



Microsoft Surface in K-12 Education

Enable equitable education



Flexible technology that adapts at the pace of AI

AI is transforming teaching, learning, and research, therefore having the right device strategy will be critical to executing a successful AI strategy within your institution.

Ways modern devices create educational value

- 01 Devices shape how instruction and learning happen, influencing productivity and outcomes.
- 02 Having an endpoint protected from chip to cloud ultimately helps to protect identities and data.
- 03 An AI strategy requires devices that are future-ready and capable of meeting advanced demands.



Accelerate learning & prepare students for the future

Empower faculty and students with the right devices to create and consume immersive learning experiences, including AI.



Simplify and secure IT

Protect your people, data, and endpoints and safeguard against attacks with a unified management strategy and chip-to-cloud security.



Improve efficiency

Empower your institution to capitalize on the future with technology built for what's next.

Enabling Equitable Education for All



There is no better time to reimagine education and how technology can support that transformation."

Satya Nadella,
CEO, Microsoft

Meet Surface

Powerful for faculty and students.
Streamlined for IT.
Secure for all.

Performance with the agility to adapt to how faculty and staff teach and work

Proactive protection that can help reduce malware risk and other attacks*

Future-ready to incorporate new AI apps and digital learning resources



Surface Pro and Laptop, Copilot+ PCs



Surface Laptop Studio 2



Surface Hub 3



Accelerate learning & prepare students for the future

Take full advantage of new AI capabilities immediately with powerful local AI processing and devices built with Microsoft Copilot¹ in mind.



Simplify and secure IT

Integrated protection and streamlined management empower you to adopt AI with peace of mind.



Improve efficiency

Amplify AI investments by integrating hardware and software to power new experiences and efficiencies.

"Surface gives you everything you need to be successful, whether you're in fifth grade or the superintendent of the district."

— Matt Vrlenich

Chief Technology Officer, [Keller Independent School District](#)

Designed by Microsoft. Designed to work better together.

Surface + Windows 11 + Microsoft 365

Institutional agility and operational efficiency

Simplified deployment and management

Enhanced security

Accelerated AI experiences

Copilot+ PCs

Surface devices paired with Microsoft 365 are **worth almost 3x the investment costs** over three years.¹



Surface brings Microsoft AI to life

By choosing Surface for its unified hardware, software, and ecosystem innovation, leaders can enable an AI strategy that provides their institution with accelerated learning outcomes.



Cloud

Apps

OS

Device

Premium experiences | Enterprise-ready security | AI innovation

Enable your AI transformation with Microsoft

Accelerate learning



Teams



Microsoft 365
Copilot

Boost productivity



Copilot

Advance research & innovation



Fabric



Azure

Build your own copilots



Copilot
Studio



Azure AI
Studio

Surface is designed to showcase the latest AI innovations from Microsoft, from device to cloud, creating holistic AI solutions

A Surface for every role

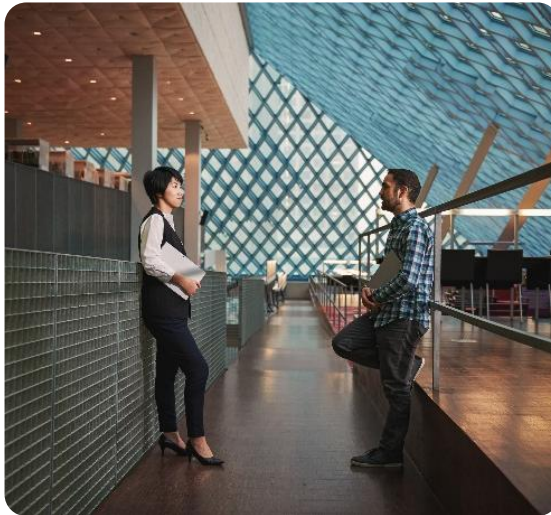
Versatile devices for a digital campus



Teachers



School Leaders



Students



Collaborative Spaces



Teachers

Providing better educational experiences



Challenges

Teachers face unique hurdles every day, including:

- Developing lesson plans and class materials
- Keeping up with administrative paperwork
- Coordinating with parents and students on special learning projects or needs
- Accessing and storing student information securely



Solution

To deliver great educational experiences, teachers use **Surface Copilot+ PC** devices for their:

- Powerful processors to run learning management software and processing, both in the cloud and on-device
- High-resolution touch screen to transform teaching experiences
- Long-lasting battery to support mobility
- Surface Studio Camera and AI-powered Windows Studio effects to collaborate effectively with faculty and staff
- Enterprise-grade protection for sensitive student data

Surface Pro for Business



 Copilot+PC

Choice of Intel® Core™ Ultra (Series 2) or Snapdragon X Series processors, with 40–48 TOPS on the NPU

Choice of 12" or 13" touchscreen with OLED or LCD display options and anti-reflective displays on select models¹⁷

Pair with Surface Slim Pen* to take digital notes and gather e-signatures

Copilot key on keyboard⁹

Adjustable kickstand and detachable keyboard* (laptop to tablet versatility)

5G connectivity on select models³

Built-in NFC reader on select models⁷

Surface Laptop for Business



 Copilot+PC

Choice of Intel® Core™ Ultra (Series 2) or Snapdragon X Series processors, with 40–48 TOPS on the NPU

13", 13.8", or 15" PixelSense Flow™ touchscreen displays

Anti-reflective displays on select models¹³

USB-C®/USB4 ports or USB3.2-C ports for connecting multiple external monitors

Remarkably bright with enriched HDR tech

Precision Haptic touchpad, keyboard backlight, and Copilot key³

Inking experiences that empower faculty and students

Microsoft Surface and Surface Pen* add visual and tactile dimensions to the digital teaching and learning experience.



Write and search naturally

Faculty can mark up papers, whiteboard during classes, or represent equations visually while students take notes, write prompts in Microsoft Copilot¹ for research or help editing, or sketch out ideas in the way that works best for them.



Premium tactile experiences

Digital ink feels like pen on paper in handwriting that automatically converts to searchable text. Describe or draw a vision with text in Cocreator² in Microsoft Paint and watch it generate your vision.



A paperless world

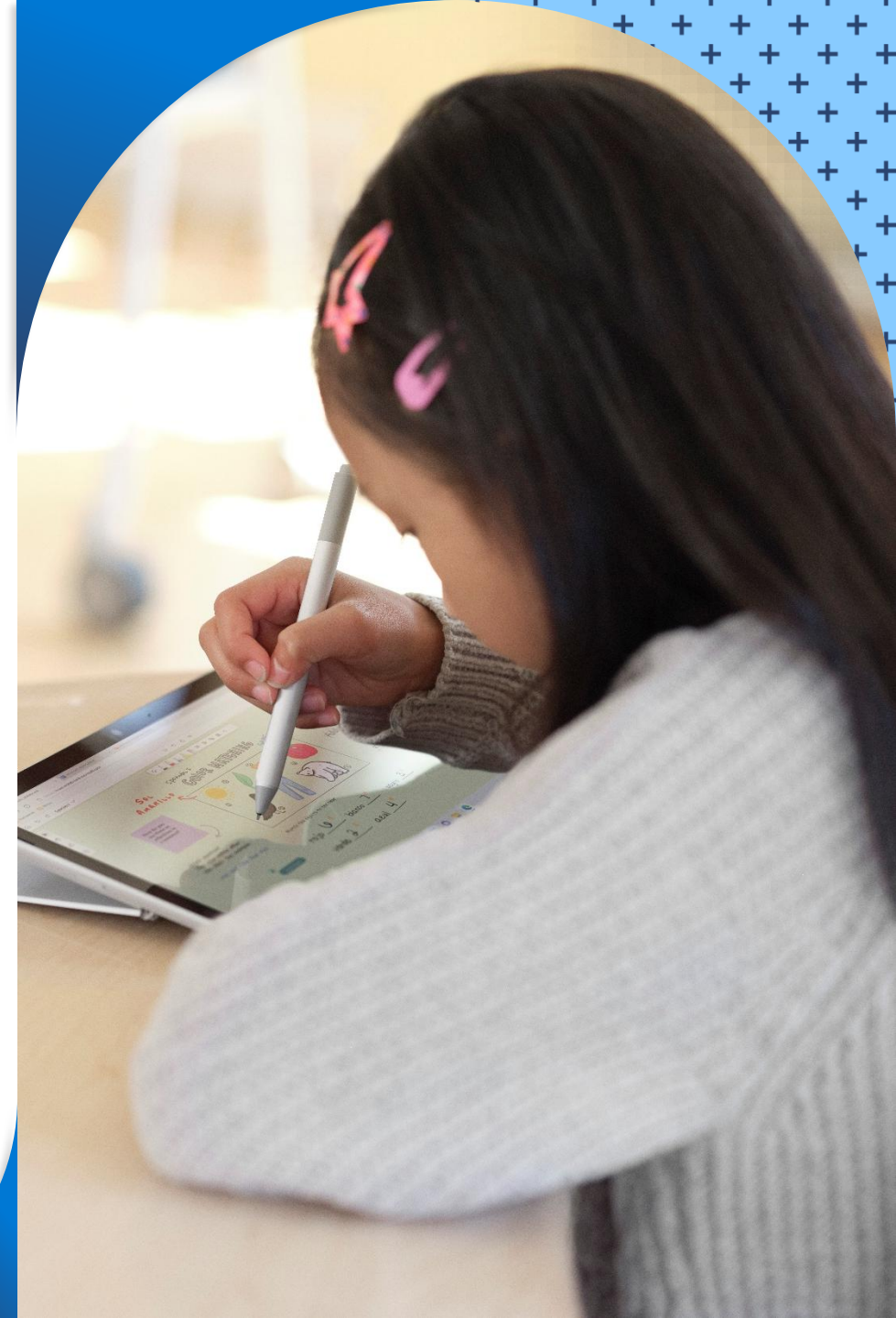
Digital pens on select devices mean you can take notes and mark up documents on your device instead of printing—saving paper and ink or toner.



A pioneering form factor

Surface originated the 2-in-1 category to provide greater flexibility and situational adaptability for different teaching styles and professional settings, enabling fluid transitions from typing to inking and back.

*Sold separately. ¹Microsoft 365 Copilot sold separately and requires a qualifying volume license or subscription. [Microsoft 365 Copilot](#) | [Microsoft 365](#). Eligible Microsoft 365 license and/or M365 Copilot license required for some features. US government cloud customers and students under age 18 aren't yet eligible to access Microsoft Copilot Chat. ²Only available on Microsoft Surface Copilot+ PC devices



Students

Getting the most out of education



Challenges

At school and at home, students face unique hurdles every day, including:

- Keeping all notes, assignments, and feedback organized
- Remaining thoroughly engaged in studies, whether in class or remote
- Difficulties in effectively collaborating with classmates
- Managing work across multiple devices and notebooks



Solution

To deliver great educational experiences, students use **Surface Copilot+ PCs** for their:

- Powerful processors to run academic software and AI processing, both in the cloud and on-device
- High-resolution touch screen to transform learning experiences
- Long-lasting battery to support mobility
- Surface Studio Camera and AI-powered Windows Studio effects to collaborate effectively with faculty and other students
- Enterprise-grade security to protect personal data

Surface Pro for Business



 Copilot+PC

Choice of **Intel® Core™ Ultra (Series 2)** or **Snapdragon X Series** processors, with 40–48 TOPS on the NPU

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Surface Laptop for Business



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USB-C®/USB4 ports or USB3.2-C ports for connecting multiple external monitors

Remarkably bright with **enriched HDR tech**

Precision Haptic touchpad, keyboard backlight, and **Copilot key**³

School leaders

Leading academic institutions into the future



Challenges

School leaders face unique hurdles every day, including:

- Outreach to families and community
- Improving curriculum and engaging students
- Managing a large team of faculty and staff
- Working with administrators and local governments



Solution

To deliver great educational experiences, school leaders use **Surface, Copilot+ PCs** for their:

- Powerful processors to run academic software and AI processing, both in the cloud and on-device
- Long-lasting battery to support mobility
- Surface Studio Camera and AI-powered Windows Studio effects to collaborate effectively with faculty and staff
- Enterprise-grade protection for sensitive institutional data

Surface Pro for Business



 Copilot+PC

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Collaborative teams

Working together for greater knowledge



Challenges

Teachers and school leaders face teamwork challenges including:

- Remote meetings for academic planning, budget discussions, and hiring decisions
- Collaborating on academic programs
- Enabling faculty and administration to coordinate academic programs with school board leaders and other stakeholders



Solution

To work more effectively, collaborative teams use a **Surface Hub** device for its:

- Large, high-resolution screen (85-inch and 50-inch models)
- Microsoft Teams-certified meetings platform
- High-end cameras, optimized microphones, and quality speakers
- Pen, inking, and whiteboard capabilities
- Lightweight and mobile (with stand and battery²)

Surface Hub 3 for Business



Hub 3 85"



Hub 3 50"

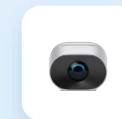
*Stands sold separately



Collaborative canvas and meetings device certified for Microsoft Teams



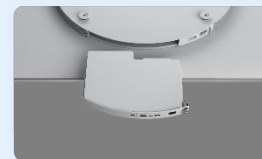
Microsoft Teams Rooms on Windows



Surface Hub Smart Camera for a vibrant, dynamic view of in-room interactions



Surface Hub Pen



Already have a Surface Hub 2S?
Upgrade with a **Surface Hub 3 Compute Cartridge³**

Day in the life of a K–12 educator

Mr. Kim is a teacher who loves to use his Surface Pro, Copilot+ PC and dynamic instructional methods to engage his students.

7:30 AM: Getting started



Copilot+PC

At the start of the school day, Mr. Kim logs on to his Surface Pro, Copilot+ PC, 12-inch. It's quick, easy, and secured, thanks to Windows Hello with facial recognition. He reviews his class schedule and lesson plans for the day, typing in changes and notes on his detached Surface Pro Flex Keyboard. After half an hour, the bell rings, and it's time for his first class.

8:05 AM: First class



A 9th grade geography class kicks off the day in Mr. Kim's room. The first exercise is asking students to arrange their desks into different geographical features associated with parts of the world they're studying. With his versatile Surface Pro in tablet mode, Mr. Kim has the freedom to roam around the room, helping students with suggestions and even documenting their work with the 10 MP Quad HD rear-facing camera. A student asks a good question, so Mr. Kim clicks on the Copilot key¹ on his Surface Pro keyboard and asks Microsoft Copilot for the answer. Seconds later, Mr. Kim shares what he learned.

10:00 AM: Tech-empowered teaching



Mr. Kim's 11th grade social studies class calls for specialized educational software—a gamified civilization simulator with a fun graphic interface. The educator's version of the software requires extra computing power. Thanks to the next-level performance of his Surface Copilot+ PC* with an integrated AI Boost NPU, Mr. Kim's Surface Pro is more than a match for this engaging edtech.



3:30 PM: School's out

Classes are done for the day, but there's just one more task: A district-wide town-hall video call on school policy changes. Mr. Kim jumps into the Microsoft Teams video meeting and sends friendly messages to colleagues in the chat. Everyone has a chance to speak at this meeting, and Mr. Kim decides to share his perspective. He shows up great because of how the Surface Studio Camera captures lifelike details and delivers AI-enhanced meeting features like automatic framing and background blur. Once the meeting ends, it's time to head home!



2:30 PM: Last lecture

For Mr. Kim's final class, he'll be talking through a complex political concept with his 12th grade social studies students. At this time of day, the sun always pours in through the classroom's big windows, and that can make it hard to see. But Surface Pro's anti-reflective touchscreen display⁴ and adaptive color keep his notes at the optimal luminance level for reading. He also glances at his battery level: still plenty of power! All-day battery life³ means Mr. Kim rarely needs to plug in during the school day.



12:30 PM: After-lunch grading

There's a free period after lunch, so Mr. Kim takes this opportunity to do some grading. Hand-drawn corrections are very helpful in a visual subject like geography, so he tilts the screen back on Surface Pro's built-in kickstand and marks up his students' assignments using a Surface Pen. Mr. Kim also uses the Pro's Dual Studio Mics with voice focus² to add voice annotations where he thinks learners need a little extra guidance.

¹Copilot key feature availability varies by market, see aka.ms/keysupport.

²Voice focus requires activation, requires Windows 11 and is available in apps which use integrated device microphones and use certain Windows audio processing modes.

³Battery life varies significantly based on usage, network and feature configuration, signal strength, settings and other factors. See aka.ms/SurfaceBatteryPerformance for details.

⁴Anti-reflective touchscreen display available on select models.

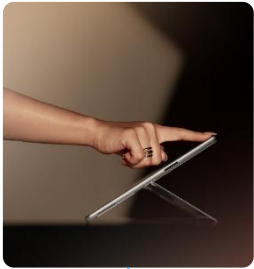


*Choose between Intel® Core™ Ultra (Series 2) or Snapdragon X Series processors, with 40–48 TOPS on the NPU

Day in the life of a secondary school student

Mia is exceling using her Surface Pro, Copilot+ PC, at a high school specializing in STEM education.

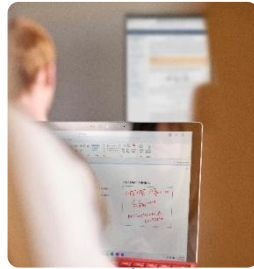
7:30 AM: Getting started



Before carpool picks her up, Mia logs onto her Surface Pro, Copilot+ PC, 13-inch using Windows Hello facial recognition. She checks her Microsoft Teams channel to see if her lab partner updated the PowerPoint slides, so she can incorporate her notes for a presentation they are preparing to deliver at school. Her thin, ultra-portable device is easy to slide into her backpack for her ride to school.



8:30 AM: Physics class



Mia's first class is Physics. While the instructor lectures, she lays her Surface Pro flat on her desk to take notes using a Surface Pen. Her Pro's anti-reflective touchscreen display⁵ and adaptive color keep her screen at the optimal luminance level for viewing during class, even with the sun coming through the blinds of the classroom.

11:00 AM: Group study



Mia meets with her friend Eric for group study. She detaches the Surface Pro Flex Keyboard so they can view her Surface in tablet mode to work a Physics project that uses software requiring extra computing power. Thanks to the next-level performance of her Surface Copilot+ PC* with an integrated AI Boost NPU, her Surface Pro enables Mia and Eric to work through their problems with no hiccups.



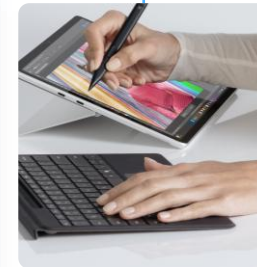
3:30 PM: College prep class

After classes are done, Mia attends an after-school college prep course led by a remote instructor using Microsoft Teams. The Surface Pro has a Quad HD front-facing Surface Studio Camera with Windows Studio Effects (automatic framing, eye contact, and background blur), Dual Studio Mics with voice focus³, and Dolby® Atmos® stereo speakers to provide enhanced clarity so Mia can listen and share her ideas clearly and accurately during this virtual call. If she misses a session or just wants to review the discussion again, Mia uses Copilot in Teams⁴ intelligent meeting recap to access AI-generated meeting notes, action items, and jump to name mentions in the transcript.



2:30 PM: Library

For study hall in the library, Mia reattaches the Surface Pro Flex Keyboard to her Surface Pro and uses Copilot to help complete research for her Environmental Studies research paper. Because of the device's battery life of up to 12.5 hours², Mia has plenty of battery left—even for homework!



12:30 PM: Biology class

After lunch, Mia has her Biology class. She can easily zoom in on diagrams the instructor has shared with the class using the Surface Pro's 13" PixelSense™ Flow touchscreen. She uses a Surface Pen to mark up the diagrams with class notes. She also presses the Copilot key¹ on her Surface Pro Flex Keyboard and asks Microsoft Copilot a few questions about this new topic. Seconds later, Mia shares what she learned with the class.

¹Copilot key feature availability varies by market, see aka.ms/keysupport ²Battery life varies significantly based on usage, network and feature configuration, signal strength, settings and other factors. See aka.ms/SurfaceBatteryPerformance for details. ³Voice focus requires activation, requires Windows 11 and is available in apps which use integrated device microphones and use certain Windows audio processing modes. ⁴Microsoft 365 Copilot sold separately and requires a qualifying volume license or subscription. [Microsoft 365 Copilot | Microsoft 365](https://aka.ms/m365copilot). Eligible Microsoft 365 license and/or M365 Copilot license required for some features. US government cloud customers and students under age 18 aren't yet eligible to access Microsoft Copilot Chat. ⁵Anti-reflective touchscreen display available on select models.



*Choose between Intel® Core™ Ultra (Series 2) or Snapdragon X Series processors, with 40-48 TOPS on the NPU

Surface portfolio

2-in-1s

Versatile Tablet + Laptop devices that provide mobile productivity for people on the go.

Best for: Faculty, staff, and students



Pro, a Copilot+ PC

Lightning-fast speeds and AI accelerated power in an ultra-flexible design

12-inch or 13-inch



Go 4

The **smallest, lightest** Surface with touch and ink capacitive PixelSense™ display

10.5-inch

Laptops

All the power of a static desktop in a sleek, modern form factors built for hybrid and remote faculty and staff.

Best for: Faculty, leadership, administrators, students



Laptop, a Copilot+ PC

Next-generation AI capabilities in an exceptionally performant ultralight laptop

13-inch, 13.8-inch, 15-inch



Laptop Studio 2

Powerful laptop delivers speed, graphics and versatility to run business-critical applications

14.4-inch

Large screens

Devices that revolutionized a new category of computing focused on flexibility, collaboration, and mobility.

Best for: Leadership, faculty, collaborative spaces



Hub 3

Enable teamwork anywhere with this Microsoft Teams-certified **meetings platform and modern collaborative canvas**

Surface Copilot+ PCs in Education deliver next-level experiences



Safeguard critical data with powerful Windows security

Shield institutional information and privacy with **Secured-core PC protection**, **Microsoft Pluton**, and **granular IT control** across data, apps, and AI. Copilot+ PCs include a Pluton security processor to provide the highest level of Windows PC protection. Designed by Microsoft, Pluton is integrated into the processor to deliver built-in, next-generation security. Pluton receives its firmware and feature updates directly via Windows Update.



Make a bigger impact with all-day performance

Surface Copilot+ PCs deliver higher performance with up to 20 hours of battery life¹, the longest on any Surface. And with a **choice of Intel® Core™ Ultra (Series 2) or Snapdragon X Series processors** and a blazing-fast CPU, Surface Copilot+ PCs can help you drive new levels of speed and efficiency.



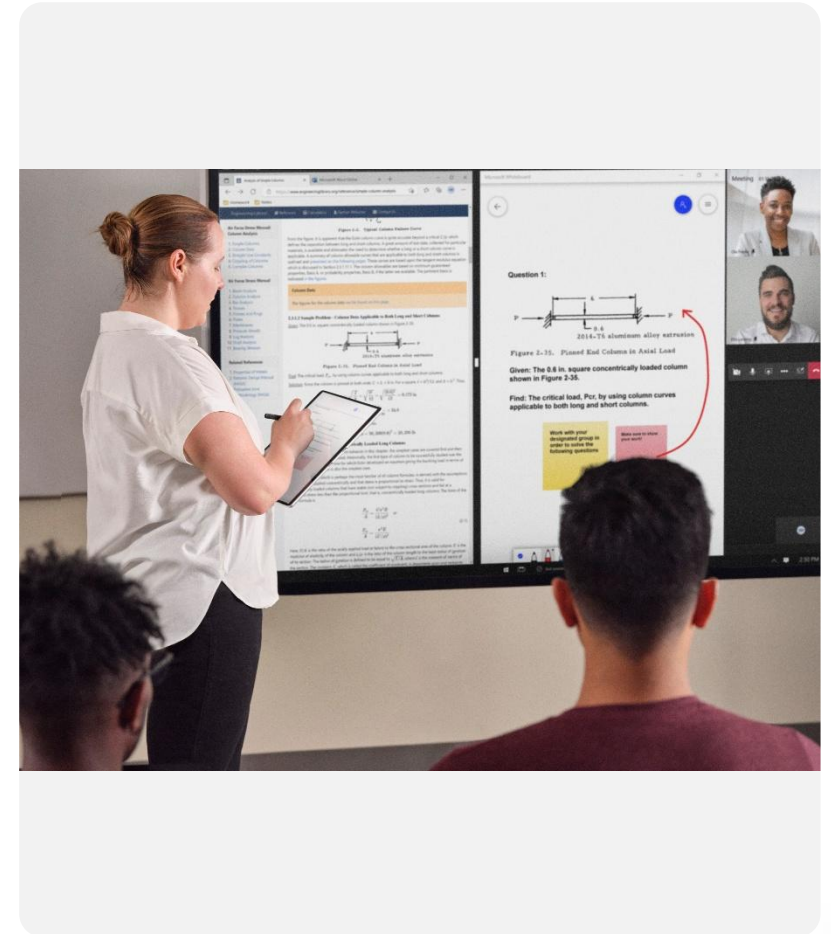
Be more productive with cutting-edge AI capabilities

Take advantage of groundbreaking NPU-powered AI features like **Windows Studio Effects** and **Live Captions with live translations into English**² running directly on Copilot+ PCs to help instructors, staff, and students communicate effectively and unlock new possibilities in teaching, learning, and research. Surface Copilot+ PCs enable faculty and students to engage with Microsoft Copilot in ways that are natural and intuitive through the keyboard with a Copilot key³, pen, touch, and voice.



Create an institution that's future-ready

Gain an AI advantage by choosing Surface Copilot+ PCs for their versatile designs, choice of silicon, and innovation across hardware and software. With powerful NPU processors, Copilot+ PCs have hardware that will enable your faculty, staff, and students to take advantage of smarter current and future AI models and enable advanced reasoning at the edge to support AI capabilities, which is not possible on a traditional PC.



¹Surface Laptop, Copilot+ PC gets up to 20 hours local video playback. Battery life varies significantly based on device configuration, usage, network and feature configuration, signal strength, settings, and other factors. See aka.ms/SurfaceBatteryPerformance for details.

²Currently supports translation for video and audio subtitles into English from 40+ languages. On devices with Intel Core Ultra, Live Captions requires update continuing to roll out through early 2025. See aka.ms/copilotpluspcs.

³Copilot key feature availability varies by market, see aka.ms/keysupport.

Surface + ARM deliver groundbreaking educational experiences

 Copilot+PC

Boost productivity with Copilot+ PCs featuring the latest
Qualcomm® Snapdragon® X series processors

NPU with 45 TOPS
for industry-leading AI

**All-day
battery life¹**

Microsoft Pluton
built into processor
for chip-level security



Peak performance with ARM

Surface devices with **Snapdragon® X Elite and Plus processors** deliver fast startup, **exceptional battery life¹**, and blazing-fast performance to handle demanding tasks while remaining energy-efficient and reliable—even while unplugged.



Productivity with advanced AI

Surface Copilot+ PCs feature an industry-leading **Qualcomm Hexagon™ NPU with 45 TOPS**. Leap ahead with groundbreaking AI features running directly on the device, such as **Live Captions** and **real-time translation** from 44 languages into English, helping instructors, staff, and students collaborate seamlessly and unlock new possibilities in teaching, learning, and research.



Robust hardware-based security

Strengthen security with the **Microsoft Pluton security processor** and Trusted Platform Module (TPM) 2.0. Zero-trust principles are designed into every layer of our chip-to-cloud security including Windows Hello Enhanced Sign-in Security (ESS), enabled by default to protect biometric data.



Versatile app ecosystem

ARM-based Surface devices support a wide range of education applications natively and through optimized emulation. Microsoft partners with 300+ developers to optimize apps on ARM.

Key productivity, creativity, security, and entertainment apps perform seamlessly. The new emulation engine, Prism, helps emulated apps run faster than native apps on older Surface models. Microsoft continues to invest in ARM and app compatibility through programs like [App Assure](#).

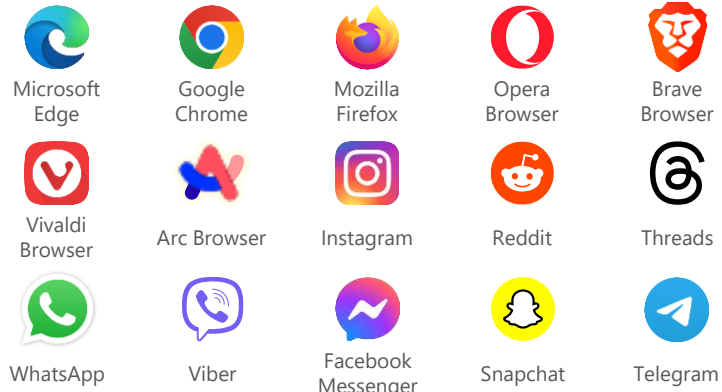


Efficient management with familiar tools

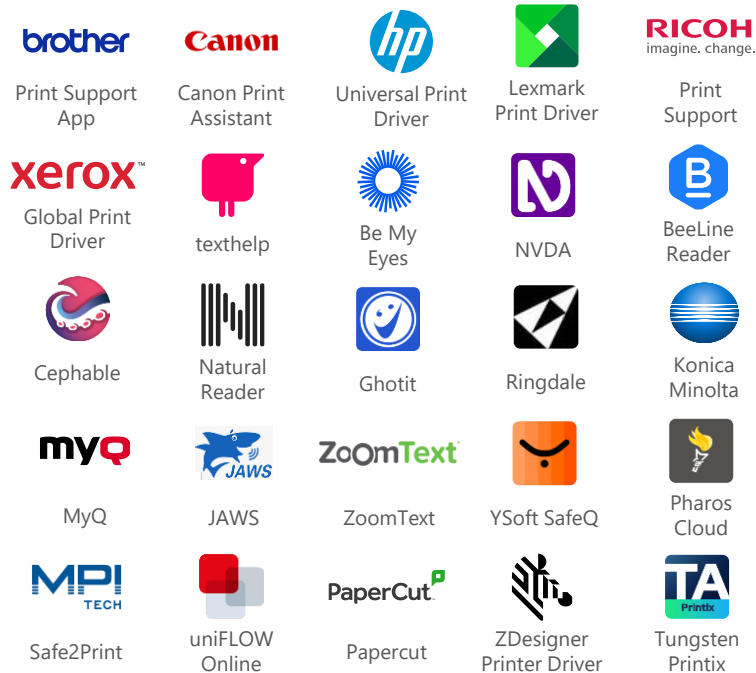
Manage ARM-based Surface devices using **Microsoft Intune** or **Microsoft Endpoint Configuration Manager**. Zero-touch Autopilot provisioning and modern deployment workflows simplify the device lifecycle.

¹ Battery life varies significantly based on device configuration, usage, network and feature configuration, signal strength, settings, and other factors. See aka.ms/SurfaceBatteryPerformance for details.

Social Media & Web



Accessibility & Printing

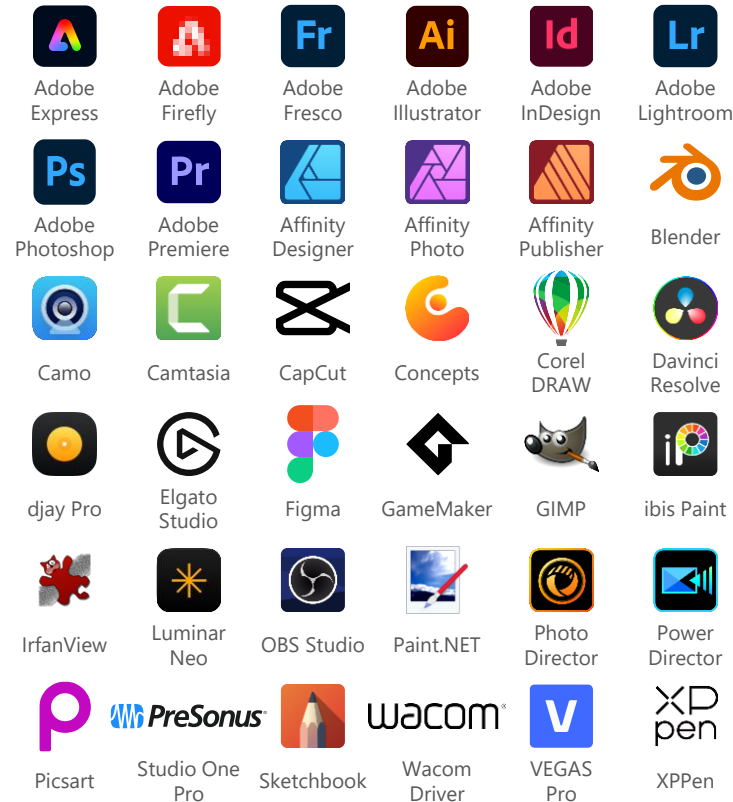


Arm app ecosystem momentum

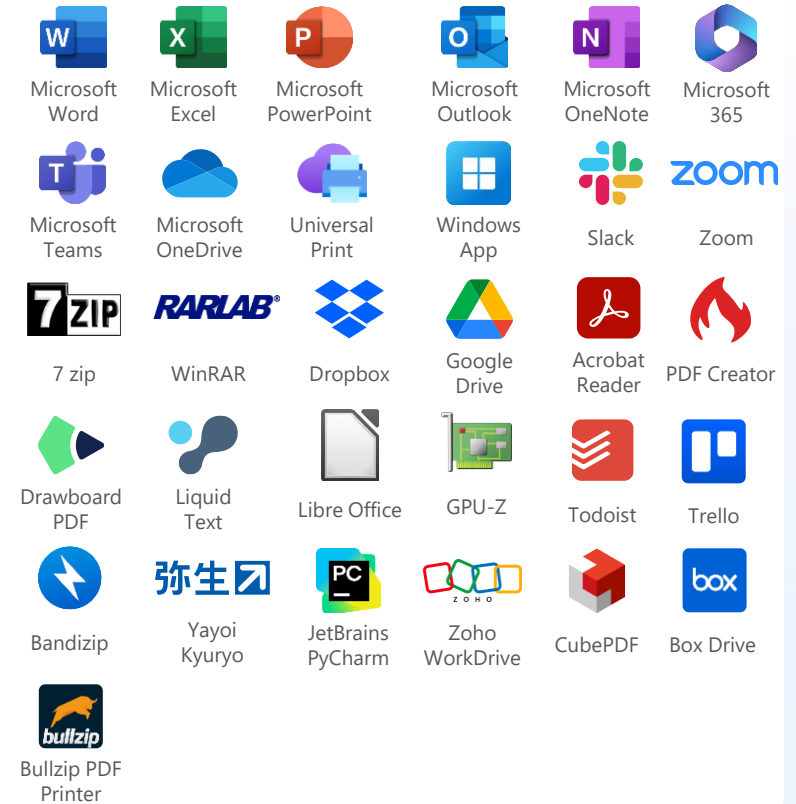
Consumer Apps

Available Now
Native + Emulated

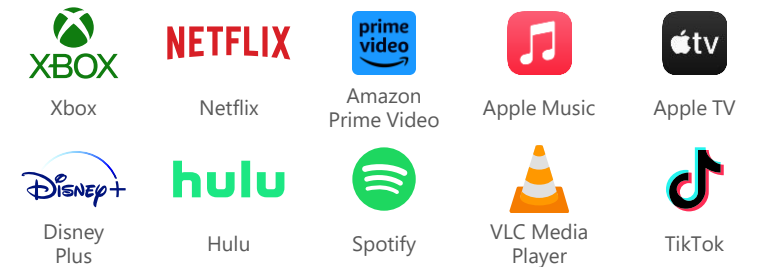
Creativity



Productivity



Entertainment



VPN & ZTNA



Security

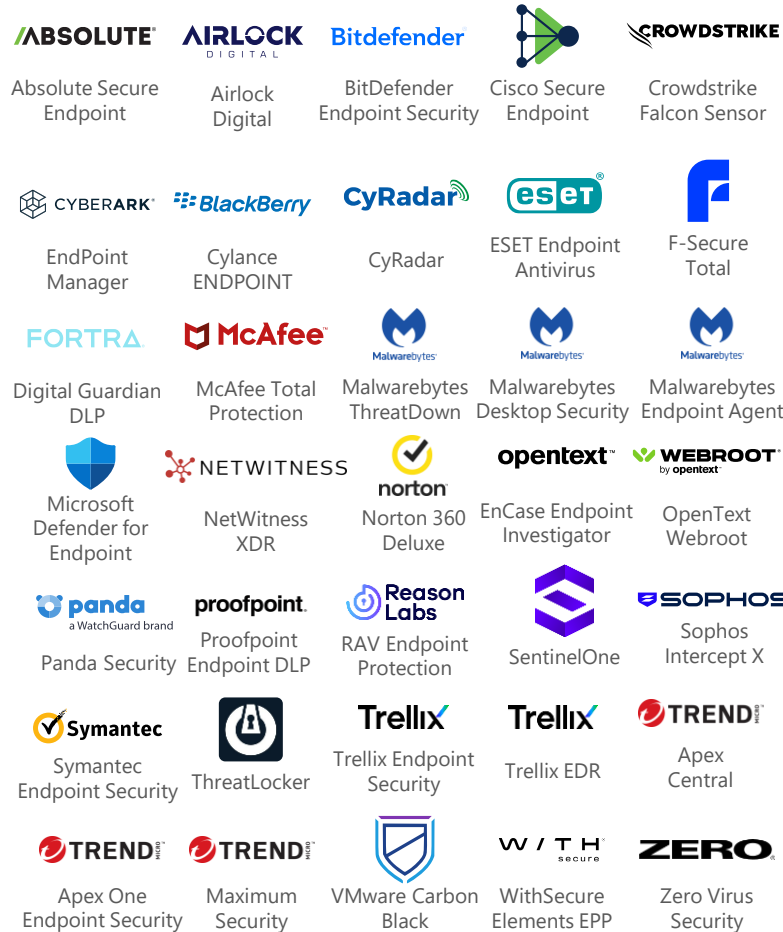


Arm app ecosystem momentum

Commercial Apps

Available Now
Native + Emulated

Endpoint Protection & Anti-Virus



IT Management



Benchmarking



Designed for work. Optimized for education.



Surface gives you everything you need to be successful, whether you're in fifth grade or the superintendent of the district."



— Matt Vrlenich

CTO, [Keller Independent School District](#)

Keller ISD recently hired Matt Vrlenich as its new Chief Technology Officer. Upon taking the role, Vrlenich quickly identified his top priority: Migrating 23,000 browser-based devices for its fifth through twelfth graders to Surface Laptops and Microsoft 365 A5, then using the included cloud-management tools and Microsoft security to keep students learning and the organization compliant and safe.



"Students at Kyunghee Girls' Middle School have the freedom to learn and complete assignments with Surface devices, showing their creativity and expression to the fullest."

— Sanggeun Lee
Teacher,

[Kyunghee Girls' Middle School](#)



"Now when I want to do some research, I can easily launch Copilot by pressing the Copilot key. I feel that we now have a shortcut to generative AI."

— Junko Suzuki

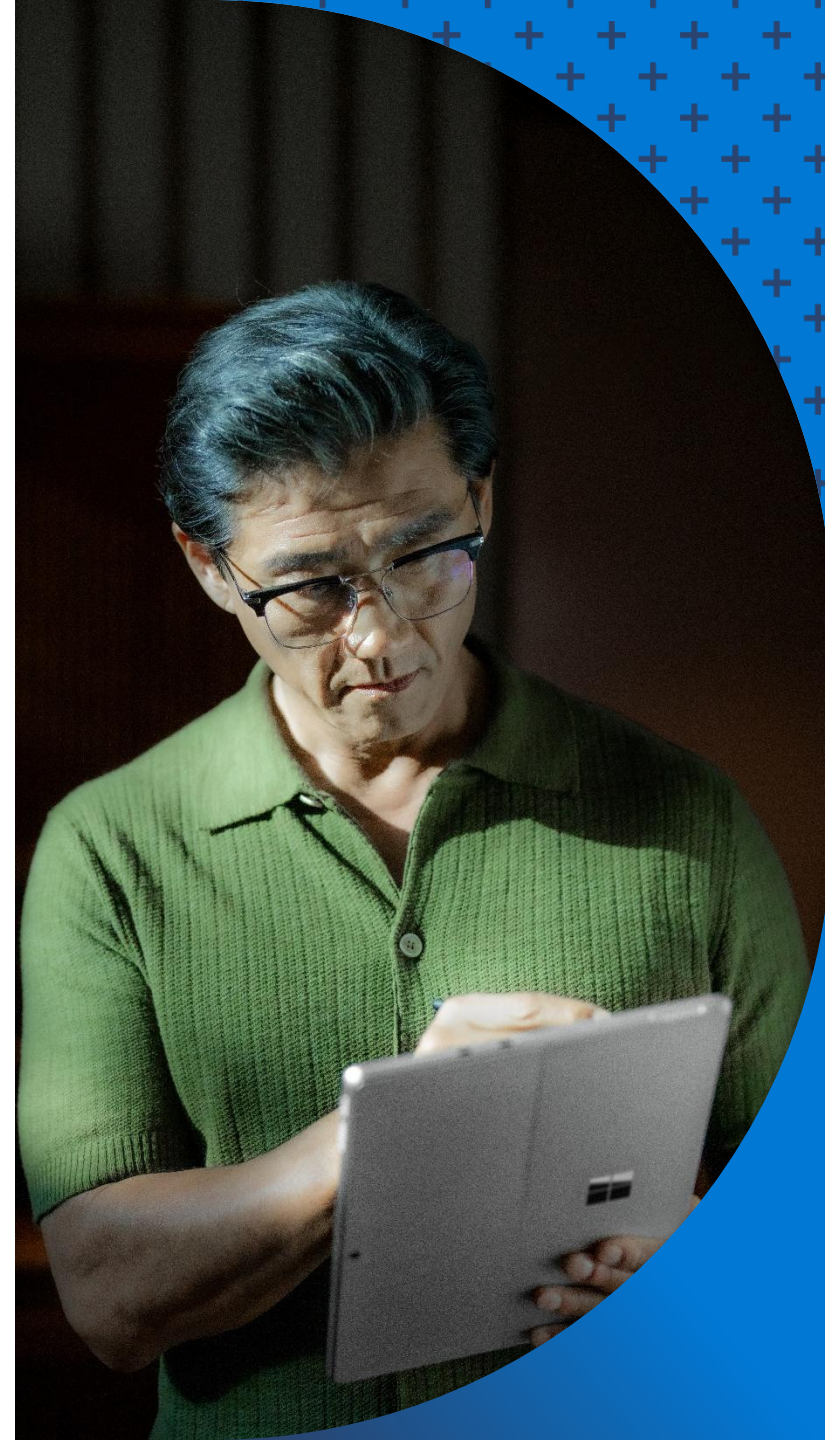
ICT Promoter of Educational Affairs Teacher,
[Aichi Prefecture Ichinomiya High School](#)



"After an extensive pedagogical and technical assessment, we acquired Surface devices because of their interoperability, security, and even light weight."

— Maria Phillipi

Head of Digital Education,
[Doukas School](#)





Thank you

Let's connect further on next steps.

