-Band Remote Management (BMC) provides enterprise-grade security and IT control, allowing remote power cycling, BIOS updates, and system monitoring.

Powering Seamless M&E Workflows



Video Editing & Post-Production

Accelerate real-time 4K/8K editing, AI-powered color grading, and motion tracking.



Live Streaming & Content Creation

Reduce latency in live content production while optimizing multi-camera workflows.



3D Animation & Rendering

Leverage AI-driven modeling and GPU-accelerated ray tracing for faster and more realistic visuals.



Compositing & VFX

Harness AI-based rotoscoping, motion tracking, and scene reconstruction for immersive visual effects.

ThinkStation P3 Ultra SFF Delivers

- ✓ AI-optimized performance for faster creative workflows.
- ✓ Compact yet powerful, designed for studio or remote use.
- ✓ Unparalleled performance and speed with Intel® Core™ Ultra desktop processors (Series 2) and Intel® vPro, with up to 24 cores and a turbo clock speed of 5.7GHz.
- ✓ Advanced thermal & power efficiency to ensure smooth, uninterrupted work sessions.
- ✓ Enterprise-grade security featuring Intel® vPro & remote management for production teams on the go.
- ✓ Rack-optimized for data center deployment, offering cost-effective performance comparable to high-end cloud solutions.

Discover our remote workstation solutions

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technology
for all

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