Turn Your Institution into a Powerful AI Hub with Lenovo Workstations

Get started →

Intel® Core™ Ultra processors

Windows 11

Unlock Limitless Learning

Education is well ahead of the curve when it comes to AI adoption.

Among HE students, 89% use AI in their daily academic lives[1] – and 49% of campuses are accelerating their tech investments[2].

The reasons for this are compelling:

- Students want to be prepared for tomorrow's AI-first workplaces
- Teachers want to create immersive experiences using tech like VR and AR
- Institutions want to be known for research and innovation to stay competitive

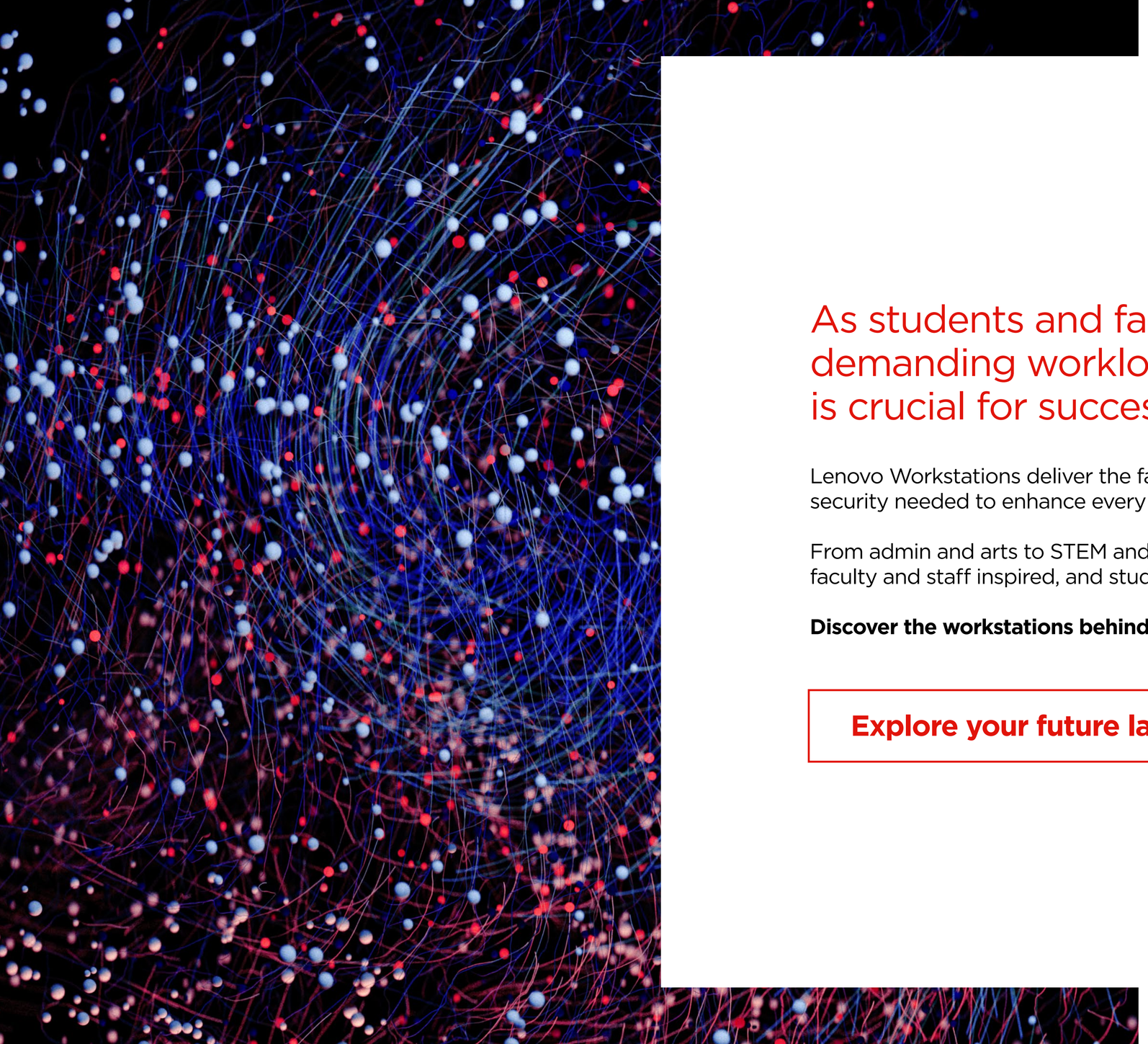
AI supports each of these ambitions, yet 44% of campus leaders cite implementation as their biggest challenge[2]. They must also consider important issues like data privacy, compliance and how models are trained.

The advice from the European University Association is therefore to approach AI with a "curious and critical mindset"[3]. That means starting small, experimenting with purpose and prioritising only those projects that can be scaled securely.

The way forward

At Lenovo, we believe a successful AI strategy requires the right foundations. Powerful technology and tools that allow you to innovate securely without compromise – so you can build momentum towards a truly AI-enabled learning future.

1 Use and perception of AI in the university environment, CYD, 2025
2 The Higher Ed Innovation Index 2025
3 Adopting AI that serves the needs and values of universities, EUA, 2026



As students and faculty handle more complex, demanding workloads, the power of workstations is crucial for successful learning outcomes.

Lenovo Workstations deliver the fast processing, software certification, and robust security needed to enhance every education environment.

From admin and arts to STEM and AI, we've got the technology to keep IT productive, faculty and staff inspired, and students engaged.

Discover the workstations behind the labs your people need.

Explore your future labs →

Higher Education Labs

Lenovo Higher Education AI Labs provide flexible, high-performance, scalable, and robust solutions built to handle current AI tools and future expansion to benefit all learners, staff, and researchers.

1

On-Campus Lab

Enhance your traditional classroom and lab setups with dedicated desktop workstations or rack-mounted units.

2

Mobile Labs

Portable carts or laptop fleets are perfect for shared spaces, multi-use rooms, or flexible learning environments.

3

Faculty Labs

Give advanced performance to the staff who need it most with powerful desktop workstations.

4

Researcher Labs

Designed for time-intensive data processing, preparation and cleansing tasks, inferencing and GPU-intensive workloads.

5

AI Development Hub

Give your staff and students the tools to tackle complex AI development for LLM or SLM using tools like Anaconda and Python.

1 On-Campus Lab

Accelerate learning for all with workstations built for every budget, workload and requirement.

Entry-level workstations

Our entry-level workstations give your administrative staff all the power they need to stay productive.

Who?
Admin staff

What?
Light AI tasks, basic CAD, entry-level programming

We recommend: ThinkStation P3 Tiny with ThinkCentre Tiny-In-One 24

The ThinkStation P3 Tiny is the world's smallest workstation—96% smaller than a traditional desktop. It has an Intel® Core™ Ultra 7 processor and 32GB of DDR5 memory, as well as optional NVIDIA discrete graphics.

And the ThinkCentre Tiny-In-One 24 Gen 5 monitor is the perfect companion for a clean desk solution. It's your modern-day multitasker with unparalleled collaboration and quick installation.

Mid-tier workstations

Give everyone in the classroom the tools to learn, create and collaborate.

Who?
All learners

What?
Hands-on projects, discovery, advanced app workloads, small AI model training, CAD rendering

We recommend: ThinkStation P3 Ultra SFF with ThinkVision P25i-30

Perfect for workflows that demand flexible configurations and maximum space efficiency, the ThinkStation P3 Ultra is powered by Intel® Core processors and offers a choice of the latest optional NVIDIA Blackwell GPUs. The ThinkVision P25i-30 complements this with clear, reliable visuals and ergonomic comfort, making it ideal for extended use.

Together, they form the perfect setup for student labs at any level—whether beginning their journey into AI or advancing to training their first models. The P3 Ultra also benefits from a high-density rack solution, enabling support for distance learning, cross-campus collaboration, and offsite locations. This setup delivers a seamless 'at-desk' user experience, even for GPU-intensive workflows, ensuring performance and accessibility wherever learning happens.

High-end workstations

Take on the most complex tasks without compromising performance.

Who?
STEM

What?
Advanced AI tasks, data and Design analytics, heavy CAD workflows

We recommend: ThinkStation P3 Tower with ThinkVision P49w-30

With the compute muscle of a workstation for the price of a desktop, the ThinkStation P3 Tower delivers superior performance.

Ideal for students in AEC programs, with Intel® Core Ultra 9 processor and 256GB DDR5 memory, it's packed with power and speed. When paired with a Blackwell NVIDIA RTX GPU, your Students will have access to up to 96GB VRAM meaning LLM and SLM tuning is possible at the desk.

Combine it with the ThinkVision P49w-30 monitor; it's where the pinnacle of multitasking meets the zenith of creativity.

2 Mobile Labs

Create powerful labs for learning, wherever it takes place, with powerful, flexible and portable workstations.

Who?
Teaching staff

What?
Remote class prep, light to moderate AI workloads, flexible classroom usage

We recommend:

ThinkPad P16s with ThinkVision M14t

The ThinkPad P16s brings NVIDIA® RTX PRO 1000 Blackwell GPU for advanced graphics and AI acceleration into a slim, lightweight model. And the ThinkVision M14t offers a lightweight, portable touchscreen with pen support—ideal for annotating materials, presenting on the go, and engaging students in dynamic, interactive lessons.

With Intel vPro® Gen Intel® Core™ processing power, it offers mobility and value for money, handling large, heavy workloads and multitasks with ease.

Who?
Researchers

What?
Data-heavy and complex spreadsheets, statistical software

We recommend:

ThinkPad P1 with ThinkVision M15

Delivering high performance for demand-intensive workflows, the P1 is perfect for film and media, design and architecture, and computer and data science students. And with the ThinkVision M15—researchers get an extra screen for data analysis, coding, or comparing documents while working from labs, libraries, or in the field.

Intel vPro® with up to Intel® Core™ U9 H Series processors brings powerful performance on campus, at home and on the go.

3 Faculty Lab

Make it easy to switch to expert mode. Our ultimate desktop workstations are ideal for advanced data science and AI projects.

Who?
Master’s and PHDs

What?
Advanced overall performance, large AI model training, data analytics, complex CAD and research

We recommend:

ThinkStation P5 with ThinkVision P27QD-40

Built to handle the most complex workloads, the ThinkStation P5 is ideal for Master’s and PHD-level teaching and learning. Students and staff can push these performance champions to the limit with Intel® Xeon® CPUs and NVIDIA RTX™ graphics for professional results. And the ThinkVision P27QD-40 is the ideal partner for high-performance workspaces. It’s your colour-accurate powerhouse with effortless connectivity and smart power delivery.

4 Research Labs

Our research-ready workstations are built for data collection, inferencing and GPU-intensive workloads.

Who?
Researchers

What?

Historical Painting Imaging
GPU-intensive analysis and enhancement of high-resolution scans of historical artworks.

Archival Document Digitisation
High-performance scanning, rendering, and remote access of rare books and ancient scrolls.

AI and Machine Learning Development
Building and training neural networks, LLMs, SLMs, and computer vision models for cutting-edge research.

IoT-Based Environmental Monitoring
Processing data from campus-wide sensors tracking bee behaviour, environmental changes, and video feeds.

X-Ray Image Analysis
Advanced visualization, AI model training, and analysis of medical or archaeological X-ray imagery.

Edge Computing for Research Fieldwork
Collecting and analysing data locally with real-time inferencing at the edge—ideal for remote or mobile research setups.

We recommend:

ThinkStation PX with ThinkVision P27QD-40

The Lenovo ThinkStation PX is built for the extreme computing demands of university research. With dual Intel® Xeon® 64-core processors, up to four NVIDIA RTX 6000 Blackwell GPUs, and 2TB of memory, it delivers the performance needed for AI model training, complex simulations, and large-scale data analysis. Ideal for labs and remote access via Lenovo's Remote Workstation Solutions, the PX empowers researchers across disciplines to accelerate discovery and innovation.

Coupled with the ThinkVision P27QD-40, your workstation set up eliminates workflow interruptions and empowers remote management for more productive multitasking.

ThinkPad P16 with ThinkVision P34WD-40

The Lenovo ThinkPad P16 delivers workstation-class performance in a highly mobile form factor, making it the ideal companion for researchers working in the field or across remote sites. Designed to tackle demanding workloads such as AI model development, real-time data analysis, and 3D visualization, the P16 now boasts up to 192GB of memory and an NVIDIA Blackwell RTX Pro GPU with 24GB of VRAM—ensuring seamless performance even under the most intensive tasks.

With ISV certifications, robust security features, and long battery life, the P16 empowers researchers to work reliably, securely, and efficiently—wherever their research takes them.

When back at the lab or office, it pairs seamlessly with the ultrawide ThinkVision P34w-40 monitor—perfect for multitasking, data comparison, and immersive visual work.

5 AI Development Hub

Lenovo workstations give you the power to take on machine and deep learning, large language modeling (LLM), data science, and data analytics—so you can push the boundaries of AI-enabled innovation.

Who?
AI Researchers/Academics

What?
AI tool development for LLM or SLM, Anaconda and Python

We recommend:

1 ThinkStation P3 Ultra SFF with ThinkVision P27QD-40

Built for compact spaces but packed with performance power, the ISV Certified ThinkStation P3 Ultra SFF handles complex workloads with ease. Blazingly-fast Intel vPro® with Intel® Core™ processors and vast memory make light work of AI and other advanced applications. Paired with the ThinkVision P27QD-40, it gives university IT teams the clarity and workspace they need for developing, testing, and fine-tuning AI tools with precision.

2 ThinkStation P5 with ThinkVision P34WD-40

Designed with advanced data science and AI projects in mind, these workstations are ideal for AI development and tuning.

Available with Intel® Xeon® processors and up to NVIDIA Blackwell RTX Pro, students and staff can break new ground with AI.

With its ultra-wide, high-resolution curved display, the ThinkVision P34wD-40 allows efficient multitasking across datasets, development environments, and monitoring tools—all on a single screen.

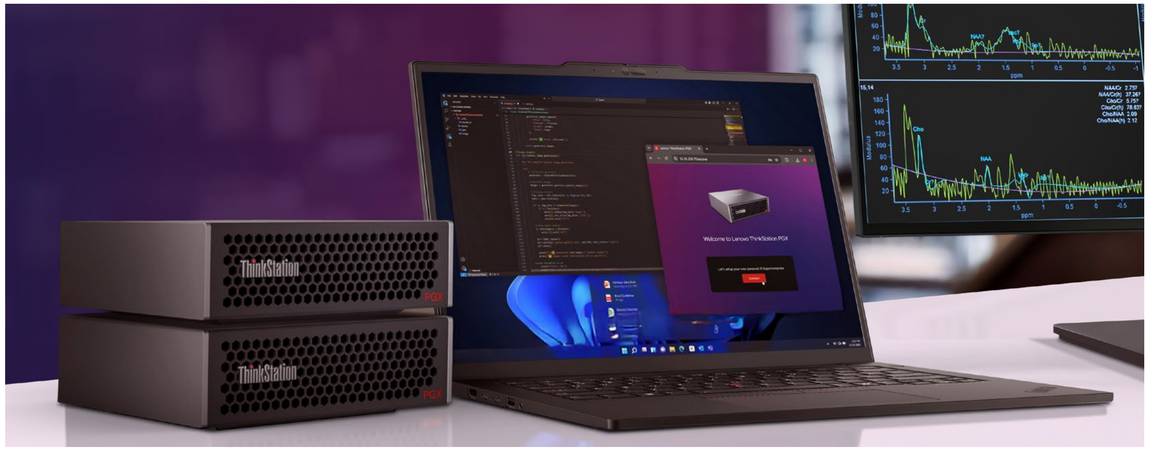
1

2

Supercomputing Spotlight: Lenovo ThinkStation PGX for Higher Education

Bring AI supercomputing to your desktop – in the lab and beyond.

When you need server-grade AI power at your fingertips, without upgrading lab hardware or queuing for shared resources, choose the Lenovo ThinkStation PGX for Higher Education.



What is it?

- A desktop AI accelerator for learning, research & innovation to build, fine-tune and run large AI models.
- A small form factor solution, which packs the advanced power of the NVIDIA GB10 Grace Blackwell Superchip.
- A secure and dedicated on-premises alternative to using public cloud or campus clusters.

Who's it for?

- **Researchers and lab leads** who want to experiment with large models faster.
- **Teaching staff** who want to offer hands-on AI learning in a consistent environment.
- **Graduate and PhD students** who want to do advanced and iterative research.
- **Undergraduates** who want to gain practical coding and data science experience.

Why do I need it?

- **Accelerate breakthroughs**
  Stop waiting in cluster queues. With dedicated AI performance on your desktop, you can experiment, iterate and make discoveries faster.
- **Gain local performance**
  Run large-parameter and high-compute AI models locally without relying on internet cloud services with additional costs per token.
- **Protect sensitive data**
  Keep your research findings and academic content safe in your own environment – avoiding privacy risks and maintaining compliance with regulations.

AI performance

Blackwell GPU architecture accelerates AI performance

Unified memory

128 GB* shared CPU-GPU memory for massive models

Scalability

ConnectX-7 200 GBps connection for multi-node expansion

AI-ready stack

Validated for NVIDIA AI software stack, ARM core architecture and DGX OS**

*Up to 256 GB in cluster mode **DGX OS based on Ubuntu Pro 24.0

A Partnership Strengthened by a Suite of Services

Make the most of it

Services and solutions to complement your devices and optimize the working environment for your users.

24/7 Best in class support

With Lenovo's Premier Support and Premiere Support Plus, your school can look forward to a 24/7 advanced technical support solution when your institution needs it most.

A sustainable lifecycle

With Asset Recovery Services, you can lessen your environmental impact, protect sensitive data, and even provide a return on tech investment.

Security first

Supplement the built-in, on-device security features with Lenovo's industry leading software solutions that support the needs of educators, including security, classroom management and beyond.

Manage your labs intelligently

Lenovo Device Orchestration helps IT teams manage, monitor, and optimize device fleets across OS platforms with AI-powered tools for performance tracking, software management, and proactive issue resolution.

Reduce operational costs and boost productivity, fast

Lenovo's configuration solutions ease the burden of configuring new devices on your IT department while reducing operational costs and allowing people to start using their devices quicker.

Flexibility, scalability and a better bottom line

Lenovo's TruScale Device as-a-Service (DaaS) can help your school to manage costs more effectively, further boost security, and provide a lot more choice when it comes to hardware.

> "With this latest TruScale DaaS deal, we have more direct contact with Lenovo and are taking advantage of more support services that wrap around the hardware than we did in the past, strengthening our relationship with Lenovo."

Suzie Chadwick
Head of Service, Cranfield University

Jump Start Your Labs Today with...

Ready to get started?

Connect with your Lenovo representative or visit techtoday.lenovo.com/workstations-for-education to find out more.

Connect now

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