

Secure solutions for Higher Education

Modernize your campus with Lenovo solutions, advanced by AMD, harnessing the power of AI, while maintaining trust, enabling collaboration, and working with confidence.

AMD 
RYZEN AI
PRO

**Smarter
technology
for all**

Lenovo



Higher Education institutions have to modernize while protecting research, collaboration, and experience.

Higher Education is quickly adopting new digital platforms, to enable global collaboration and explore the value of AI in areas like academic research.

Yet, this expansion often exposes vulnerabilities within decentralized IT ecosystems, where departments operate independently with varying tools, standards and practices.

The challenges:

- Growing exposure to nation-state adversaries
- Institutional imperatives to safeguard research, student data, and institutional intellectual property
- Overlapping compliance demands across FERPA, GDPR, HIPAA, NIST
- Limited systemic visibility due to decentralized systems



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Why can't we see what's happening across all departments?

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How can we protect research while properly enabling collaboration?

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How can we gain and proactively enforce security control?

Security that supports Higher Education's mission—advanced by AMD

Lenovo provides built-in, adaptive security that helps institutions modernize without compromising academic freedom.

The combination of Lenovo, AMD Ryzen™ AI PRO processors, Lenovo ThinkShield, and Windows 11 Pro is designed to empower students, faculty, and staff with solutions that strengthen protection across research, learning, and campus operations. Get clarity and control, enhance learning, and streamline operations, to securely deploy scalable AI across your campus.





Why institutions choose Lenovo:

Award-winning expertise

Lenovo and ThinkShield are setting industry benchmarks for device, data, and supply chain security, demonstrated by the award of a Fortress Cybersecurity Award for Supply Chain Security in 2025.

Trust built in

Security is embedded into every device by design, reducing uncertainty and strengthening supply chain protection.

Clarity from complexity

Centralized visibility and policy control enable full control of IT environments.

Resilience that enables continuity

Our solutions are designed to minimize risk and help maintain teaching and research uptime.

Adaptive, cloud-ready protection

This is security made for academic needs, supporting hybrid learning, cross-campus collaboration, and new kinds of research.

A partner who gets Higher Education

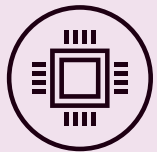
Lenovo helps CIOs to modernize confidently, aligning security specifically to institutional goals.

Bring AI readiness to every corner of campus.

With student use of AI on the rise, institutions need to employ technology that can support smarter learning, while keeping operations resilient and securing the research environment.

Devices featuring AMD Ryzen™ AI PRO processors and Windows 11 Pro are purposefully designed to protect and scale AI experiences for students, faculty, and staff.

ThinkShield delivers comprehensive, modern, resilient security, engineered for Higher Education



Security from the chip up

With firmware, hardware, and component-level device and data integrity.



Integrated protection

ThinkShield offers integrated endpoint lifecycle controls, such as Secure Endpoint Management (Absolute), Self-Healing BIOS, Device Orchestration, automated compliance reporting, and centralized patching—all designed to reduce IT workload and downtime.



Automated defenses

ThinkShield includes AI-powered XDR (SentinelOne), automated remediation via Secure Endpoint Management, and firmware-attack recovery via Self-Healing BIOS—directly supporting rapid threat detection and reduced IT intervention.



Built for the academic environment

With an ecosystem of security partners who can support adaptation as threats evolve.



Expert guidance

Lenovo specialists can align security solutions to specific departmental requirements, including research labs, student learning environments and distributed campuses.



End-to-end trust

ThinkShield reinforces institutional confidence with rigorous manufacturing standards, supply chain controls, integrated Windows 11 Pro security, and device-level security.

AMD Ryzen™ PRO

The combination of ThinkShield and AMD PRO Security offers multilayer protection from the component level to the cloud.

- AMD Modern Security Architecture enables you to counter threats as they evolve.
- AMD Secure Processor validates critical code before it's executed.
- AMD Memory Guard offers the industry's first full memory encryption.
- Self-healing BIOS embeds endpoint protection from the chip up.
- Advanced AI offers real-time endpoint protection against malware and ransomware.

AMD
RYZEN AI
PRO



Lenovo for Higher Education—our high-performance portfolio

Build a scalable and sustainable AI architecture that ticks all the boxes for compliance, security, and data management while meeting the unique needs of students, educators, and administrators.

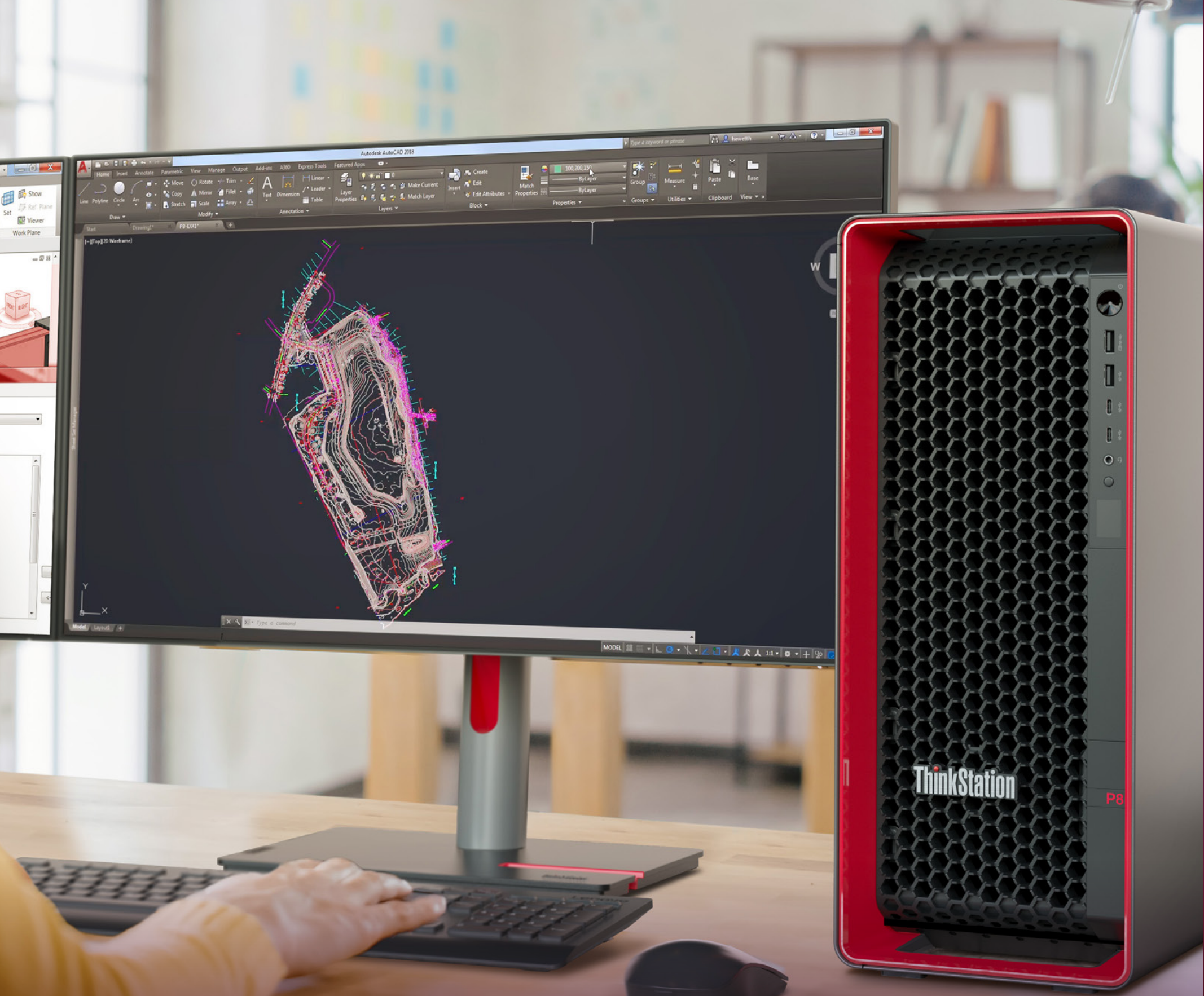




Laptops

Lenovo AI-enabled laptops are made for performance, mobility, and secure learning—ideal for students, faculty, and staff who need power on the move.

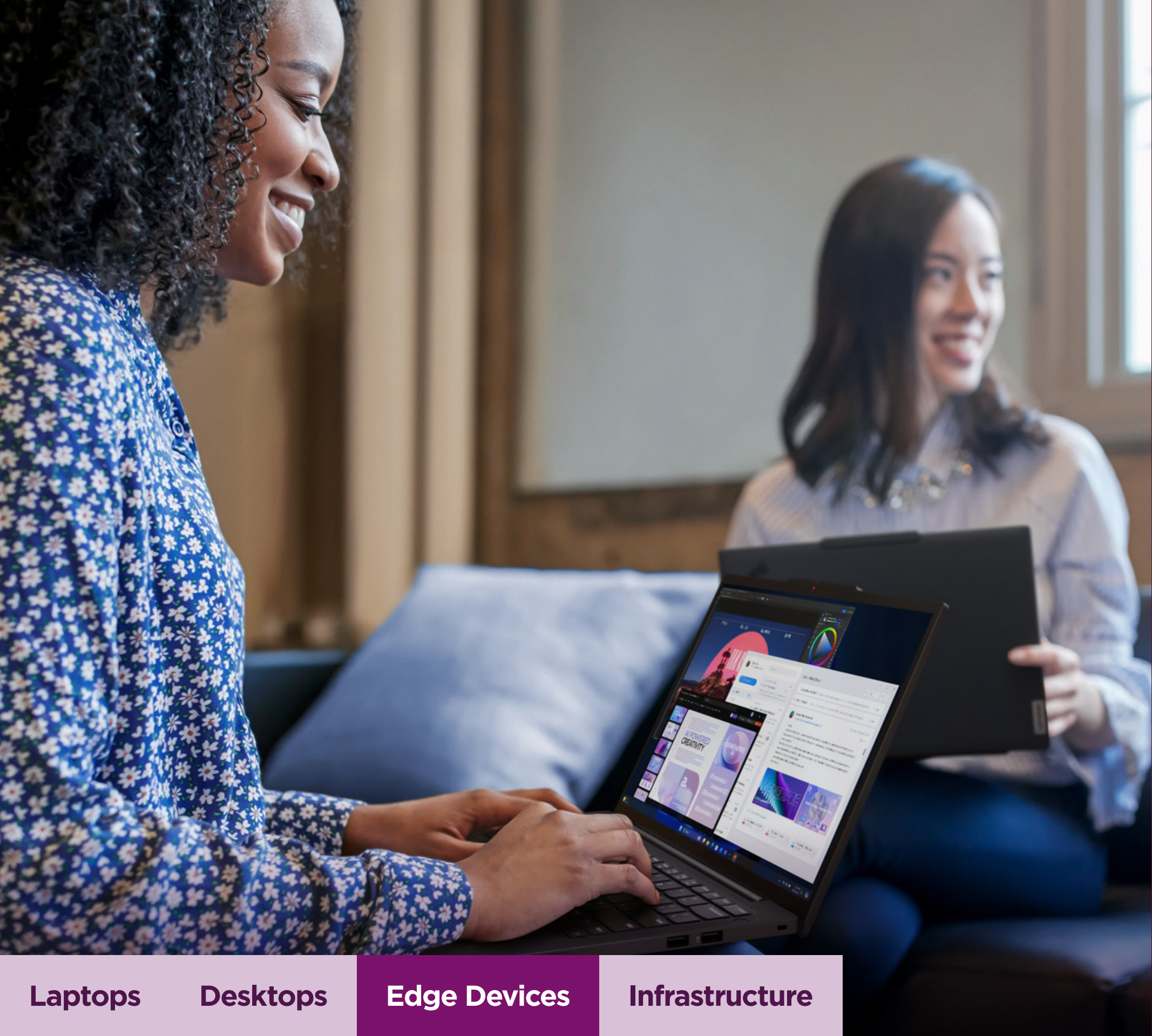
Devices such as the ThinkPad P16s are mobile, AI-ready and designed for premium performance and portability. With the power of AMD Ryzen™ AI PRO processors, you can optimize for next-generation AI experiences while maintaining built-in security and business manageability make it a strong choice for higher education environments.



Desktops

From space-saving systems to high-end workstations, Lenovo desktops deliver scalable performance for classrooms, labs, and research environments.

With AMD Ryzen™ Series processors, desktops such as the ThinkCentre neo 55a Gen 6 help you unlock productivity, collaboration, and hybrid education for staff and students alike. Deliver exceptional speed for AI and content creation, backed by enterprise-grade reliability and perfectly suited for diverse education spaces.



Edge Devices

Our purpose-built edge systems enable efficient, secure AI workloads close to where data is generated ideal for smart campuses and real-time inference.

Discover devices such as Lenovo ThinkEdge SE455, which offers efficient edge AI performance in a compact, rugged, and scalable design. Powered by AMD EPYC™ 8004 Series processors, it's optimized for AI inference and edge workloads, offering powerful performance per watt in a small-scale form factor.



Infrastructure

Powerful, scalable infrastructure to support AI training, inference, and hybrid cloud environments across higher education. Servers such as the ThinkSystem SR673 offer a GPU-rich environment to power the most demanding AI workloads at scale. Built on AMD processors to deliver scalable, high-performance architecture ideal for both AI training and inference.

Complementary infrastructure solutions help institutions modernize their data centers and simplify AI adoption, offering resilience, manageability, and performance for all your education workloads.

Lenovo Smart Services

Our flexible, end-to-end services portfolio gives you all you need to deploy, scale, and manage AI for Higher Education.



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Lenovo Premier Support Plus

Get 24/7 access to advanced technicians for hardware, software, and solution support, with next-day onsite service and accidental damage protection to minimize downtime.



Lenovo CO2 Offset Services

Reduce your environmental impact by offsetting the carbon cost for every hardware purchase, old and new, at point of purchase.



Lenovo Asset Recovery Services

Accelerate your sustainability goals, with a dedicated service to extend the device lifecycle and mitigate environmental and data security risks during end-of-life asset disposal.



Create and protect outstanding education experiences with Lenovo

Whether you're exploring AI, upgrading devices, or strengthening security, Lenovo can work with you to build a resilient, compliant, and future-ready campus environment.

[Get started](#)

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