



Higher Education (HED) Buyer's Guide

 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 breaks down barriers and fosters equitable learning experiences.

With the proliferation of technology, schools are met with new challenges.

- **Endpoint and network protection**
- **Engaging students and making learning accessible in a hybrid setting**
- **Optimizing investments in education technology**

Higher education institutions must adapt to the dynamic settings of today's learners with flexible, scalable, and secure solutions. Working with Lenovo, you get access to a world-class portfolio of services, solutions, and products powered by Windows 11, that are designed with educators and students in mind. You can always count on Lenovo as we tap into the expertise of our technology partners, including Microsoft and 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

Pages 4-13

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

Windows Defender

Scalefusion

Veative

02

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



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01

Software Solutions

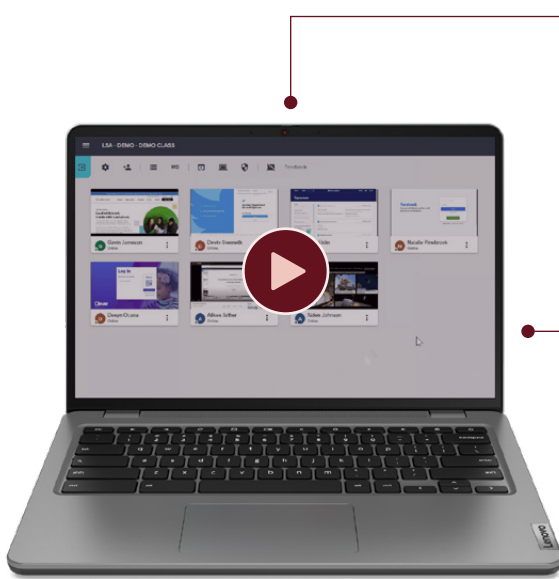
 **Windows 11**

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Transform teaching

Improve student engagement and create meaningful personalized learning with classroom management software LanSchool by Lenovo. Cloud-based and compatible with all OS and mixed-device environments, the solution is easy to integrate and implement. 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

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.

#1

Education and research institutions were the top targets for cyberattackers in 2022¹

44%

Increase in average weekly cyberattacks on education and research institutions from 2021 to 2022¹

2,297

Cyberattacks on average against each education and research institution every week¹



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

Simplify device management

Automatically collect hundreds of data points about your devices to understand usage and automate hardware inventory. A customizable dashboard with reports and alerts helps IT teams monitor installed software, assess their security posture, and measure application health - with 365 days of historical logs.



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

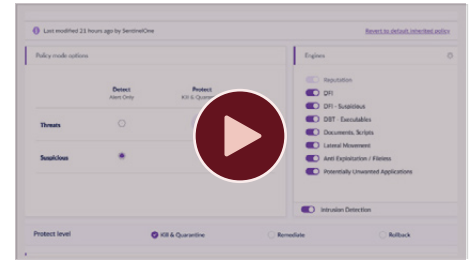
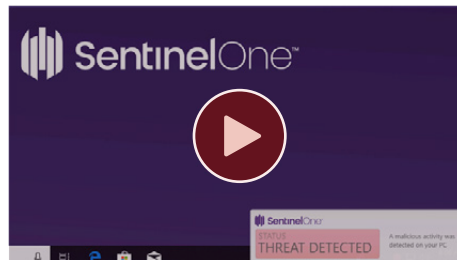
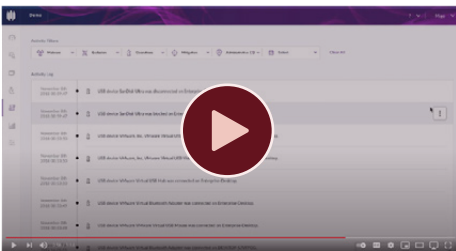
Technical requirements:

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

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Predict security threats

Replace legacy antivirus with an easy-to-manage endpoint solution. 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

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Monitor device health

Lenovo Device Intelligence Plus is an AI-powered SaaS solution that identifies critical issues across the fleet. LDI gives your teams even more analytical tools to measure performance and gain deeper insights into your device fleet, improving end-user experience.



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 year²

\$186k

average service desk
improvement savings³

Technical requirements:

- Optimized on Windows 11

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 on 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 on 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 on Windows 11

Interactive online content for education - accessible from anywhere

Veative offers an immersive learning solution comprised of the world’s largest library of interactive, curriculum-aligned AR/VR modules for STEM, ELL and virtual tours. This solution 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.

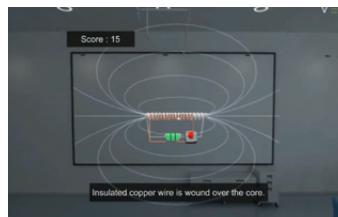
When you upgrade to the Veative Full Suite License, you’ll get access to more than 500 STEM modules.

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.

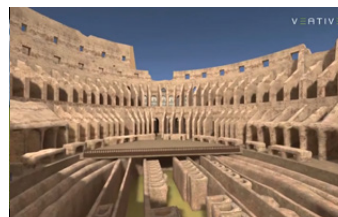
These standards-aligned modules feature assessments



Structure of DNA



Electromagnet



The Colosseum



Normal Distribution

Technical requirements:

- Optimized on Windows 11



02

Hardware

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HED Student

Lenovo 10w Tablet

A versatile tool for everyday learning



Operating on Windows 11 on Snapdragon™, the Lenovo 10w enables students to breeze through a full day of learning activities including classroom discussions, content creation, and even group presentations. In addition to its new 180-degree hinge, detachable keyboard, and tablet-housed garaged pen, this transformable device now includes a trackpad for elevated usability.

- Qualcomm® Snapdragon™ 7c Gen 2 compute platform optimized for tablets
- Always-connected Windows on Snapdragon™ platform
- MIL-SPEC and EDU compliance
- High-resolution 2MP FHD user-facing camera
- 8MP world-facing camera

Lenovo 100w Windows Gen 4

Unlock the power of creativity and collaboration



Lightweight and designed for on-the-go learning with Lenovo modern preload, the latest generation of the Lenovo 100w Windows is faster and easier to use than ever. With the 11.6" anti-glare display, 180-degree flat hinge, and fast UFS storage, the learning experience is further elevated.

- Intel® Processor N100
- Up to Windows 11
- 720p front-facing camera with privacy shutter
- Up to 8GB LPDDR5
- New Lenovo DuraSpec standards⁴



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HED Student

Lenovo 500w Gen 3

Perfect for today's agile learners



Maintaining meaningful connections is key in today's learn-from-anywhere environment, and the Lenovo 500w Gen 3 is the perfect tool. This lightweight, convertible laptop comes with features like the 720p HD front-facing and an optional 5MP world-facing camera to foster better collaboration and interactive learning. Safe and tough by design, including Windows 11 built-in security and privacy features, this device ensures that learning won't stop.

- Intel® Pentium® N6000 processor
- Wi-Fi 6 and 4G/LTE capability
- 11.6" HD IPS touch display
- Up to 128GB internal storage
- Integrated Intel® UHD graphics

Lenovo 500w Yoga Gen 4

Never hit pause on learning



Lightweight and versatile, this 360-degree laptop boasts a larger and unique industry display with WUXGA IPS touchscreen to deliver an elevated hybrid learning experience. Plenty of ports mean students and educators can expand their experience with all the accessories they need, while Dolby Audio dual speakers and mics help bring video collaboration to life.

- Intel® Processor N100 or N200
- Up to Windows 11
- Up to 8GB LPDDR5
- 12.2" 16:10 IPS touch display
- New Lenovo DuraSpec standards ⁴



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HED Educator and Administrator

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 AMD Ryzen™ or Intel® processors and up to 16GB of memory, 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.

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, 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.



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HED Educator and Administrator

Lenovo 13w Yoga

Versatile performance for modern education



Built on the new Windows 11 platform and packed with next-gen AMD Ryzen™ processors, the Lenovo 13w Yoga supports students across every hybrid learning environment. Upgradable memory and storage options easily adapt to increased workloads, while an array of ports and connectivity options offer faster connectivity for virtual lessons and collaboration.

- 13.3" FHD IPS Touch with 16:10 ratio
- MIL-STD 810H durability
- Powered by up to AMD Ryzen™ R7 Series Processor
- Up to 16GB DDR4 memory
- 51 WHr battery



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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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