

Lenovo  
Education

# Lenovo Education solution guide

Smart, innovative  
solutions for improved  
learning outcomes



Lenovo recommends  
Windows 10 Pro for Business.

Choose from the latest Lenovo devices  
with the built-for-business Intel vPro®  
platform and Microsoft Windows 10 —  
and focus on teaching and learning  
priorities instead of IT management.

Smarter  
technology  
for all

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## CONTENTS

<b>Education challenges and imperatives</b>	<b>3</b>
<b>Empower the future of learning</b>	<b>6</b>
<b>Equip teachers and students</b>	<b>10</b>
<b>Protect the vulnerable</b>	<b>13</b>
<b>Transform the learning experience</b>	<b>16</b>
<b>Take it easier with Lenovo Services</b>	<b>20</b>
<b>Into the future</b>	<b>22</b>

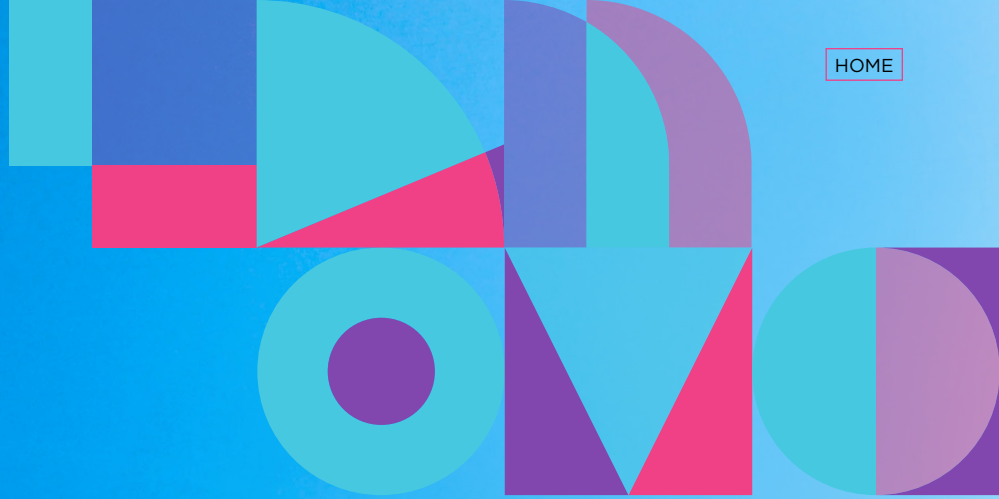
Lenovo solutions include devices running Windows 10 Pro on the built-for-business Intel vPro® platform.



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# Today's education challenges and imperatives



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# Windows 10

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Like every segment of society, education changed dramatically and quickly in 2020. K-12 education leaders responded.

In some areas, there was an acceleration in distance and hybrid learning initiatives already in place. Others quickly defined processes using the tools and technology at hand. It was a heavy lift for everyone — students and their families, teachers, and administrators.

These leaders deployed devices that would be used outside school networks and by people with varying degrees of technical experience and ability — two substantial hurdles. Addressing these hurdles called for a mobilization of personal computers, videoconferencing equipment, and other devices, putting an unprecedented burden on school technology leaders.

**More than a year later, some issues still present challenges (and also opportunities).**

Together with our partners, Lenovo responded with simple, secure solutions designed to ease the IT burden — like Windows 10 devices for teachers and administrators powered by the built-for-business Intel vPro® platform.



## Cybersecurity

Safety of students, devices, and data remains near the top of the IT priority list. Ransomware attacks have increased significantly.<sup>1</sup> And student safety is a big concern on multiple fronts: cybercrime, cyberbullying, privacy violations, and access to dangerous internet content. Devices with the strong security features of Windows 10 and the built-for-business Intel vPro® platform help IT combat these threats.

## Equitable learning

The digital divide brought to light in 2020 proved to be wider than many expected. Some 30% of all public K-12 students do not have adequate internet access or devices for online lessons. What's more, neither do hundreds of thousands of teachers.<sup>2</sup> In many regions, school systems and whole communities do not have reliable connectivity.

Teachers and IT departments are managing the proliferation of new digital tools and devices, but 87% say they are spending more time managing technology.<sup>3</sup> This leaves teachers with less time to spend with students; IT teams are potentially shortchanging other priorities.

## Student engagement

While some students thrive in an online learning environment, others find it harder to focus amid new distractions and different learning formats.

As disruption subsides, the next normal is likely to include at least some online learning. This is actually good news, as flexible learning environments are needed for educational continuity and personalized learning.

Technology companies are developing solutions that take challenges like these into consideration. As education continues to evolve, innovative solutions will play a key role in creating classrooms where teachers and students thrive, wherever those classrooms might be.



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# Inspire and empower the future of learning

Lenovo solutions include devices running Windows 10 Pro on the built-for-business Intel vPro® platform.



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## We believe...

Education is the foundation of a better future —

breaking down barriers, fostering equality, lifting the next generation through opportunity.

Learning requires technology that creates a safe, accessible, collaborative experience to empower teachers and inspire students.

Innovation requires curiosity to spark the imagination and anticipate the challenges ahead.

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## Our mission...

To inspire and empower the future of learning.

We do this in three ways:

**By empowering** and supporting IT leaders with solutions built specifically to address the unique needs and challenges of K-12 education.

**By inspiring** teachers with safe, easy-to-use technology wherever learning happens.

**By accelerating** the future of learning with innovative, forward-looking technology that prepares students for higher education and for life.

Our K-12 solutions support this mission, delivering Windows 10 devices for teachers and administrators powered by the Intel vPro® platform with business-class performance for the classroom.



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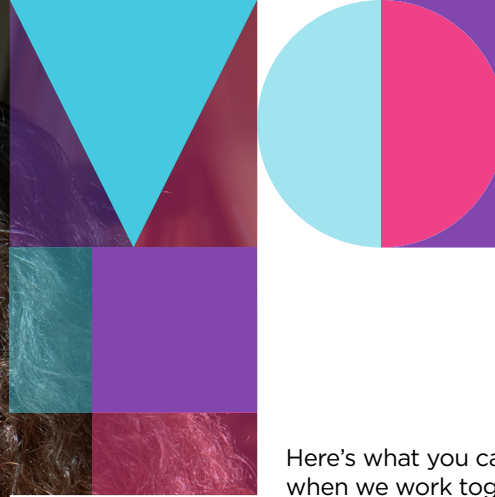
We are the world's leading manufacturer of computers for education.

But today's complexities demand more than off-the-shelf devices. Partnering with the industry's best, we design flexible solutions with platform choice. Tailored to your use cases, they make your job easier and power better learning outcomes.

This portfolio guide introduces you to Lenovo's built-for-education solutions, including those powered by Windows 10 and the Intel vPro® platform — with business-class performance for the classroom.



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Here's what you can expect when we work together:



**Vision.**  
A long-term commitment to the future of education



**Partnership.**  
A close working partnership to assess your needs and meet them



**End-to-end solutions.**  
Interoperable hardware, integrated software, and end-to-end services



**End-to-end ecosystem.**  
Strong industry partnerships with leading innovators like Microsoft and Intel,® plus a network of trusted ISVs



**Innovation.**  
Built on two decades of pioneering education technology and a deep understanding of use cases and stakeholders



**Leadership.**  
The quality, reliability, technology leadership, and global reach of the Lenovo brand



# Built-for-education digital tools for everyone

Lenovo solutions include devices running Windows 10 Pro on the built-for-business Intel vPro® platform.



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At the heart of our education solutions are Lenovo made-for-education devices.

For students, we offer a range of tablets, desktops, and laptops built specifically to withstand the rigors of daily use in and out of the classroom.

We also offer a range of workstations for STEM-specific coursework with full ISV support, as well as small form factor PCs for tight spaces.

For teachers, administrators, and IT teams who need more performance or remote manageability, devices powered by the Intel vPro® platform with business-class performance for the classroom and Windows 10 handle more compute-intensive applications.



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### Featured device: Perfect for students Lenovo 500w Gen 3 convertible laptop

- Powered by up to Intel® Pentium® Silver with Windows 10
- 11" 2-in-1 laptop built for the future of education
- 360-degree hinge for comfortable and convenient modes
- All-day battery life
- Touchscreen with Pencil Touch technology
- Built to endure rugged and tough environments
- Integrated security and simplified device management
- Features perfect for learning both in and out of the classroom



### Featured device: Ideal for IT, teachers, and administrators ThinkPad® T Series notebooks with Windows 10 Pro

- Intel® Core™ i7 vPro® processor with business-class performance for the classroom
- Integrated ThinkShield security features
- Modern Standby and improved Wi-Fi
- Durable, lightweight, and powerful
- Ideal combination of both productivity and learning
- Perfect for sharing and creating content in the modern classroom



## Dress your solutions for success

### Visuals and accessories

#### Build learn-from-anywhere solutions to meet your specific needs.

Lenovo ThinkVision® monitors deliver a beautifully clear picture while also protecting the eyes. With streamlined design and simple cable connections, you'll get form and function plus the option to take a full-size monitor along when classrooms change locations. We offer a range of models, from high-performing to value-focused, to fit varying display and budget needs.

We also offer accessories including mice, headsets, webcams, and speakers that deliver vibrant learning experiences whether students are in school or at home. And protective cases and made-for-education backpacks take devices safely everywhere learning takes place.

Lenovo monitors and accessories add value to our solutions, including those powered by the built-for-business Intel vPro® platform and Windows 10 — increasing engagement and delivering business-class performance for the classroom.



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# Protect the vulnerable

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Remote desktop protocol (RDP) use increased

87%

the course of one school year.<sup>3</sup>

Education accounts for

60%

of all malware attacks.<sup>4</sup>



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### Student safety

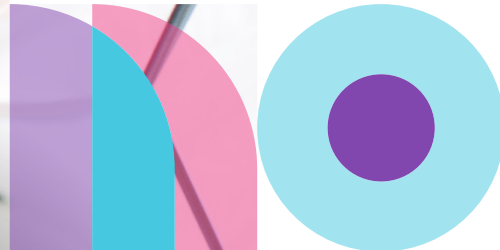
As the role of the internet in the classroom and at home grows and schools shift to cloud-based technologies, security threats multiply. Lenovo solutions help safeguard the learning experience, giving teachers and administrators peace of mind.

LanSchool by Lenovo classroom management solutions give teachers visibility and control of students' online activities. Powerful CIPA-compliant content filtering and sophisticated, AI-driven software from Lightspeed Systems flag and block inappropriate material and combat cyberbullying.

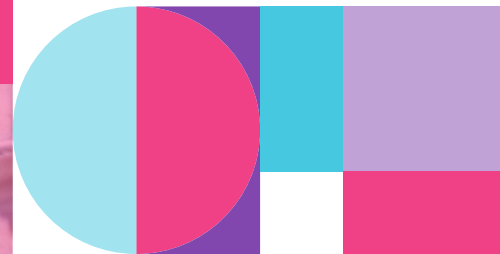
### Built-in security

Protection is a Lenovo Education priority. We bring together a suite of built-in applications for hands-off endpoint and data protection and manageability. And Lenovo ThinkShield AI-powered security solutions are built into all Lenovo education devices. Lenovo Windows 10 devices have built-in, always up-to-date\* safeguards that protect both student and teacher devices and information, giving everyone more peace of mind. And devices with the built-for-business Intel vPro® platform add even more security features.

\*For the supported lifetime of the device. Additional hardware and/or software requirements may apply over time for updates.



RDP connections are a popular way for ransomware attackers to break into school systems.





## Software: Endpoint and data protection

### Partners:



**Absolute.**<sup>®</sup>  
Manage and secure devices with a persistent, undeletable connection



**SentinelOne.**<sup>®</sup>  
Protect your networks with AI-driven cybersecurity solutions



**BUFFERZONE.**  
Isolate internet applications and contain cyberattacks

## Accidental Damage Protection (ADP)

Accidents happen. With unlimited repairs, you can minimize downtime and keep students engaged and learning.



Protects devices from non-warranty damage



Saves up to 80% compared to repair or replacement costs

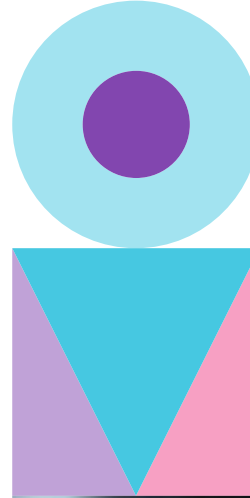


Covers damage from accidental drops, spills, bumps, structural failures, electrical surges, and damage to the integrated LCD screen

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# Transform the learning experience

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## Digital curriculum resources

Whether in class or at home, digital learning resources are a growing mainstay of K-12 education. We partner with leading education software developers to provide digital resources that enrich curriculum, engage students, and foster creativity. These applications are simple to activate, easy to use, and offer both self-paced and collaborative activities.

### Featured solution: Microsoft Learning Tools

Combining Lenovo built-for-education Windows 10 laptops and Microsoft's assistive technology and cognitive services, learning from anywhere becomes thriving from everywhere.

- Collaborative learning with device and software features plus bundled Lenovo hybrid classroom solutions for Microsoft Teams Rooms
- Easy setup and reset with Windows Autopilot plus cloud-based management
- Confident reading, writing, and learning with Immersive Reader, Text Predictions, and Focus Assist
- Preference accommodation and deeper learning with pen and touch capabilities

## Hybrid learning

Videoconferencing brings the classroom to life online for students learning in a hybrid environment. Together with our partners, Lenovo offers solutions to connect students with teachers (and each other) safely and securely.

### Featured solution: Hybrid classroom with ThinkSmart Hub

ThinkSmart Hub is an all-in-one Microsoft Teams Rooms system that helps students and teachers connect, share, and collaborate seamlessly and securely. Powered by the built-for-business Intel vPro® platform, the Hub is easy to use and includes remote management capabilities through Lenovo's custom-built ThinkSmart Manager software. Want a rich experience for both remote and in-person learners? Combine the ThinkSmart Hub with the new ThinkSmart Cam, the first AI smart camera from Lenovo, and ThinkSmart Bar premium audio bar.

## Spotlight on Microsoft Teams

Support synchronous and asynchronous instruction with videoconferencing and collaboration tools. Microsoft Teams works seamlessly with the ThinkSmart Hub, powered by the built-for-business Intel vPro® platform. It's simple to use and offers multiple ways for teachers, administrators, and students to collaborate.

- Videoconferencing
- Content management
- Gradebook
- Collaboration groups
- Chat
- Professional development

**44%** of teachers cite instructional continuity as a key challenge.<sup>5</sup>



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## Classroom management

As classrooms change, Lenovo is there with solutions that make teachers more productive and inspire learners in an evolving education landscape. We offer a full suite of versatile monitoring, communication, and device management tools, running on teacher devices with Windows 10 Pro on the built-for-business Intel vPro® platform to support and direct learning, wherever it takes place. At Lenovo, we work with our partners to deliver classroom management systems with a range of features, keeping remote and in-class learners engaged and on task. These cloud-based applications are easy for technology leaders to deploy, integrate, manage, and scale.

### Featured solution: LanSchool by Lenovo

The LanSchool by Lenovo suite of solutions enables 1:1 learning experiences and powerful collaboration in connected classrooms. The cloud-based classroom management solution helps educators deeply engage with students. It's compatible with all operating systems and mixed-device environments. And it's flexible and scalable.



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## Forward-looking teaching and learning solutions

As a global leader and innovator, Lenovo is at the forefront of emerging technology. Our knowledge and experience with the burgeoning field of virtual reality (VR) sparked the addition of a VR platform to our education portfolio.

### Featured solution: Lenovo VR Classroom

Virtual reality technology provides an immersive education experience, expanding lessons beyond books and classroom walls. VR Classroom is a seamless combination of hardware, content, device management, and support. VR Classroom allows you to easily integrate virtual reality lessons into your curriculum, from STEM modules to real-world applications. Teachers and students can even add their own content. VR Classroom includes a first-of-its-kind VR career guidance experience from Dev Clever.

Device management with Lenovo's ThinkReality platform and LanSchool by Lenovo software allows for remote management and control of all devices from a single source.





### Fun while building life skills

It's widely recognized that social and emotional learning (SEL) is a vital part of educating today's students. Lenovo promotes and advises on esports programs that foster skills like teamwork and problem solving. We also offer a platform for teacher-guided, highly engaging social learning experiences from Exploros™ that includes an ISTE-aligned curriculum powered by teacher devices running Windows 10 Pro on the built-for-business Intel vPro® platform.

### Featured solution: Esports

As esports grow in popularity, more high schools are designing and launching these programs. Esports give students who don't participate in traditional sports an inclusive way to gain solution-finding and team-building skills and boost self-confidence. Lenovo delivers a consultative end-to-end offering from design and construction to operations management and products, led by an esports expert. We also offer a range of gaming chairs, desks, accessories, and peripherals to complete your esports environment.

The High School Esports League (HSEL) has more than 2,100 partner schools and more than 60,000 student participants across the US and Canada.<sup>6</sup>

**For the performance esports competitors need, choose from super-charged Lenovo gaming laptops like the Legion 7i with the 11th Gen Intel® Core™ i7 processor and Windows 10 Pro.**



Gaming happens with Intel®

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# Take it easier



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## Premier Support

Premier Support delivers uptime for your users, peace of mind for you, and less stress for your in-house help desk. Get advanced troubleshooting from dedicated live technicians committed to timely, accurate problem resolution.

- Advanced technical support, 24x7x365, in more than 100 markets
- Comprehensive hardware and OEM software support<sup>a</sup>
- Single point of contact for simplified end-to-end case management
- Technical account managers for proactive relationship and escalation management
- Priority on service delivery<sup>b,c</sup> and repair parts<sup>c,d</sup>
- Lenovo Service Connect Portal for customized reporting and product support<sup>c,e</sup>

**91%** of Premier Support customers indicate they would purchase again.



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## Lifecycle services

Lenovo is with you from device pre-purchase to end of life. We offer services for each phase of your solution's lifecycle.

- **Planning.** Strategy, assessment, and personal consultation
- **Configuration.** Customized hardware and software setup
- **Deployment.** Services to maximize productivity
- **Managed.** Help desks, security and compliance monitoring and management
- **Asset recovery.** Maximizing residual value while ensuring data security and environmental compliance

## Refreshingly simple Device as a Service (DaaS)

Take the next step to seamlessly enable your educators and let us take care of everything else. Lenovo DaaS for Education supplies devices and manages their lifecycles so you can focus on other priorities.

- Affordable monthly payments
- Education-specific software and solutions
- Flexible service support
- DaaS for esports
- Add/remove/pause devices from your plan or pause service as needs change
- Choose from the latest Lenovo devices with the built-for-business Intel vPro® platform and Microsoft Windows 10
- One affordable, predictable monthly fee

<sup>a</sup> Support limited to select software applications on a best-effort basis. Does not include how-to or technical assistance for enterprise software applications or custom, industry-specific software.

<sup>b</sup> If Lenovo determines the issue is covered by warranty and cannot be resolved over the phone or through a customer replaceable part, repair will be made onsite where service is available. Otherwise, best available service delivery will be used. Calls received after 4:00 p.m. local time will require an additional business day for service dispatch.

<sup>c</sup> Not available in all markets.

<sup>d</sup> Out of stock parts could delay service delivery.

<sup>e</sup> Various levels available. Select criteria apply. Contact your local sales representative for more details.



# Into the future

Lenovo is out front — an education technology leader with the curiosity and commitment to anticipate and meet tomorrow's challenges. We are accelerating an exciting future with continuous innovation — including innovation powered by the Intel vPro® platform and Windows 10, bringing business-class performance to the classroom — that helps us guide our customers and spur the evolution of teaching and learning.

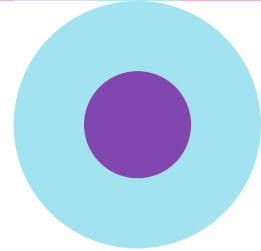


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Partner with Lenovo to inspire and empower the future of learning.

Learn more at [www.lenovo.com/Education](http://www.lenovo.com/Education).

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- 2 Common Sense and Boston Consulting Group, "Closing the K-12 Digital Divide in the Age of Distance Learning," 2020
- 3 Absolute, "Distance Learning's Impact on Education," 2020
- 4 Microsoft, "Global Threat Activity," 2020
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- 6 Edutopia, "Diverse Students Find a Home in Esports," January 2021

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