



# Higher Education (HED) Buyer's Guide

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Powered by Intel<sup>®</sup>

 **Windows 11**

A more focused Start experience

**Lenovo**



# Purpose-built solutions to nurture the next generation of learners

In the Higher Education (HED) institutions of today, technology is a key enabler in creating a borderless campus that fosters equitable and enriching learning experiences. However, scaling up hybrid learning comes with unique challenges:



## Students

- User-friendly devices
- Accessible technology for all
- Personalized hybrid learning experience



## Educators

- Improving learning outcomes
- Enhancing student engagement
- Hybrid classroom management



## IT Administrators

- Network and endpoint protection
- Managing multiple device models and platforms
- Optimizing IT investments

Private education institutions must adapt to the dynamic settings of today's learners with cost-effective, scalable, and secure solutions. Working with Lenovo, you get access to a world-class portfolio of products, services, and solutions that are designed with HED educators and students in mind.

You can always count on Lenovo as we tap into the expertise of technology partners such as Intel® and Microsoft, as well as our track record of IT deployment success to support your educators and students to connect and innovate - inside and outside the classroom.



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Smarter  
technology  
for all

Lenovo

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Software solutions  
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## **LanSchool**

Classroom management software

## **Lenovo NetFilter**

Make internet safety simpler

## **Absolute Software**

Endpoint visibility and control

## **SentinelOne**

AI-driven endpoint security

## **Lenovo Device Intelligence**

Online learning safety and effectiveness

## **Additional software solutions**

Microsoft CSP

Microsoft 365

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Veative

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Hardware  
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## **HED student devices**

Reliable and secure notebooks and desktops  
built for education

## **HED educator devices**

Innovative technology teachers and  
administrators can rely on

# 03

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## **Lenovo Device as a Service (DaaS)**



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# 01

## Software Solutions

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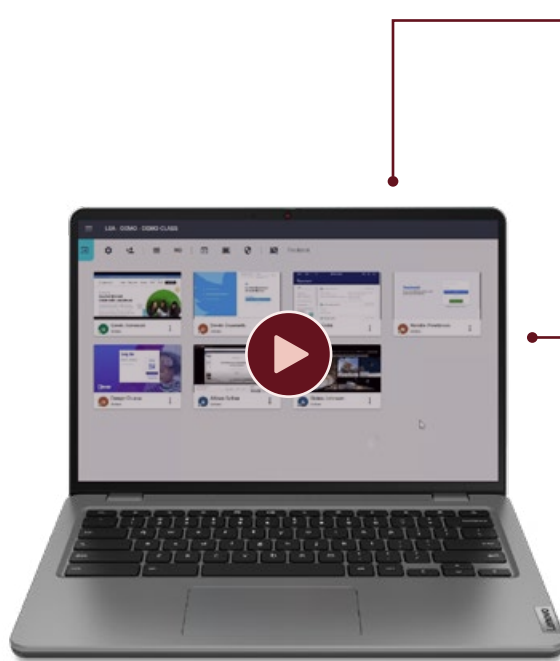
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# Transform teaching

Improve student engagement and create meaningful personalized learning with classroom management software LanSchool by Lenovo. Easy to integrate and implement, the solution is cloud-based, compatible with all OS, and optimized for the latest devices such as Lenovo ThinkPad X1 Carbon powered by up to Intel vPro®, An Intel® Evo™ Design with 13<sup>th</sup> Gen Intel® Core™ i7 processor and Windows 11 Pro.

As a pioneer and innovator in education, LanSchool has provided reliable, award-winning classroom management products for over 30 years.



**Shift classroom attention and maintain student focus by limiting web browsing to approved sites and disabling access during tests and quizzes:**

- Thumbnail and full-screen monitoring
- Blank screen
- Limit web browsing

**Maximize teaching time and prevent disruptions through features that enable seamless digital classroom activities:**

- Push website
- Snapshot students' screens
- Battery status
- Reporting

**Help students engage in vibrant discussions and sharing through features that enable exchange of ideas and collaboration:**

- Messaging
- Raise Hand
- Screen Sharing

“

**LanSchool gives our teachers the tools to turn a potential distraction into an important one-on-one teaching opportunity. It has transformed how we use digital devices in all of our classrooms.**

Chris Parker, Technology Coordinator

## Technical requirements:

- Optimized for devices powered by Windows 11
- Implemented through cloud-based or local hosting



Up to Intel vPro®,  
An Intel® Evo™ Design  
with 13<sup>th</sup> Gen Intel® Core™  
i7 processor



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# Keep students safer online

You are tasked with safeguarding faculty and students in online-learning environments. Your IT teams also need to protect your institution against viruses, spyware, phishing frauds, and ransomware.

Securing your borderless campus is a breeze with Lenovo Netfilter and devices that simplify remote security management such as ThinkPad X1 Carbon powered by up to Intel vPro®, An Intel® Evo™ Design with 13<sup>th</sup> Gen Intel® Core™ i7 processor and Windows 11 Pro.

**#1**

Education and research institutions were the top targets for cyberattackers in 2022<sup>1</sup>

**44%**

Increase in average weekly cyberattacks on education and research institutions from 2021 to 2022<sup>1</sup>

**2,297**

Cyberattacks on average against each education and research institution every week<sup>1</sup>



## Protect students, staff, and network

- Protect users from content in over 40 languages - with 10 interface languages.
- Real-time detection for dangerous new domains to protect students and staff from harmful content online.
- Safeguard your system from viruses, spyware, phishing frauds, and other forms of malicious code.



## Manage devices effectively

- Protection both on-campus and at home.
- Manage one or multiple schools through a single dashboard.
- Customize access to Facebook, Twitter, YouTube, and other social platforms.
- Compliant with data privacy and other regulations including the Internet Watch Foundation and Friendly Wi-Fi.



## Upgrade to enhance protection

- Upgrade to Lenovo NetFilter+ for enhanced student safety.
- Keyword monitoring for digital dangers, including cyberbullying, threats of violence, and suicidal ideation.
- Scheduled, customizable reporting and screen captures for admins.

### Technical requirements:

- Optimized for devices powered by Windows 11
- Integrates with: LDAP, Active Directory, eDirectory, Radius, Captive portal, Microsoft IIS, Authenticated Redirect Portal, and Single Sign On for Microsoft



Up to Intel vPro®,  
An Intel® Evo™ Design  
with 13<sup>th</sup> Gen Intel® Core™  
i7 processor



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# Simplify device management

Streamline security and IT asset management with Absolute, which gives IT teams unprecedented control over fleet devices, including the innovative ThinkPad X1 Carbon powered by up to Intel vPro®, An Intel® Evo™ Design with 13<sup>th</sup> Gen Intel® Core™ i7 processor and Windows 11 Pro.

The solution automatically collects hundreds of data points about your devices to understand usage and automate hardware inventory. Easily monitor installed software, assess security posture, and measure application health - with 365 days of historical logs - with a customizable dashboard with reports and alerts.



## Robust data collection

Get reports on over 100 data points per device, including geolocation, usage, and the health of essential applications.



## Cloud-based dashboard

View everything from a single pane of glass that's accessible off-network.



## Persistent visibility

See all devices and applications, even if configurations change or devices leave the network.



## Remote activation

Deploy Absolute remotely through common deployment tools like SCCM, Zendesk, and more.



## Software inventory

Automatically inventory all software assets. Correlate with lease reports to ensure optimal usage and compliance.



## Hardware inventory

Build an accurate inventory of all devices on and off your network. Drive better budgetary decisions with the usage data.



**Absolute and their Student Technology Analytics give us the ability to see how and when our devices are being used and correlate that information to student outcomes.**

Erik Greenwood, CTO at Anaheim Union High School District

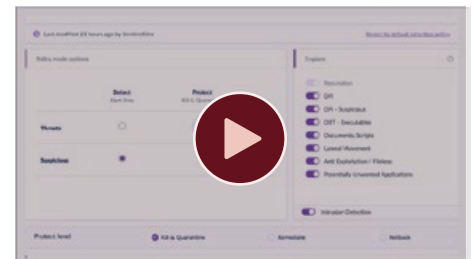
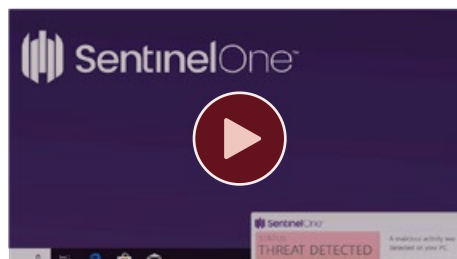
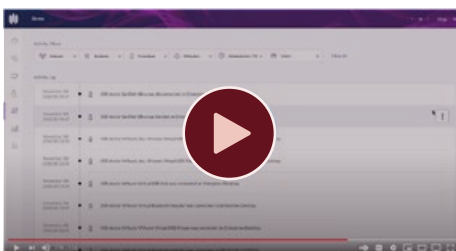
### Technical requirements:

- Windows 7, 8.1, or 10 (32 and 64 bit)

# Predict security threats

By combining industry leading Lenovo devices such as ThinkPad X1 Carbon powered by up to Intel vPro®, An Intel® Evo™ Design with 13<sup>th</sup> Gen Intel® Core™ i7 processor and Windows 11 Pro with AI-powered endpoint security, SentinelOne helps you outsmart cyberattacks and protect everything - all the time.

This easy-to-manage endpoint solution can predict, stop, and correct the effects of malware with autonomous threat responses that trigger protective actions in real-time. One-click remediation and recovery reverse unauthorized changes and restore any data affected by an attack.



## Visibility and control of attack surface

- Protect infrastructure from IoT attacks and compromised devices.
- No hardware or network changes.
- Manage device-based risk with Firewall Control and Device Control for USB and Bluetooth.

## Automated detection and remediation

- AI-based prevention and detection that acts in real-time.
- Automatic or 1-click remediation and rollback.
- Works without cloud connectivity.

## Centralized and flexible management

- Unify operations and administration with one agent and console.
- Easy to deploy and manage.
- Flexibility of custom administrative roles and site setup.
- Can be deployed as cloud SaaS, hybrid, or on-premises.

Watch video

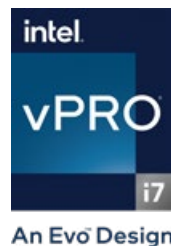
Watch video

Watch video

### Technical requirements:

- Optimized for Windows 11 and supports legacy Operating Systems such as Windows XP





Up to Intel vPro®,  
An Intel® Evo™ Design  
with 13<sup>th</sup> Gen Intel® Core™  
i7 processor



# Monitor device health

Improve end-user experience with people-centered technology such as ThinkPad X1 Carbon powered by up to Intel vPro®, An Intel® Evo™ Design with 13<sup>th</sup> Gen Intel® Core™ i7 processor and Windows 11 Pro, and Lenovo Device Intelligence Plus. With this AI-powered SaaS solution, your teams get even more analytical tools to measure performance, gain deeper insights into your device fleet, and increase employee productivity.



## Monitor and assess

- Proactive insights with fleet-level and device-level health scoring.
- Digital User Experience (UX) scoring.
- Productivity uptime analysis to help quantify the end-user experience.
- Hardware and software asset utilization tracking.
- Assessments of IT's impact on productivity.



## Analyze and resolve

- Recommended fixes for every issue (current and anticipated).
- Proactive alerts and severity level indicators to help prioritize what to fix first.
- Deep root cause and correlation analysis to diagnose systemic vs. isolated issues.
- Real-time, extensive application analytics.
- Options to automate fixes and mass-heal low-level issues.



## Predict and prevent

- Advanced predictive analytics to prevent failures and performance issues (hardware, blue screens of death, and software causing performance degradation).
- Automated, AI self-learning technology customized to each enterprise environment.
- Security risk assessment scoring.



## Optimize and improve

- Top factors impacting fleet health and user experience scores.
- Intuitive dashboards and trend analysis to assess problem areas.
- Track IT changes that impact productivity.
- Asset analytics to right-size hardware and software investments.

**95 hrs**

average time savings  
in a year<sup>2</sup>

**\$186k**

average service desk  
improvement savings<sup>3</sup>

### Technical requirements:

- Optimized for devices powered by Windows 11
- Special editions such as 10s or 10x are not currently supported

# Microsoft CSP for Education

With the Microsoft Cloud Solution Provider (CSP) Program, Lenovo helps manage IT spending lifecycle from consulting, integrating, billing, and provisioning to managing and supporting your cloud environment. Admins of the CSP program can add or remove Microsoft cloud subscriptions through the Lenovo eService portal, giving full control of subscriptions.



## Flexibility & scalability

Increase or decrease the number of license as business requirements change.



## Simplified management

Lenovo 'eService' allows you to easily manage your subscriptions anytime anywhere and view all your historical invoices from one single portal.



## Global support

Lenovo provides 24/7 support for subscriptions, billing, or portal access in all CSP-enabled markets.



## CSP managed services

Lenovo experts will help you design & deploy your cloud migration strategy that minimizes downtime.

# Microsoft 365

Create a more enriching blended classroom experience with productivity tools such as Microsoft Outlook, Word, PowerPoint, Excel, and OneNote, that allow educators and students to brainstorm and exchange ideas, facilitate discussions, and collaborate to create content together.

Customers in the Microsoft CSP for Education program can add, remove, or provision licenses anytime and receive them within seconds.

## Students

- Work together with real-time co-authoring, autosaving, and easy sharing in your favorite web apps, Word, PowerPoint, and Excel.
- Leverage Microsoft Teams to be more collaborative and engaged.
- Improve learning outcomes with features and tools that support reading, writing, math, and communication.

## Teachers, faculty, and staff

- Stay connected with your colleagues through Class, Staff, and PLC Teams and OneNote Notebooks.
- Inform and engage with communication sites and team sites throughout your intranet using SharePoint.
- Stay protected with rights management, data loss prevention, and encryption.

### Technical requirements:

- Optimized for devices powered by Windows 11

# Next-generation antivirus and malware protection

Windows Defender is Microsoft's anti-malware software. Defender works with Windows Update to automatically install new virus definition files as they are published and provide computers using the Microsoft operating system (OS) with both real-time and anytime scanning options.



## Threat protection policies

Define threat-protection policies to set the appropriate level of protection for your organization.



## Reports

View real-time reports to monitor Defender for Office 365 performance in your organization.



## Threat investigation and response capabilities

Use leading-edge tools to investigate, understand, simulate, and prevent threats.



## Automated investigation and response capabilities

Save time and effort investigating and mitigating threats.

### Technical requirements:

- Optimized for devices powered by Windows 11

# Mobile device & endpoint management solution

Mobile Device and Endpoint Management for 360-degree monitoring and security of your device fleet line pattern.

A solution that is known for its simplicity and ease of use. A support team that offers the best customer experience throughout your device management journey.

**50+**

original equipment manufacturer (OEM) partnerships

**9+**

years of experience in giving your IT team their peace of mind and securing your data

**8000+**

the number of enterprises across the globe that have laid their trust in us

**120+**

countries covered and ready to reach you anywhere and everywhere

**200+**

channel partners including distributors and resellers

**Million+**

devices are already managed by Scalefusion

## Technical requirements:

- Optimized for devices powered by Windows 11

# Interactive online content for education – accessible from anywhere

Step into the future of education with powerful Lenovo devices like ThinkPad X1 Carbon running on up to Intel vPro®, An Intel® Evo™ Design with 13<sup>th</sup> Gen Intel® Core™ i7 processor and Windows 11 Pro, and immersive learning solution Veative. Comprising the world’s largest library of interactive, curriculum-aligned AR/VR modules for STEM, ELL and virtual tours, Veative can be tailored to meet the unique needs of your students and educators.



## VR reimagines the learning experience

Through aural, visual, and tactical learning combined, VR technology enables students to practice skills in real-world scenarios within controlled virtual environments. This allows Higher Education institutions to craft immersive educational experiences tailored to each individual student.



## Control your virtual classroom

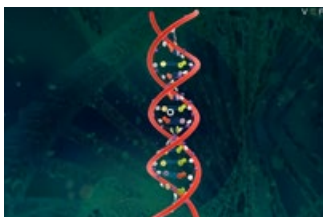
It’s easy to monitor students and launch apps and content across your headsets and devices with the included content management tools. The online portal puts you in charge of your classroom – in school or remotely.

### Access extensive STEM modules with Veative.

**When you upgrade to the Veative Full Suite License, you’ll get access to more than 500 STEM modules.**

From transporting history students right back to the Roman ruins to diving into the anatomy of a neuron and even taking a trip down the digestive system – the possibilities for immersive education are near endless.

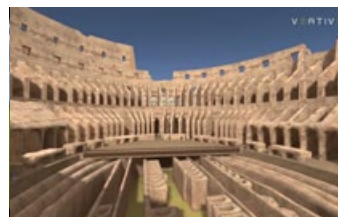
These standards-aligned modules feature assessments



Structure of DNA



Electromagnet



The Colosseum



Normal Distribution

#### Technical requirements:

- Optimized for devices powered by Windows 11



# 02

## Hardware

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# HED Student



## Lenovo ThinkPad E14 Gen 4

### Hassle-free and productive learning

Excel in everyday learning in the classroom and beyond with the powerful, durable, and secure ThinkPad E14 that comes with a wide range of ports needed for peripherals and better collaboration. Dual mics and a hybrid FHD + IR webcam help create a more immersive hybrid classroom experience.

- 12<sup>th</sup> Gen Intel® Core™ i7 processor
- Up to Windows 11 Pro
- 512 GB SSD
- 14" display, up to WUXGA+
- WiFi 6E and Bluetooth® 5.0



## Lenovo ThinkPad L14 Gen 4

### Your learn-from-anywhere partner

Inspire creativity and engage in meaningful learning virtually anywhere with the reliable and secure ThinkPad L14 Gen 4. Keep student health in the forefront even as they stay online with Glance software that delivers posture alerts and reminds them to look away from the screen to refocus their eyes.

- Intel vPro® with 13<sup>th</sup> Gen Intel® Core™ i7 processor
- Up to Windows 11 Pro
- 256 GB SSD
- 14" display
- 4G WWAN & WiFi 6E options



Intel vPro® with  
13<sup>th</sup> Gen Intel® Core™ i7  
processor



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# HED Student



## Lenovo Workstations

Push the limits of productivity and engage more effectively in a digital learning environment with our ISV-certified ThinkStation and ThinkPad P series devices running on Intel® Core™ processors and Windows 11 Pro are engineered for power, performance, and industry-leading reliability.

### Architectural Engineering and Construction

A powerful platform for students to create, model, and design modern structures with applications such as CAD, CAE, and CAM.

### Media and Entertainment

Empowering aspiring creatives to iterate faster, create groundbreaking visuals, and bring their creative visions to life.

### Data Science and AI

Make learning more efficient by reducing time spent on data processing tasks so students can focus on data analysis and exploration.



## Lenovo ThinkCentre Series

Give students more flexibility in the way they learn and more opportunities for growth with ThinkCentre desktops. Powered by Windows 11 Pro, they are ideal for students with high-powered, focused needs, including aspiring programmers, architects, and engineers.

### Performance

No matter how big the project, handle it efficiently with Intel® vPro® processors, ultra-fast memory and stunning graphics.

### Expandability

Easy to deploy, manage, and upgrade, so that you can tailor it to meet changing needs and maximize IT investment.

### Security

Stay protected with end-to-end ThinkShield and other built-in security features, from secured-core PCs to self-healing BIOS.



Built for Business Intel vPro® platform



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# HED Educator and Administrator



## Lenovo ThinkPad E Series

Delivering solid performance, the value-focused ThinkPad E Series is a budget-friendly choice for teachers and administrators. With legendary ThinkPad durability and integrated security features like the webcam privacy shutter, the ThinkPad E Series enables uncompromised learning from anywhere.

### Performance

Touting the latest Intel® processors, up to 16GB of memory and Windows 11 Pro, powering through the school day is no problem.

### Connectivity

Intel® Wi-Fi 6 capability means student-teacher connections stay strong whether learning is in class, from home, or a combination of both.

### Security

A combination of integrated hardware and security features helps protect data in today's hybrid education environment.



## Lenovo ThinkPad L Series

The ThinkPad L Series combines productivity and portability in an array of high-value education laptops and 2-in-1s that offer something for everyone. Enhancements in processors, graphics, ports, and wireless connectivity options combined to offer impressive performance and a better user experience ideal for today's learn-from-anywhere world.

### Performance

Educators power through the day with up to 11th Gen Intel® Core™ i7 vPro® processors, Windows 11 Pro, ample memory and storage, and stunning graphic options.

### Connectivity

Faster connections, plenty of ports, and Modern Standby keep teachers and students connected in and out of the classroom.

### Security

These devices stay secure with Window Hello™, Touch Fingerprint Reader, and webcam privacy shutter, plus integrated ThinkShield solutions.



Intel® Core™ i7 vPro® processor



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# HED Educator and Administrator



## Lenovo ThinkPad X1 Series

Combining innovation, purposeful design, and uncompromised performance to help teachers and administrators stay productive and collaborative from anywhere. Choose from ultralight laptops and 2-in-1s, to extreme power machines, to the world's first foldable PC.

### Performance

Powered by Intel vPro®, An Intel® Evo™ Design, Windows 11 Pro, faster memory, and cutting-edge connectivity options.

### Connectivity

Up to quad-array digital microphones with noise cancellation, and FHD webcams take videoconferencing to the next level.

### Security

AI-based security and integrated hardware protection to keep teachers, students, and their data safe.



## Lenovo ThinkBook Series

With the premium collaboration features – such as videoconferencing, screen-sharing and connectivity – that ThinkBook series offers, you can easily create immersive digital classroom experiences that elevate learning outcomes.

### Performance

Speed-of-thought processing that ensure no speed bump to your productivity with Intel® Core™ processors and Windows 11 Pro.

### Connectivity

High-speed wireless connectivity and AI-powered features ensure collaborative interaction and continuity from anywhere.

### Versatility

Adapt and thrive in any hybrid classroom environment with devices that provide multimode flexibility and a variety of input options.



Intel vPro®,  
An Intel® Evo™ Design



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A photograph of two young women smiling and looking at a laptop screen. The woman on the left has curly brown hair and is wearing a blue denim shirt and large red feather earrings. The woman on the right has dark hair, wears glasses, and a red top. The background is a bright, out-of-focus indoor setting.

# 03

## TruScale Device as a Service (DaaS)

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# TruScale Device as a Service (DaaS)

Scale up hybrid learning and implement the latest technologies without heavy burden on cashflow with Lenovo, a trusted partner committed to supporting every stage of your growth and digital transformation.

With Lenovo TruScale Device as a Service (DaaS), you get a cost-effective way of maintaining up-to-date technology and delivering a secure, modern classroom environment. Easily procure, manage, and ensure a consistent and reliable supply of quality devices and supporting solutions for staff and students.

- **Tailored to your unique needs**  
Customizable range of services, software, and devices on a flexible, scalable agreement
- **Lower total cost of ownership**  
Pay for what you need, when you need it, and achieve a 1:1 device ratio without making a large up-front investment
- **End-to-end lifecycle management**  
Services include configuration, deployment, device management, warranty repairs, and secure asset disposition
- **Built-for-education devices**  
Easy-to-use solutions powered by Intel® Core™ processors and Windows 11 and protected with ThinkShield to keep faculty and student resources safer, wherever they're working
- **Keep sustainability in mind**  
Manage your carbon footprint, extract value from the supply chain, and embrace the circular economy



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# Get your guide to building a Smarter classroom

Enable more productive and engaged learning with our range of smarter collaboration solutions designed to power coursework in any discipline. From hybrid learning and teaching to even one-to-one training sessions, Lenovo makes it easy for you to create the hybrid classroom that suits your unique needs.



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# Contact us

To find out how the Lenovo ecosystem of education solutions can help you empower a new generation of students, get in touch with us.



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**Sources:**

1. CheckPoint Research: Cyberattack Trends 2022 Mid-Year Report
2. Actual saving may vary depending on your specific environment.
3. Actual savings will vary.
4. Lenovo DuraSpec testing methods include 360cc water spill test, 76cm drop on concrete and 60kg force exerted on top cover.

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technology  
for all**

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