

Why Workstations for Education

With a greater emphasis on STEAM coursework from elementary school through higher education, the power of workstations is crucial for successful learning outcomes.

Lenovo Workstations deliver faster processing, software certification, and robust security, ensuring education institutions at every level have the right devices for students, administrators, instructors, and IT.

With groundbreaking design, the latest Intel and AMD processors, and NVIDIA RTX™ professional GPUs, Lenovo Workstations support all the applications needed in today's education environment.



Smarter
technology
for all

Lenovo



Workstations built for transformative learning

Lenovo solutions can power the most demanding learning initiatives

As students grow on their learning journey, their technology needs change. From STEAM labs for early learners to rigorous programs in higher education, students require greater processing power and graphics capabilities as they grow.

Engineered for power, performance, and industry-leading reliability, Lenovo Workstations combine top-of-the-line components with dedicated support for smarter technologies. Lenovo Education provides an ecosystem of trusted solutions to handle the most demanding projects for students, educators, administrators, and IT teams while staying ahead of what's to come as education evolves.

In the classroom, in lab environments, or on the go, find the perfect workstation for your learning environment.



The right workstations for every learning objective

From foundational skills in K-12 classrooms to career-specific objectives in higher education, there's a Lenovo Workstation to support learning at every level.

STEAM labs and activities

Lay the groundwork for foundational knowledge. Lenovo Workstations are built for the needs of K-12 STEAM learning. In the classroom or at home, students can gain practical skills using powerful devices that are reliable, durable, and secure.

Architecture, engineering, and construction (AEC)

AEC programs incorporate building information modeling (BIM) software into their curricula, necessitating the use of a high-performance workstation for optimal execution of tasks such as 3D modeling, rendering, reality capture, and digital fabrication workflows. With Lenovo Workstations, students can prepare for their future careers using the same powerful workstations the enterprise workforce uses.

Graphic design and media production

Lenovo Workstations allow creative learning to flourish by delivering reliability and high performance, enabling the creation of cutting-edge visuals. These robust machines, equipped with powerful NVIDIA RTX graphics cards, are well suited for students in graphic design, web development, animation, film, and broadcast editing programs.

Data science and AI

Understanding computer architecture, programming, and artificial intelligence is core to computer science education programs. Students and faculty in this discipline are heavy users of the tools at their disposal, often spending nearly all their time on tedious data processing and preparation tasks. Lenovo Workstations have the capacity to house large quantities of data and the power to analyze data quickly.

Game development and esports programs

The advanced computing capabilities and professional-grade graphics processing found in Lenovo Workstations make them well suited for dual-purpose game development and esports programs at all levels, providing future game developers and esports athletes with top-tier machines.



Right-sized solutions

Imagine a future where students can access tools that spark learning, growth, and professional readiness. At Lenovo, our education solutions are designed to create a world where ed tech tools are safe and secure, engaging and easy to use, and built for productivity wherever learning takes place. Lenovo Workstations for education keep IT teams productive, faculty and staff inspired, and students engaged.

With groundbreaking design, powerful Intel and AMD CPUs, and NVIDIA RTX™ professional GPUs, Lenovo Workstations support all the applications needed in today's education environment while preparing students with the same workstations used in the workforce. All Lenovo Workstations are tested and certified by independent software vendors (ISVs) to ensure stability and reliability for the best performance.



Processing performance

Lenovo Workstations running on the latest Intel and AMD processors and powered by NVIDIA RTX™ GPUs offer the highest level of power and performance to match any workload — allowing learning to take place without missing a beat.

Lenovo Workstations feature:

- The latest Intel® Core™, Intel® Xeon®, and AMD Ryzen™ Threadripper™ PRO processors to enable real-world workloads and applications
- Industry-leading NVIDIA RTX™ professional GPUs to supercharge learning
- Thunderbolt™ 4 technology for consistent, reliable charging and easy accessory connection for mobile workstations
- Productivity enhancements that boost uptime and software reliability for better overall TCO



Adaptable with accessories

Enhance the learning experience with available accessories including headsets, keyboards, docking stations, and monitors.



Robust security

In addition to built-in security features, all solutions are designed and deployed with trust and integrity at the forefront — at manufacture and beyond. Adaptable security measures protect student information by utilizing Lenovo ThinkShield's end-to-end defense against evolving threats.



Complete support

Get access to dedicated support for your education workstations. Lenovo Premier Support includes 24/7 expert assistance with direct access to our team of engineers.

Lenovo TruScale Device as a Service (DaaS) allows your school or institution to operate with flexibility, freeing up funds by outsourcing your technology services and support.

Laptops for wherever learning takes place

ThinkPad® P16v

Power on the go

Ideal for creators who need portability and performance, the ThinkPad P16v brings the power of a high-performance workstation into a slim, lightweight model. This professional-grade laptop is ideal for students looking for hands-on, real-world experience with the most demanding workflows.

- AMD Ryzen™ PRO 7040 Series processors
- Up to NVIDIA RTX™ 2000 Ada graphics card
- Up to 64GB DDR5 5200MHz
- 16" IPS 16:10 display
- Up to 2 x 2TB PCIe SSD Gen 4 Performance storage
- USB-A, USB-C, and HDMI ports for connectivity



ThinkPad® P16

High performance for demand-intensive workflows

Designed to meet the challenges of film and media, design and architecture, and computer and data science students, the ThinkPad P16 brings high performance on the go for wherever learning takes place.

- Intel vPro® with up to 13th Gen Intel® Core™ i9 HX Series processors
- Up to NVIDIA RTX 5000 Ada Gen graphics card
- Up to 192GB RAM
- Up to 8TB PCIe Gen4 NVMe SSD storage
- 16" 16:10 display
- FHD camera with webcam privacy shutter



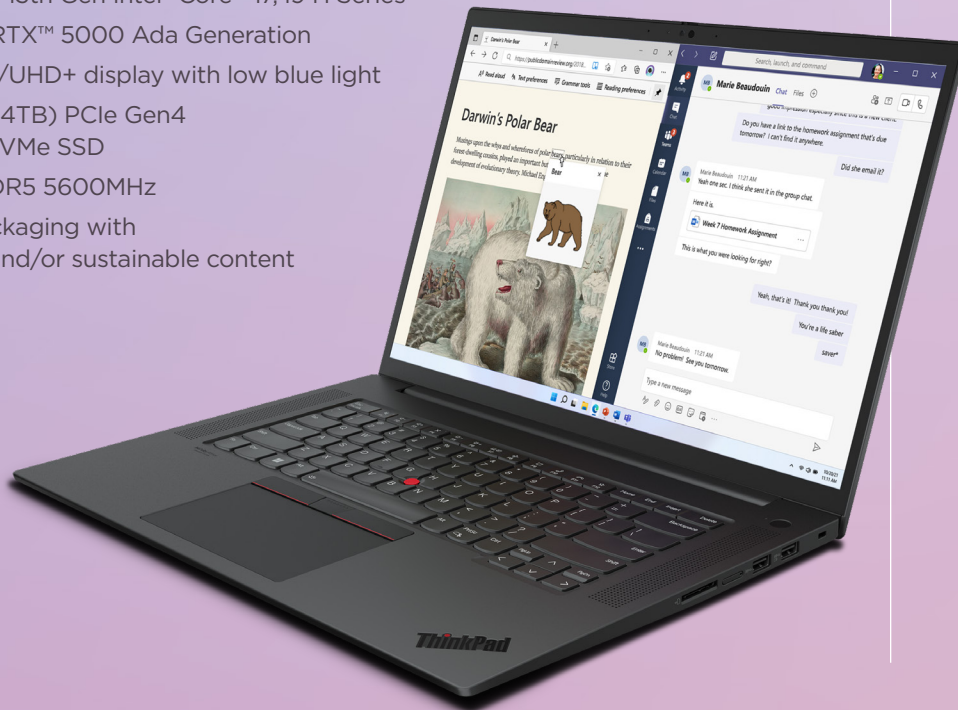
Next-generation learning

ThinkPad® P1

Amazing power, stunning visuals

Powerful, mobile, and visually stunning, the ThinkPad P1 is up to the task for enabling learning with leveled-up graphics and performance capabilities.

- Intel vPro® with 13th Gen Intel® Core™ i7, i9 H Series
- Up to NVIDIA RTX™ 5000 Ada Generation
- 16" 16:10 QHD+/UHD+ display with low blue light
- Up to 8TB (2 x 4TB) PCIe Gen4 Performance NVMe SSD
- Up to 96GB DDR5 5600MHz
- Plastic-free packaging with 90% recycled and/or sustainable content



ThinkReality VRX



ThinkReality A3

ThinkPad® P1 + ThinkReality

Bring learning to life

For STEAM coursework, the ThinkReality A3 and the powerful ThinkPad P1 let you explore augmented reality by accessing multiple monitors in a limited space or mobile learning environment while keeping all your data secure. The ThinkReality VRX headset brings an immersive learning experience, supported by Lenovo content partners



Workstations for all learners

ThinkStation® P3 Tiny Go where other PCs can't

The Lenovo ThinkStation P3 Tiny combines simple and efficient design with professional-level power. It's the world's smallest workstation — 96% smaller than a traditional desktop. What it lacks in size it more than makes up in uncompromising performance.

- Intel vPro® with up to 13th Gen Intel® Core™ i9
- Up to NVIDIA T1000 8GB graphics card
- 170W, 230W, 300W power supply (90% efficient)
- Up to 4TB (2 x 2TB) M.2 PCIe NVMe SSDs
- Up to 64GB DDR5 4800MHz memory
- 1-liter total volume footprint



ThinkStation® P3 Ultra Superior performance, smaller footprint

Ideal for demanding workflows that require flexible configurations and maximum space savings, the ThinkStation P3 Ultra is powered by 13th Gen Intel® Core™ processors and offers a choice of the latest optional NVIDIA discrete graphics.

- Intel vPro® with up to 13th Gen Intel® Core™ i9
- Up to NVIDIA RTX 4000 SFF Ada Gen GPU
- 170W, 230W, 300W power supply (90% efficient)
- Up to 128GB DDR5 memory
- Up to 4TB NVMe SSDs storage
- 3 DisplayPort™ 1.2 ports on board



ThinkStation® P3 Tower The compute muscle of a workstation for the price of a desktop

Designed by engineers and ideal for students in AEC programs, the ThinkStation P3 Tower is built for superior power and performance for BIM. The P3 Tower is fully compatible with gaming accessories for esports, ensuring seamless integration for gamers seeking both professional-grade performance and an immersive gaming environment.

- Intel vPro® with up to 13th Gen Intel® Core™ i9
- Up to NVIDIA RTX 5000 Ada Generation
- 500W, 750W, 1100W power supply (92% efficient)
- Up to 128GB DDR5 4400MHz
- Up to 10TB SSD M.2 2280 PCIe Gen4 Performance TLC Opal
- 2 DisplayPort™ 1.4 ports on board



ThinkStation® P5/P7/PX The ultimate desktop workstations

Ideal for advanced data science and AI projects, these workstations can be used for AI development and tuning. Students can push these performance champions to the limit with Intel® Xeon® CPUs and NVIDIA RTX™ graphics for professional results.

- Available with Intel® Xeon® processors
- Up to NVIDIA RTX™ 6000 Ada graphics
- Starting at 512GB DDR5 memory
- Tool-less serviceability
- Rack-optimized design

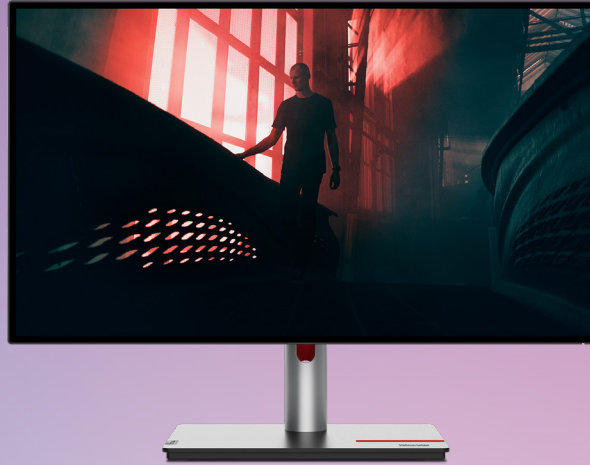


Learning, visualized



ThinkVision® P32p-30
Bring big ideas to life

Learn with pixel-perfect clarity with this 4K UHD resolution screen, delivering a 99% accurate sRGB color gamut. The three-side, near-edgeless screen and 178°/178° viewing angles enhance collaboration wherever class is in session.



ThinkVision® P27h-30
Augment creativity

The high resolution and easy connectivity make this stunning 27.0" display ideal for the evolving learning environment. It delivers a premium functional and ergonomic experience with an impressive four-side near-edgeless anti-glare screen for all-day creativity and discovery.



ThinkVision® P24q-30
Superior image quality

The monitor's 23.8" QHD panel delivers crisp, clear images with high color accuracy and quality from almost every angle. Additional USB-Type A ports allow for greater connectivity.



Find the right workstation for every stage of the learning journey. From K-12 to higher education, your Lenovo Workstation specialist is here to support you.

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