



Lenovo
ThinkStation

Lenovo Workstations for Virtual Production

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As production techniques in the media and entertainment industry evolve, so do Lenovo solutions which are designed to meet the demands of today's dynamic creative landscape. From creating environments and adjusting them on set, to driving virtual production volumes, Lenovo desktop workstations, like the ThinkStation P8, are the choice for real-time production.

The ThinkStation P8 delivers the performance required to drive virtual production volumes of any size. The rack-optimized chassis, combined with Lenovo's unparalleled reliability, empowers you to bring the director's vision to life on time and on budget. From content creation to real-time rendering of immersive virtual environments, our technology unleashes the full potential of your creativity, allowing you to push boundaries and captivate audiences like never before.

Why choose the ThinkStation P8 for virtual production?

Mitigate risk

When it comes to virtual production volumes, ensuring a seamless experience on set is crucial. To mitigate risk, most virtual production volumes rely on Lenovo ThinkStation workstations that have undergone rigorous testing and certification in production, and by Independent Software Vendors (ISVs).

Tailored to suit real-time production requirements

- Featuring GPU options up to 3 NVIDIA RTX™ 6000 Ada Generation GPUs (48GB VRAM) or 4 NVIDIA RTX™ A4000 (16GB VRAM)
- Featuring AMD Ryzen™ Threadripper™ PRO 7000 WX-Series processors, from 12 cores at 4.7GHz and up to 96 cores at 2.5GHz

Perfect for content creation and real-time production

3ds Max®, Houdini®, Maya®, MotionBuilder®, Unity®, Unreal®, ZBrush®, and more



To learn more about Lenovo Workstations, click [here](#).



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Lenovo ThinkStation P8 for Virtual Production

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Recommended Lenovo ThinkStation Configurations

Control Station

ThinkStation P8

OS: Windows 11 Pro
CPU: AMD Ryzen™ Threadripper™ PRO 7985WX
(64 cores @ 5.3GHz)
GPU: NVIDIA RTX™ 4000 Ada Generation
Memory: 256GB (8x 32GB)
HDD1: 2TB M.2, PCIe, NVMe SSD
HDD2/HDD3: 2X 4TB M.2, PCIe, NVMe SSD (RAID 0)

Render Nodes

ThinkStation P8

OS: Windows 11 Pro
CPU: AMD Ryzen™ Threadripper™ PRO 7985WX
(64 cores @ 5.3GHz)
GPU: 2x NVIDIA RTX™ 6000 Ada Generation
Memory: 256GB (8x 32GB)
HDD1: 1TB M.2, PCIe, NVMe SSD
HDD2/HDD3: 2x 4TB M.2, PCIe, NVMe SSD (RAID 0)


Asset Creation

ThinkStation P8

OS: Windows 11 Pro
CPU: AMD Ryzen™ Threadripper™ PRO 7955WX
(16 cores @ 5.3GHz)
GPU: NVIDIA RTX™ 5000 Ada Generation
Memory: 128GB (8x 16GB)
HDD1: 1TB M.2, PCIe, NVMe SSD
HDD2: 2TB M.2, PCIe, NVMe SSD

ThinkStation P8

Unparalleled Capabilities

-  6x PCIe 5.0, 7 total slots
-  1TB DDR5, 8 DIMMs
-  52TB storage, up to 9 drives
-  10GB networking standard
-  400W PSU
-  Rack optimized for deployment flexibility
-  ISV tested and/or certified
-  Lenovo Performance Tuner (LPT)
-  ThinkStation Diagnostics

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About Lenovo

Lenovo is a US\$62 billion revenue global technology powerhouse, ranked #217 in the Fortune Global 500, employing 77,000 people around the world, and serving millions of customers every day in 180 markets. Focused on a bold vision to deliver Smarter Technology for All, Lenovo has built on its success as the world's largest PC company by further expanding into growth areas that fuel the advancement of 'New IT' technologies (client, edge, cloud, network, and intelligence) including server, storage, mobile, software, solutions, and services. Lenovo's world-changing innovation is building a more inclusive, trustworthy, and smarter future for everyone, everywhere. Lenovo is listed on the Hong Kong stock exchange under Lenovo Group Limited (HKSE: 992)(ADR: LNVGY). To find out more visit <https://www.lenovo.com> and read about the latest news via our [StoryHub](#).

