

Lenovo
ThinkStation

Think anything.

Make everything.

With the most powerful AI-ready workstations

ThinkStation PX, P7, and P5

intel.
XEON

Conquer your workload with
Intel® Xeon® processors

Smarter
technology
for all

Lenovo

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Realize your customers' dream of bringing big ideas to life

Create new opportunities for your customers to turn every inspiration into creation with Lenovo ThinkStation PX, P7, and P5—the industry's most powerful and reliable AI-ready workstations. Conquer your workload with the latest 5th Gen Intel® Xeon® processors, designed for reliable performance and increased productivity.

These high-powered workstations enable your customers to handle complex AI workloads across industries driving innovation, efficiency, and competitive advantage in a range of demanding industry verticals like Architecture, Engineering & Construction and Media & Entertainment. For you, it's an opportunity to strengthen your position across these industries by giving customers computing power they've never experienced before, along with increased performance, reliability, and security to meet the demands of AI.

Read on to learn more about the benefits for you as a partner and how Lenovo ThinkStation devices can help your customers bring big ideas to life and make their mark on the world.



Why Lenovo Workstations for AI?

The cost of compute power in the cloud is currently unsustainable at scale and cost prohibitive for growing AI project demands. Lenovo ThinkStation devices give your customers:

- Less dependency on expensive cloud resources
- Access to the power, performance, and flexibility needed to slash AI project budgets and timelines

Earn rewards as you sell with **Lenovo 360**

Lenovo 360

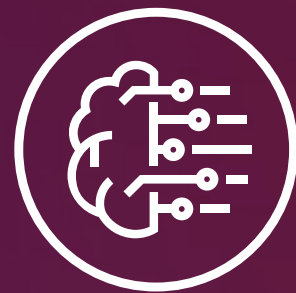
With dedicated Lenovo 360 Learning Paths and Accreditations, combined with rich sales and marketing enablement tools, we are investing in your success. And with the Lenovo 360 Incentives framework, you get rewarded for your growth in workstation skills and sales achievements.

What does it mean for your business?



Higher Tiers

By achieving the Workstation Accreditation, your organization can reach higher Tiers* in the Intelligent Devices and 360 categories.



Skilled salesforce

Individual sellers can complete the Workstation Learning Path to increase their skills and expertise.



Financial benefits

Unlock additional incentives with the Workstation Accreditation. Achieve Specialist or Elite* level to be eligible for top up rebates, demonstration units, and more.



More opportunities

You can achieve Accreditations and Competencies in Workstation and Lifecycle Services by completing specified courses along the designated Learning Path. Achieve Specialist or Elite* to be eligible for top up rebates, demonstration units, and more, whilst elevating customer conversations and increasing opportunities.

*Contact your local Lenovo channel representative to understand your accreditation and tiering path

Grow your business with Lenovo Services

World-class support has never been more important to your customers. As a Lenovo partner, you can wrap services around ThinkStation devices to build solutions that meet your customers' specific needs and earn you more revenue.

Quickly increase order value, improve customer retention, and close the door to your competition by attaching services to your sales. And you can do it all without the risk and overhead of investing in your own services practice.





Lenovo Premier Support Plus

Our premium support service is an essential hook in your customer relationships, cementing your services as an integral part of their IT operations. Shift the perception from the standard break/fix process to broader, better conversations around long-term productivity and employee experience. Meet your customers need to reduce complexity, decrease operational costs, and find ways to increase the efficiency of their in-house IT team, with support that includes:

- Advanced technical support available 24x7x365
- Comprehensive hardware and OEM software support
- Single point of contact for simplified case management
- Predictive issue detection, case creation, and notification
- Coverage for non-Think devices
- Accidental Damage Protection
- Keep Your Drive



Alleviate IT staff shortages

Working as a seamless extension of your customer's internal IT team, it reduces pressure to recruit and retain personnel.



Increase productivity

IT teams have more time to focus on strategic efforts while AI insights deliver proactive and predicting alerts that enable pre-emptive issue remediation to avoid downtime.



Technical expertise

With direct access to elite Lenovo engineers, your customers will receive immediate, unscripted troubleshooting for advanced hardware and software support.



Lenovo ThinkShield

Get complete protection wherever and whenever work happens, with Lenovo ThinkShield. Safeguarding your devices from threats below the operating system all the way to the cloud, ThinkShield offers comprehensive security solutions that integrate AI for threat detection and response.



From the Operating System to Cloud

Protect devices from cyber threats through endpoint security and management, ensure data recovery with data defense and secure cloud backup, and secure access without traditional passwords with password-less authentication.



Supply chain assurance

Gain more transparency of the supply chain and stay protected against any emerging threats, pinpoint counterfeit or dubious components, and get a snapshot of the original platform for easier comparison.



Below the operating system

Access better privacy protection tools and more secure firmware that protects and detects, and benefit from tamper-evident packaging for all shipments and secure disposal, which protects deleted data without the need for external tools.



Lenovo Sustainability Services and Solutions

Make sustainability your differentiator in a world where environmental concerns are front of mind for many organizations. Lenovo Sustainability Services and Solutions enable you to help your customers get closer to their sustainability goals.



Lenovo CO₂ Offset Services

We estimate the value of carbon emissions associated with your customers' Lenovo PCs, Desktops, or Tablets over their average lifecycle. With your support, offsetting emissions can now become part of your customers' hardware purchase, helping them achieve their sustainability targets faster.



Lenovo Asset Recovery Services

Help your customers minimize the environmental impact of end-of-life IT equipment. ARS aid circularity by reusing parts wherever possible, refurbishing devices, and recycling assets in an environmentally conscious way. Your customers will receive all legal documentation and certificates associated with proper data destruction and environmental processing.



Lenovo TruScale Everything as a Service

Align your customers' technology to their evolving demands while enhancing their sustainability position through as-a-service solutions with convenient, flexible, and scalable consumption models.

The most powerful technology to turn inspiration into reality

Purposefully built to deliver next-level productivity and handle the most complex of AI workloads, the ThinkStation PX, P7 and P5 exude the scalability and agility needed for bringing big ideas to life.

Lenovo ThinkStation devices uniquely combine a purposefully designed form factor with the functionality users need to innovate faster and conquer the workloads of the future with the latest Intel® Xeon® processors and NVIDIA professional GPUs.

Enable your customers to drive innovation, efficiency, and competitive advantage across any industry—from real-time rendering and virtual production to machine and deep learning to metaverse exploration. The ThinkStation PX, P7, and P5 are ideal solutions in:

- Architecture, Engineering & Construction
- Automotive & Manufacturing
- Healthcare & Life Science
- Media & Entertainment



ThinkStation PX

Superior thermals, maximum performance

Discover untapped workstation power and greater expandability with the Lenovo ThinkStation PX, the pinnacle of Lenovo technology and the ultimate blend of form and function—combining a premium chassis with a fine-tuned thermal design that achieves maximum performance from its ultra-high-end components.

Featuring 5th Gen Intel® Xeon® processors, up to 128 cores, and support for up to four dual-slot NVIDIA RTX™ 6000 Ada Generation GPUs, this workstation goes beyond the limits of desktop performance to power even the most extreme workloads.

Offering flexibility for both desktop and data center environments, the ThinkStation PX is a versatile workstation that bridges the gap where previous solutions fell short. With an iconic, rack-optimized chassis and the processing power of multiple high-end GPUs, the PX was designed from the ground up to not just meet but exceed the rigorous performance requirements of today's heaviest AI computing workloads. And with the option to include a dual redundant PSU, end users can be confident in system stability when running mission-critical applications.



Processor:

128 Cores
Featuring 5th Gen
Intel® Xeon® processors

ECC Memory:

4TB
DDR5

Graphics:

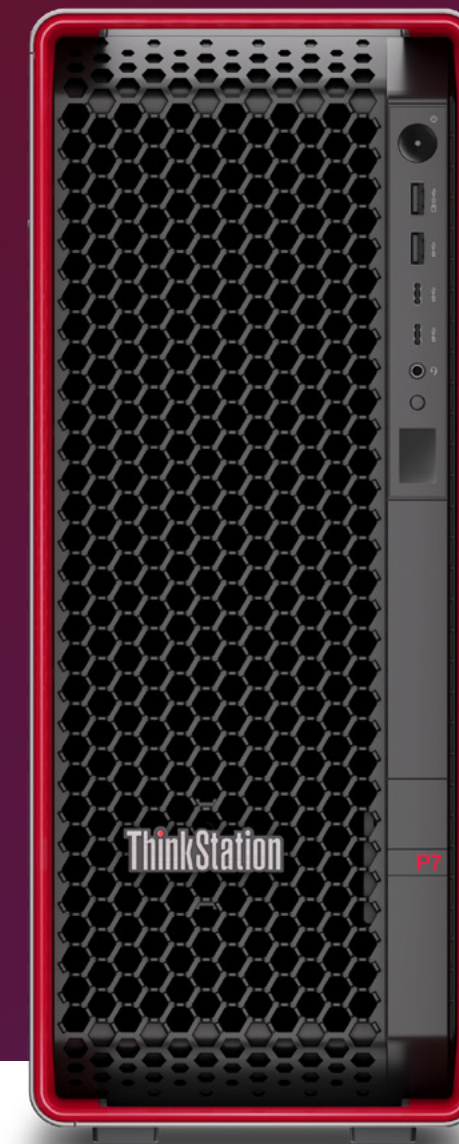
Up to 4 NVIDIA RTX™ 6000
Ada Generation GPUs
Each with 48GB VRAM

ThinkStation P7

Staggering, single-processor power

The bold ThinkStation P7 is a force to be reckoned with and brings together a breakthrough new compute architecture with an optimized thermal design. Featuring the latest Intel® Xeon® W-3500 processors, the P7 delivers up to 60 cores, robust PCIe Gen 5 connectivity, and high-speed DDR5 memory—all in a single-socket platform. Combined with the power of up to three NVIDIA RTX™ 6000 Ada Generation GPUs, the P7 is undaunted by massive datasets and tackles compute-intensive, multithreaded tasks head-on.

Desktop and rack-optimized for enterprises that demand flexibility between desktop and data center environments, the ThinkStation P7 breaks new ground by taking on workloads that were traditionally reserved for cloud or server resources—all while maintaining nondisruptive workstation acoustics. It also features multiple high-end GPUs and advanced processors. Designed for data scientists, engineers, and high-end creatives, experience end-to-end AI workflow performance across game development, 3D rendering, computational fluid dynamics, and more.



Processor:

60 Cores
Featuring the latest Intel®
Xeon® W-3500 processors

ECC Memory:

2TB
DDR5

Graphics:

Up to 3 NVIDIA RTX™ 6000
Ada Generation GPUs
Each with 48GB VRAM

ThinkStation P5

The future-proof industry workhorse

Engineered for ultimate versatility, the Lenovo ThinkStation P5 is the all-around industry workhorse for professionals that demand scalable, future-proof solutions, supporting a range of intensive CPU and GPU workloads. Featuring the latest Intel® Xeon® W-2500 processors, and support for up to two NVIDIA RTX™ A6000 GPUs, your customers can rely on the P5 to pack enough punch for any workflow, even in mission-critical environments.

Optimized for designers, engineers, and creatives alike, this workstation supports a broad range of compute intensive tasks with ease, including BIM, complex 3D CAD, VFX, and edge deployments. Improve productivity with high-speed DDR5 memory and ultra-fast PCIe Gen 5 bandwidth. With convenient front access storage and an array of high-performance configurations. Plus, your customers can enjoy the flexibility of customizing the P5 to tackle their AI workload needs of today, knowing they can easily upgrade for the ever-increasing datasets of tomorrow.



Processor:

26 Cores
Featuring the latest Intel®
Xeon® W-2500 processors

ECC Memory:

512GB
DDR5

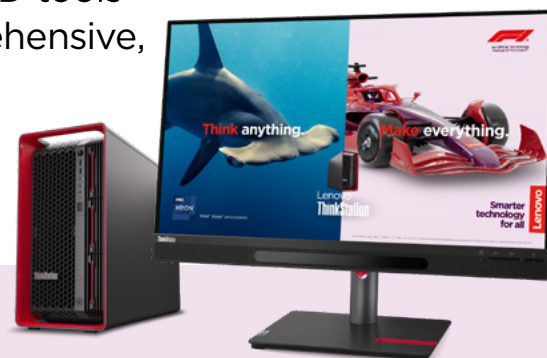
Graphics:

Up to 2 NVIDIA RTX™ A6000
Generation GPUs
Each with 48GB VRAM

Drive your customers' productivity with the right technology

Lenovo ThinkVision P Series Displays

We recommend pairing Lenovo ThinkStation devices with ThinkVision—our reliable display solutions—to meet customers' unique needs across every industry. Featuring the latest AI innovations, these monitors offer 3D tools to transform technical work and build a comprehensive, display-centric ecosystem.



Pair **ThinkStation PX** with **ThinkVision 27 3D Monitor**

- More immersive experiences with 27-inch, glasses-free docking monitor, offering seamless 3D and real-time eye-tracking
- Sharper, more accurate content with 4K resolution combined with 99% color space coverage
- Built-in 3D engine and converter, enabling AI-powered 2D to 3D image, video, and content conversion in real time



Pair **ThinkStation P7** with **ThinkVision P49w-30 Monitor**

- Sharper, more vibrant colors with 49-inch, double QHD panoramic display, featuring 2000:1 contrast ratio
- Supports a multitude of devices and accessories with up to 13 ports and a front facing USB-C port
- Serves as 2-in-1 solution with True Split features and can daisy chain two of it via ThunderBolt™ 4-out connector



Pair **ThinkStation P5** with **ThinkVision P32pz-30 Monitor**

- Accommodates graphic and video use with dual-color standards, and reduces eye fatigue with flicker-free technology
- USB4 Docking monitor offering up to 40Gbps of data and video transfer through a single USB4 cable
- Reduces power consumption with multi-setting eco-mode for reducing power, and energy-saving human detection and light sensors

Vertical: Architecture, Engineering, & Construction

Lenovo ThinkStation PX, P7, and P5

The ThinkStation PX, P7, P5 deliver an unprecedented level of performance for architects, designers, and engineers who perform the most compute-intensive BIM workflows.

1. Architects, Designers & Engineers

ThinkStation PX and P7—unparalleled performance for virtually any BIM workflow requiring High Performance Compute, for intensive tasks such as CAE simulation, reality capture, and geo spatial to cutting-edge pro visualization.

Key software applications:

- CAE: ANSYS, SIMULIA, StarCCM+, SIMSCALE, Altair
- Reality Capture: Epic Reality Capture, iTwin Capture Modeler, ArcGIS, Leica, Faro, Trimble

ThinkStation P5—works with the most complex BIM models to visualize in real time, simulate and analyze digital twins, and create generative designs or reality models.

Key software applications:

- CAD: Autodesk Revit, Bentley MicroStation, Nemetschek ALLPLAN
- Rendering: Chaos V-Ray, Unreal Engine, Unity, Twinmotion

2. Visualization Specialists

ThinkStation PX, P7, and P5—leverages both the CPU and GPU to turbocharge offline rendering from solutions like Chaos V-Ray, or real-time visualization with tools such as Unreal Engine. These workstations are rackmount ready.

Key software applications:

- Chaos V-Ray and Enscape, Unreal Engine, Unity, Lumion, Twinmotion, and many more

3. Simulation and High Performance Computing Data Scientists

ThinkStation PX and P7—our most powerful AI-ready workstations, configured to tackle any HPC workflow challenge, from geospatial and generative design to AI, simulation and applied research. Feature up to 128 cores for CPU processing and up to 4 NVIDIA RTX™ 6000 Ada Generation GPUs compute.

Vertical: Automotive & Manufacturing

Lenovo ThinkStation PX, P7, and P5

The ThinkStation PX, P7, and P5 go beyond the limits of desktop performance to power intense workloads, including real-time visualization, simulation, and high-performance CAD and CAE. These brand-new, thermally optimized AI-ready workstations provide the most configuration options, savings on simulation process times, and never-seen-before flexibility and scalability.

1. CAE Engineers & Specialists

ThinkStation PX and P7—for engineers running computationally intensive multi-physics workflows. With multi-core CPU and GPU configuration flexibility, these workstations offer data center-like performance on the desktop.

Key software applications:

- Altair, Ansys, Autodesk VRED, IC.CIDO, Mathworks - MATLAB, Siemens Simcenter STAR CCM+, SIMULIA

2. CAD Designers & Engineers

ThinkStation P5—offers an excellent balance of high clock speed and high core count, paired with powerful graphics for visualization and rendering. Engineered for AI-ready versatility and flexibility. Perfect for designers and engineers.

Key software applications:

- Autodesk Inventor, SOLIDWORKS, CATIA, Siemens NX, PTC Creo



Vertical: Healthcare & Life Science

Lenovo ThinkStation PX, P7, and P5

The ThinkStation PX, P7, and P5 are ideal for the computational needs of biochemistry, biology, radiology, pathology, and pharmaceutical research.

1. Pharmaceutical Research

ThinkStation PX and P7—tailored for diverse applications within the pharmaceutical and biotechnology industries. They are ideal for the needs of pharmaceutical sciences and assist with the discovery and development of new drugs and therapies to combat diseases and viruses.

Key software applications:

- Nvidia Clara, Schrodinger, OpenEye | Cadence, Lenovo GOAST

2. Computational Simulations

ThinkStation PX and P7—equipped with the latest Intel technology, they enable scientists to harness AI for analyzing vast biological datasets and run computer simulations to solve complex chemical challenges.

Key software applications:

- Schrodinger, ChemComp, MATLAB, Wolfram Mathematica, GATK, Oxford Instruments

3. Radiology and Medical Imaging

ThinkStation P7 and P5—designed to meet the needs of medical imaging professionals and OEMs, and the stringent demands of the MedTech community. They're rigorously tested and certified with leading ISV and diagnostic display vendors, ensuring a seamless workflow for radiologists, cardiologists, and pathologists. They adhere to critical industry certifications such as IEC 60601 and 60950 and are managed to ensure the reliable supply of key components for a long lifecycle product.

Key software applications:

- Syngo, Synapse, Centricity, Intellispace, eRAD, IntellaPACS, MONAI

Versatile workstations for medical imaging specialists with long lifecycles and reliable performance for real-time 3D rendering.

Vertical: Media & Entertainment

Lenovo ThinkStation PX, P7, and P5

Whether on a virtual production set, working remotely, or in an office, ThinkStation PX, P7, and P5 can power demanding workloads from animation and compositing to creative finishing and AI. Lenovo Workstations offer high-performance flexibility and scalability like never before.

1. 3D Modelers and Animators

ThinkStation P7 and P5—perfect for animators creating photorealistic or stylized characters, props, and environments, for film, television, and gaming. Lenovo Workstations with Intel® Xeon® CPUs and NVIDIA professional GPUs accelerate graphics and computationally intensive workflows, and support AI enhanced tools.

Key software applications:

- Autodesk 3ds Max, Autodesk Maya, Blender, Maxon Cinema 4D, Pixologic ZBrush, SideFX Houdini

2. Compositors, Editors, and Colorists

ThinkStation PX and P7—deliver both high clock speed and high core count with Intel® Xeon® CPUs that accelerate rendering and image processing when compositing, editing, and color grading.

Key software applications:

- Autodesk Flame, Blackmagic Design DaVinci Resolve, Adobe After Effects, Adobe Premiere Pro, Foundry Nuke, Avid Media Compose

3. Game Developers

ThinkStation PX, P7, and P5—compute capabilities and NVIDIA RTX technology deliver fast and accurate graphics performance ideal for all aspects of game development, from asset creation and performance capture to programming, compiling and building.

Key software applications:

- Epic Unreal Engine, Unity real-time development platform, in-house developed technologies

These new workhorses can power artists and studios from asset creation and performance capture to programming and compiling or building.

Transforming the art of what's possible

As your customers' data sets, project sizes, and complexity continue to evolve, workstation users are finding their current systems can't keep up with their scaling and demanding workloads. Capitalize on the opportunity today with Lenovo ThinkStation PX, P7, and P5. Equip your customers with next-level productivity to take on the most demanding AI workloads.

Easily attach industry-leading services to your sale without additional investment or resources, whilst helping your customers reduce complexity, increase efficiency, and achieve peace of mind while unlocking new sources of revenue.

The potential for business growth is almost unlimited. Visit [Lenovo 360 Partner Hub](#) to learn more about Lenovo ThinkStation devices and get selling.



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Next steps...

Visit **Lenovo 360 Partner Hub**
to find out more about ThinkStation
PX, P7, and P5.

If you have any questions or want further support, please
Get in touch with your Brilyant representative



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Intel® Xeon® processors

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