

Secure solutions for Higher Education

Modernize your campus with Lenovo solutions powered by Intel®, and reap the benefits of the latest technology while protecting your students, staff, and reputation.



Smarter
technology
for all

Lenovo

Move your campus forward with confidence

The latest advances in technologies such as AI present great opportunities to improve learning, collaboration, and research.

However, care needs to be taken when choosing solutions, to keep your institution secure.

This guide shows you how Lenovo and Intel unlock the advantages of new technology for Higher Education while locking in the security you need.



The challenges:

- Preventing exposure to cybersecurity risks
- Protection of research, student data, and intellectual property
- Compliance with FERPA, GDPR, HIPAA, NIST
- Visibility across entire organization

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

“ How can we protect research while encouraging collaboration?”

“ How can we enforce security measures?”



Security and control across your campus



The combination of Lenovo, Intel® Core™ Ultra processors, Lenovo ThinkShield, and Windows 11 Pro provides comprehensive protection.



It starts with Lenovo's rigorous supply-chain trust processes and Intel's on-chip protections.



System and endpoint manageability ensures your IT team can monitor and protect at scale.



Plus, a range of practical features from Lenovo ThinkShield and Intel processors complement each other to provide ongoing protection against evolving threats.

Why institutions choose Lenovo



Award-winning expertise

Lenovo and Lenovo ThinkShield set industry benchmarks for device, data, and supply chain security, demonstrated by the 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.



Total control

Centralized visibility and policy control give you full oversight.



Resilience for continuity

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



Made for academia

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



A partner who understands Higher Education

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

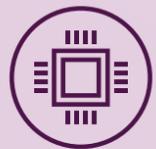


Bring AI readiness to every corner of campus

Devices featuring Intel® Core™ Ultra processors are purposefully designed to protect and scale AI experiences for students, faculty, and staff.

AI acceleration is built into every Intel® Core™ Ultra processor, with three AI engines—CPU, GPU, and NPU—all working together to elevate learning and admin environments.

Lenovo ThinkShield: comprehensive, modern and resilient security



Security from the chip up

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



Integrated protection

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



Automated defenses

Lenovo ThinkShield includes AI-powered XDR (SentinelOne), automated remediation via Secure Endpoint Management (Absolute), 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

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



Intel for added security

The combination of Lenovo ThinkShield and Intel Security delivers multilayer protection.

- **Intel Hardware Shield** strengthens firmware defenses.
- **Intel Boot Guard** helps prevent unauthorized firmware from running.
- **Intel BIOS Guard** reduces the risk of flash-based tampering.
- **Intel Threat Detection Technology** helps spot ransomware and crypto mining activity.
- **Intel Control-flow Enforcement Technology** helps block common control-flow attacks.

Our high-performance portfolio

Choose from a comprehensive range that ticks all the boxes for compliance, security, and data management while meeting the unique needs of students, educators, and administrators.





Laptops

Portable productivity for students, faculty, and staff.

Devices such as the Lenovo ThinkPad X1 Carbon Gen 14 Aura Edition allow you to handle the toughest of workloads on the move, thanks to the power of Intel® Core® Ultra X7 Series 3 processors, which combine AI acceleration with high security.



Desktops

From everyday admin PCs to high-end research workstations, there's a Lenovo desktop for every academic need.

Take the Lenovo ThinkCentre X AIO, an all-in-one that's ideal for the students. Its Intel® Core™ Ultra X7 Series 3 processors with Intel® Arc™ GPU make it perfect for editing, multitasking, and video collaboration without heat or lag.



Edge devices

Being able to process workloads close to where data is generated makes these devices ideal for smart campuses and real-time applications.

Discover the Lenovo ThinkEdge SE450, designed to meet the needs of advanced AI applications with the power of Intel® Xeon® Platinum processors and whisper-quiet operation.



Infrastructure

Our powerful, scalable infrastructure solutions optimize performance for the most intensive workloads.

For example, the Lenovo ThinkSystem SR670 is powered by two second-generation Intel® Xeon® Scalable processors and the ratio of up to 1:4 for CPUs to GPUs makes it an excellent choice for AI training and accelerated High Performance Computing.

Lenovo Smart Services

Our flexible, end-to-end services portfolio gives you all you need to deploy, scale, and manage the right tech for your institution.



Lenovo AI Services

From strategy to scale, helping you to design, deploy and manage secure AI solutions that align with your institution's goals.



Lenovo Premier Support Plus

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



Lenovo CO₂ Offset Services

Reduce your environmental impact by offsetting the carbon cost for 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.



Lenovo Configuration Services

Streamline the implementation of new tech, from infrastructure to end-user devices. Lenovo helps to configure, deploy and migrate seamlessly with greater speed, reliability and precision.



Create exciting yet secure education experiences

Whether you're exploring AI, upgrading systems, or strengthening security, Lenovo and Intel help you build a resilient, compliant, and future-ready campus environment.



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