Why Workstations for Education

With a greater emphasis on preparing students for the workforce, the power of workstations is crucial for developing real-world skills and achieving 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® Core™ Ultra and Intel® Xeon® processors, and NVIDIA RTX PRO™ GPUs, Lenovo Workstations support the demanding applications needed to prepare students for today's education environment and tomorrow's careers.

That's the power of Intel Inside®



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 Vocational Education and Training (VET), and rigorous programs in higher education, students require greater processing power and graphics capabilities as they prepare for future careers.

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 help students build real-world skills, support workforce development, and handle the most demanding projects for students, educators, administrators, and IT teams while staying ahead of what's to come as education evolves.

Powered by Intel® Core™ Ultra and Intel® Xeon® processors, Lenovo Workstations deliver the performance required to support evolving student workloads from early learning through higher education. In the classroom, in lab environments, or on the go, find the perfect workstation for your learning environment.

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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 powered by Intel® Core™ Ultra and Intel® Xeon® processors 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.

Durability testing

Tested against 12 MIL-SPEC methods and 22 procedures, these workstations are built to withstand the daily wear and tear of education environments—ensuring durability, reliability, and consistent performance.

That's the power of Intel Inside®

Design & architecture

Design & architecture 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.

Gaming, film, & broadcast

Lenovo Workstations allow creative learning to flourish by delivering the reliability, graphics performance, and processing power needed to create cutting-edge visuals, immersive gaming experiences, and high-quality broadcast content. Equipped with powerful NVIDIA RTX PRO graphics cards, these robust machines are well suited for students in game design, 3D modeling, graphic design, web development, animation, film, and broadcast editing programs.

Data science and AI

Understanding computer architecture, programming, artificial intelligence, and AI development is core to computer science education programs. Students and faculty in this discipline are heavy users of the tools at their disposal, often spending significant time on complex data processing, model training, testing, and preparation tasks. Lenovo Workstations have the capacity to house large quantities of data and the power to analyze data quickly, helping learners build, refine, and deploy AI models with confidence.

Engineering & computer science

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 esport 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® Core™ Ultra and Intel® Xeon® processors, and NVIDIA RTX PRO 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.

AUTODESK Bentley NEMETSCHEK GROUP HEXAGON

Trimble FARO Adobe esri EPIC GAMES chaos

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Processing performance

Lenovo Workstations running on the latest Intel® Core™ Ultra and Intel® Xeon® processors, and powered by NVIDIA RTX PRO 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™ Ultra and Intel® Xeon® processors to enable real-world workloads and applications
- Industry-leading NVIDIA RTX PRO professional GPUs to supercharge learning
- Thunderbolt™ 5 technology for faster data transfer, reliable charging, and seamless accessory connections 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.

Lenovo Access

Securely connect students, educators, and IT teams to remote workstation solutions with Lenovo Access, enabling efficient learning and complex project work from virtually anywhere.

Laptops for wherever learning takes place

ThinkPad P14s *i** / 16s *i*

Performance at the speed of life

Delivers mobile workstation performance in a thin, lightweight design, supporting students, educators, and professionals with the reliability, productivity, and portability needed for demanding workflows on the go.

Perfect mix of performance, sustainability, and power

- Up to Series 3 Intel® Core™ Ultra X9 processors for Copilot+ PCs
- Up to NVIDIA RTX PRO 2000 Blackwell Generation Laptop GPU
- Up to 96GB LPDDR5x 8533MT/s memory**



* The P14s *i* is only available with up to NVIDIA RTX PRO™ 1000 Blackwell Generation Laptop GPU

** Memory spec transfer rate listed; system support transfer rate may vary by configuration

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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.

- Up to Intel® Core™ Ultra 9 HX processors
- Up to NVIDIA RTX PRO 5000 Blackwell Generation Laptop GPU
- Up to 192GB DDR5 5600MT/s non-ECC or 128GB ECC memory**



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.

- Up to Series 3 Intel® Core™ Ultra X9 processors
- Up to NVIDIA RTX PRO 2000 Blackwell Generation Laptop GPU
- Up to 96GB LPDDR5x 8533MT/s memory**



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.

- Up to Intel® Core™ Ultra 9 processors and Intel vPro®
- Up to NVIDIA RTX™ A1000 GPU
- Up to 128GB DDR5 6400MT/s memory**



** Memory spec transfer rate listed; system support transfer rate may vary by configuration

ThinkStation P3 Ultra SFF

Superior performance, smaller footprint

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

- Up to Intel® Core™ Ultra 9 processors and Intel vPro®
- Up to NVIDIA RTX PRO 4000 SFF Blackwell Generation GPU
- Up to 128GB DDR5 6400MT/s ECC or non-ECC memory**



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.

- Up to Intel® Core™ Ultra 9 processors and Intel vPro®
- Up to NVIDIA RTX PRO 6000 Blackwell Workstation Edition GPU
- Up to 256GB DDR5, 6400MT/s memory**



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 PRO graphics for professional results.

- Available with Intel® Xeon® processors
- Up to NVIDIA RTX PRO 6000 Blackwell graphics
- Rack-optimized design



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Learning, visualized



See every lesson with clarity
A 27-inch QHD display with crisp visuals, a near-edgeless design, and wide viewing angles for learning and collaboration.

Expand every idea
An expansive ultrawide display that gives students and educators more room to multitask, create, and collaborate with clarity.

Bring lessons to life in 4K
A 32-inch 4K UHD display with sharp detail and wide viewing angles to help elevate lessons, projects, and presentations.

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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Lenovo Wireless VoIP Headset

Stay connected with the Lenovo Wireless VoIP Headset, your reliable partner for clear, comfortable audio during calls, meetings, and collaboration.

ThinkPad Thunderbolt 5 Smart Dock 7500

Unleash the full potential of your workspace with the ThinkPad Thunderbolt 5 Smart Dock, a one-stop solution for unrivaled connectivity and productivity.





Lenovo 100 USB-A Wireless Combo Keyboard and Mouse

Enhance everyday productivity with the Lenovo 100 USB-A Wireless Combo Keyboard and Mouse, your reliable partner for comfortable typing, smooth navigation, and convenient wireless control.