

# Versatile devices for education and learning

Enable new remote teaching  
and learning environments  
with Microsoft technology.



A new remote learning paradigm continues to shift the education ecosystem as we know it. Education professionals and students need a reliable, trustworthy solution that gives educators the power to teach in new ways, and that gives students equal access to a secure, robust virtual classroom.

Microsoft Surface devices bring together analog and digital worlds with a wide range of modes and inputs. Surface empowers educators with new ways to bring lessons to life, engage students, and improve the quality of teaching. It builds on traditional tools too, with innovations such as the Microsoft Classroom Pen that feel as natural as pen on paper.

Surface devices can make it easier for educators to streamline lesson plans, create and grade assignments, and collaborate with students.

Surface provides education professionals with all the elements of a desktop, laptop, and tablet, making it easier for them to move around the classroom, or work wherever their roles take them.

"When it all came down to it, Surface Pro was leaps and bounds ahead of the competition."

Dr. Grant Liftin  
Assistant Superintendent for  
Administrative Services Tustin  
Unified School District

## Devices and software, built to transform education

Gain mobility, flexibility, efficiency, and security for remote learning with Surface and Microsoft 365

### The best devices for the intelligent classroom

Allow educators, students, and staff to do their best work from anywhere, with modern devices that let them connect, collaborate, and communicate in new ways.

### Leading modern management

Give educators, students, and staff freedom but maintain control with Microsoft Endpoint Manager\* and DFCI for complete and seamless device management.

### Enterprise-grade security

Surface devices are equipped with TPM version 2.0, and feature Windows Hello biometric password-free sign-in.



## A natural experience

### Built for inking

With the PixelSense™ display, Surface Go and Surface Pro support full touch and inking in the same aspect ratio as a piece of paper for a natural transition from analog to digital. When writing with Surface Pen\* or Microsoft Classroom Pen,\* Palm Block ensures students can write naturally, while Smart Controls in the Type Cover\* differentiate between intentional and accidental clicks.

### Designed for maximum versatility

An innovative hinge design supports effective scaffolding strategies and differentiated learning. With Surface it's easy to move between a tablet, studio, and laptop experience. These modes, along with touch and pen, provide greater options for students across grade levels, activities, and desired learning outcomes. This also gives educators the freedom to use the device in the mode that works best for their style.



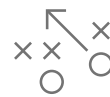
## Teaching and learning, untethered

### Freedom for educators

Whether in the classroom or remote, Surface Pro 7's HD PixelSense™ display features ambient light sensing that automatically adjusts to conditions, so educators can move fluidly without losing the crisp, clear picture. As a full Windows 10 Pro PC, Surface Pro 7 gives educators access to digital learning tools, including cloud-based applications. With Miracast, educators can connect wirelessly to a projector, freeing them to move about the classroom.

### Freedom for students

While a lot of classroom instruction focuses on independent work, collaborative learning in small groups is a proven technique for boosting comprehension, engagement, and performance. With versatile and portable Surface Go 2, students can collaborate online in real time to solve Minecraft problems, or work together whenever they like, picking up at home where they left off during scheduled class time.



## Adapting to different environments

### Optimized for connectivity

All students need access to learning whether they're in the classroom or at home. Surface Go 2 is equipped with optional LTE Advanced connectivity,<sup>1</sup> which means students can get internet access even when Wi-Fi isn't available. Schools can bulk provision cellular data plans and can keep devices secure with Microsoft Endpoint Manager.\*

### Rugged and easy to clean

To empower all students to learn remotely, devices need to be able to take a few bumps and keep humming. Ruggedized cases\* can further protect Surface Go 2, and you can use many common disinfectant products to safely clean most Microsoft Surface devices. [Here's what we recommend](#) for specific devices and finishes.



## Powerful security, easy management

### Secure login with Windows Hello

Windows Hello uses biometric login credentials, which keep data more secure than traditional passwords and cut down on the time it takes for students and educators to get started. Instant On starts the lesson with no wasted time.

### Remote management

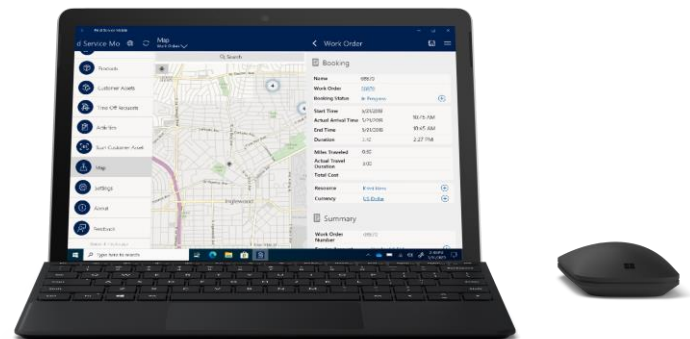
Microsoft Endpoint Manager\* and DFCI give the school technologist or district IT department the ability to provision and update devices remotely and securely. Instead of spending hours bringing all devices up to date, everything happens via the cloud in minutes. Administrators can be sure everything is working as expected so that the virtual classroom experience is focused on learning.

\*Sold separately.

<sup>1</sup>Service availability and performance subject to service provider's network. Contact your service provider for details, compatibility, pricing, SIM card, and activation. See all specs and frequencies at [surface.com](https://surface.com).

# Surface Go 2 for Education

Lightweight portability for the task at hand



## Larger, brighter, more brilliant

Work on a bigger touchscreen display in the same compact size. The lightest Surface 2-in-1 still weighs in at 544 grams.<sup>1</sup> but now has a bigger 10.5" display with improved 220 PPI resolution.

## A faster companion

Run the essential business apps you rely on every day. Surface Go 2 features either Pentium processors or the newly introduced 8th Gen Intel® Core™ m3 Processor option, which is faster than previous generations.<sup>2</sup>

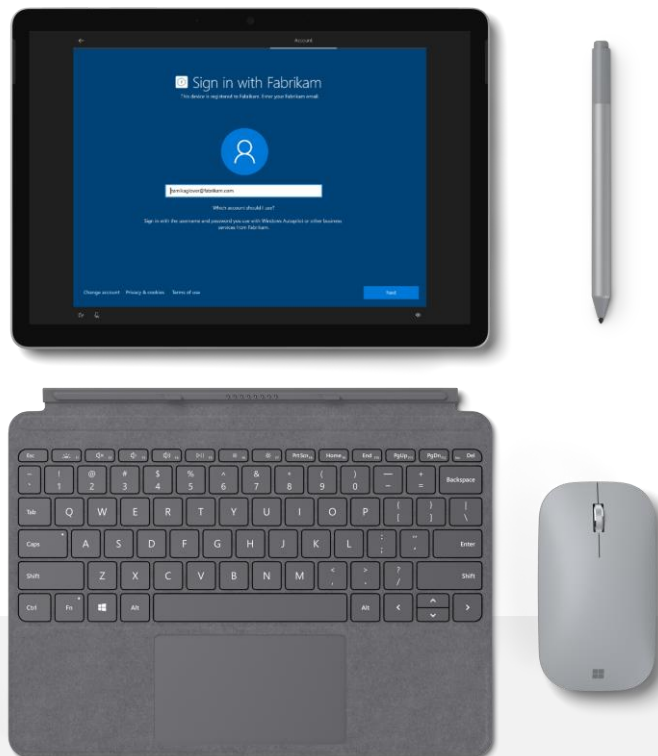
## Plenty of unplugged power

Improved all-day battery life up to 10 hours<sup>3</sup> to keep you going. When connected to Surface Dock,\* Fast Charging powers your battery up to 80% in just over an hour.<sup>4</sup> In addition to Wi-Fi, optional LTE Advanced<sup>5</sup> delivers hassle-free and secure connectivity, giving you ultimate mobility to work virtually anywhere.



# Surface for Education unlocks more value

Surface customers save time and money with streamlined deployment, modern device management, and built-in cloud-powered security. Empower people, data, and systems with connected experiences from Surface and Microsoft 365.\*



## Technical specifications

<b>Dimensions</b>	9.65" x 6.9" x 0.33" (245 mm x 175 mm x 8.3 mm)
<b>Display</b>	Screen: 10.5" PixelSense™ Display Resolution: 1920 x 1280 (220 PPI) resolution Aspect ratio: 3:2 Contrast ratio: 1500:1 Touch: 10-point multi-touch Corning® Gorilla® Glass 3
<b>Memory</b>	4GB or 8GB RAM
<b>Processor</b>	8th Gen Intel® Core™ m3 Processor and Intel® Pentium® Gold Processor 4425Y
<b>Security</b>	TPM 2.0 for enterprise security Enterprise-grade protection with Windows Hello face sign-in
<b>Software</b>	Windows 10 Pro; 1 month free trial for new Microsoft 365 customers
<b>Sensors</b>	Ambient light sensor Accelerometer Gyroscope Magnetometer NFC
<b>What's in the box</b>	Surface Go 2, Power Supply, Quick Start Guide, safety and warranty documents
<b>Weight (not including type cover*)</b>	Wi-Fi: 1.2 lb (544g) LTE Advanced: 1.22 lb (553g)
<b>Network</b>	Wi-Fi: IEEE 802.11 a/b/g/n/ac/ax compatible Bluetooth Wireless 5.0 technology Qualcomm® Snapdragon™ X16 LTE modem Up to 600 Mbps LTE Advanced <sup>5</sup> with nanoSIM support. Bands supported: 1, 2, 3, 4, 5, 7, 8, 12, 13, 14, 19, 20, 25, 26, 28, 29, 30, 38, 39, 40, 41, 66 Assisted GPS and GLONASS support eSIM support

<b>Storage<sup>6</sup></b>	eMMC drive: 64GB (Wi-Fi) Solid-state drive (SSD): 128GB (Wi-Fi or LTE); 256GB (LTE)
<b>Battery life<sup>3</sup></b>	Up to 10 hours of typical device usage
<b>Graphics</b>	Intel® HD Graphics 615
<b>Connections</b>	1 x USB-C® 3.5 mm headphone jack 1 x Surface Connect port Surface Type Cover Port MicroSDXC Card Reader Nano SIM tray
<b>Cameras, video, and audio</b>	Windows Hello face sign-in authentication camera (front-facing) 5.0MP front-facing camera with 1080p HD video 8.0MP rear-facing autofocus camera with 1080p HD video Enhanced dual far-field Studio Mics 2W stereo speakers with Dolby® Audio™ Premium
<b>Exterior</b>	Casing: Magnesium Color: Silver Physical buttons: Volume, Power
<b>Warranty</b>	2-year limited hardware warranty <sup>7</sup>

\*Sold separately

<sup>1</sup>Not including Type Cover.

<sup>2</sup>Geekbench multi-core score comparison of Surface Go 2 versus Surface Go; February 2020.

<sup>3</sup>Up to 10 hours of battery life based on typical Surface device usage. Testing conducted by Microsoft in February 2020 using preproduction software and preproduction configurations of Surface Go 2. Testing consisted of full battery discharge with a mixture of active use and modern standby. The active use portion consists of (1) a web browsing test accessing 8 popular websites over multiple open tabs, (2) a productivity test utilizing Microsoft Word, PowerPoint, Excel and Outlook, and (3) a portion of time with the device in use with idle applications. All settings were default except screen brightness was set to 150nits with Auto-Brightness disabled. Wi-Fi was connected to a network. Battery life varies significantly with settings, usage and other factors.

<sup>4</sup>Testing conducted at Microsoft in Feb 2020 using pre-production devices and Software. Tested with the Surface Dock under controlled conditions. Device was powered on to desktop screen with default display brightness settings. Actual charge time will vary based on operating conditions. Measured at typical office ambient temperature of 23C.

<sup>5</sup>Service availability and performance subject to service provider's network. Contact your service provider for details, compatibility, pricing, SIM card, and activation. See all specs and frequencies at [surface.com](https://surface.com).

<sup>6</sup>System software and updates use significant storage space. Available storage is subject to change based on system software and updates and apps usage. 1 GB = 1 billion bytes. 1 TB = 1,000 GB. See Surface Storage for more details.

<sup>7</sup>Microsoft's Limited Warranty is in addition to your consumer law rights.



# Surface Book 3

Freedom to teach and learn



## Meet the new Surface Book 3 for Education

### Laptop, tablet, and studio in one

Our most powerful Surface laptop delivers three modes to work in, freeing you to tackle complex technical and creative work wherever you are:

- Robust laptop with added processing power to handle the most demanding software. Surface Book 3 features the latest Quad-core 10th Gen Intel® Core™ processors, and up to 32GB of RAM.
- Powerful tablet supporting touch, sketching, and writing.
- Portable studio delivering breakthrough graphics performance and faster rendering. Choose between next-level Quadro® and NVIDIA® GeForce® GPUs, powered by up to 2TB SSD<sup>1</sup> for lightning-fast, pro-level storage.



### Innovation at school and at home

Leave your desk behind on a game-changing laptop built for the modern ways of teaching and learning.

- Detach the 13.5" or 15" display twice as fast, and you have a large tablet with the processing power of a laptop.
- Make your videos, music, and virtual meetings come to life, with immersive, spatial Dolby Atmos® sound, dual far-field Studio Mics, and vibrant visuals on a PixelSense™ touchscreen.
- Sketch, handwrite, draw, modify, and share naturally using Surface Pen\* and Surface Dial.\*



### Powerhouse performance

Work in all the ways you want. Code, run models, or create in CAD. Detach and re-attach the display to face your audience, then share your presentation. Capture content, refine, and edit from your couch. Create stunning graphics and 3D designs and render them at faster speeds.

- Choose from four different modes (Laptop, Tablet, Portable Studio, and View) to fit the task at hand.
- Get the best graphics performance of any Surface laptop yet.
- Instantly transform Surface Book 3 into an efficient desktop workstation with new Surface Dock 2.\*
- Connect to all your devices with USB-A and USB-C® ports, plus full-sized SD card slot and Surface Connect.



## Best of Microsoft

Surface Book 3 for Education seamlessly integrates Windows 10 and Microsoft 365, combining enterprise-grade security, powerful management tools, and enhanced productivity tools.

- Work smarter with your favorite Microsoft 365 apps.\*
- Simplify IT practices with rapid, remote deployment and premium support.
- Ensure security from the chip to the cloud and protect company data with the latest Windows 10 Pro features.
- Leverage productivity tools and the ability to collaborate from anywhere.



## Technical specifications

<b>Dimensions</b>	Surface Book 3 13.5" i5: 12.3" x 9.14" x 0.51"-0.90" (312 mm x 232 mm x 13 mm-23 mm); i7: 12.3" x 9.14" x 0.59"-0.90" (312 mm x 232 mm x 15 mm-23 mm); Surface Book 3 15" 13.5" x 9.87" x 0.568-0.90" (343 mm x 251 mm x 15 mm-23 mm)	<b>Weight</b>	Surface Book 3 13.5" i5: 3.38 lb (1,534 grams) including keyboard i7: 3.62 lb (1,642 grams) including keyboard Surface Book 3 15" i7: 4.20 lb (1,905 grams) including keyboard
<b>Display</b>	Surface Book 3 13.5" Screen: 13.5" PixelSense™ Display Resolution: 3000 x 2000 (267 PPI) Aspect ratio: 3:2 Contrast ratio: 1600:1 Touch: 10 point multi-touch G5 Surface Book 3 15" Screen: 15" PixelSense™ Display Resolution: 3240 x 2160, (260 PPI) Aspect ratio: 3:2 Contrast ratio: 1600:1 Touch: 10 point multi-touch G5	<b>Storage<sup>1</sup></b>	[US] Surface Book 3 15" Solid-state drive (SSD) options: 256GB, 512GB, 1TB, or 2TB PCIe SSD  [ROW] Surface Book 3 15" Solid-state drive (SSD) options: 256GB, 512GB, or 1TB PCIe SSD
<b>Memory</b>	Surface Book 3 13.5" 8GB, 16GB, or 32GB 3733Mhz LPDDR4x Surface Book 3 15" 16GB or 32GB 3733Mhz LPDDR4x	<b>Battery Life<sup>2</sup></b>	Surface Book 3 13.5" connected to keyboard base: Up to 15.5 hours of typical device usage Surface Book 3 15" connected to keyboard base: Up to 17.5 hours of typical device usage
<b>Processor</b>	Surface Book 3 13.5" Quad-core 10th Gen Intel® Core™ i5-1035G7 Processor Quad-core 10th Gen Intel® Core™ i7-1065G7 Processor Surface Book 3 15" Quad-core 10th Gen Intel® Core™ i7-1065G7 Processor	<b>Graphics</b>	Surface Book 3 13.5" Intel® Iris™ Plus Graphics (on Intel® i5-1035G7 models) NVIDIA® GeForce® GTX 1650 with Max-Q Design w/4GB GDDR5 graphics memory (on Intel® i7-1065G7 models) Surface Book 3 15" NVIDIA® GeForce® GTX 1660 Ti with Max-Q Design w/6GB GDDR6 graphics memory (on Intel® i7-1065G7 models) NVIDIA® Quadro RTX™ 3000 with Max-Q Design w/6GB GDDR6 graphics memory (on Intel® i7-1065G7 models)
<b>Security</b>	TPM 2.0 chip for enterprise security Enterprise-grade protection with Windows Hello face sign-in	<b>Connections</b>	2 x USB-A (version 3.1 Gen 2) 1 x USB-C® (version 3.1 Gen 2 with USB Power Delivery revision 3.0) 3.5mm headphone jack 2 x Surface Connect ports (one on keyboard base, one on tablet) Full-size SDXC card reader Compatible with Surface Dial* on- and off-screen interaction
<b>Software</b>	Windows 10 Pro Microsoft 365 30-day trial	<b>Cameras, video, and audio</b>	Windows Hello face authentication camera (front-facing) 5.0MP front-facing camera with 1080p HD video 8.0MP rear-facing autofocus camera with 1080p HD video Dual far-field Studio Mics Front-facing stereo speakers with Dolby Atmos®
<b>Sensors</b>	Ambient light sensor, Proximity sensor, Accelerometer, Gyroscope, Magnetometer	<b>Wireless</b>	Wi-Fi 6: IEEE 802.11ax compatible Bluetooth® Wireless 5.0 technology Xbox Wireless built in (15" only) <sup>3</sup>
<b>What's in the box</b>	Surface Book 3 13.5" i5: 65W Surface Power Supply w/USB-A (5W) charging port i7: 102W Surface Power Supply w/USB-A (7W) charging port Quick Start Guide Safety and warranty documents  Surface Book 3 15" i7: Microsoft Surface 127W Power Supply w/USB-A (7W) charging port Quick Start Guide Safety and warranty documents	<b>Exterior</b>	Casing: Magnesium Color: Platinum Physical buttons: Volume, Power
		<b>Warranty<sup>4</sup></b>	1-year limited hardware warranty

\*Sold separately.

<sup>1</sup>1TB. System software and updates use significant storage space. Available storage is subject to change based on system software and updates and apps usage. 1GB = 1 billion bytes. 1TB = 1,000GB. See [Surface Storage](#) for more details.

<sup>2</sup>Surface Book 3 13.5" connected to keyboard base: Up to 15.5 hours of battery life based on typical Surface device usage. Testing conducted by Microsoft in April 2020 using preproduction software and preproduction configurations of Surface Book 3 13.5" Intel® Core™ i5, 256GB, 8 GB RAM. Testing consisted of full battery discharge with a mixture of active use and modern standby. The active use portion consists of (1) a web browsing test accessing 8 popular websites over multiple open tabs, (2) a productivity test utilizing Microsoft Word, PowerPoint, Excel and Outlook, and (3) a portion of time with the device in use with idle applications. All settings were default except screen brightness was set to 150nits with Auto-Brightness disabled. Wi-Fi was connected to a network. Battery life varies significantly with settings, usage and other factors.

Surface Book 3 15" connected to keyboard base: Up to 17.5 hours of battery life based on typical Surface device usage. Testing conducted by Microsoft in April 2020 using preproduction software and preproduction configurations of Surface Book 3 15" Intel® Core™ i7, 256GB, 16 GB RAM. Testing consisted of full battery discharge with a mixture of active use and modern standby. The active use portion consists of (1) a web browsing test accessing 8 popular websites over multiple open tabs, (2) a productivity test utilizing Microsoft Word, PowerPoint, Excel and Outlook, and (3) a portion of time with the device in use with idle applications. All settings were default except screen brightness was set to 150nits with Auto-Brightness disabled. Wi-Fi was connected to a network. Battery life varies significantly with settings, usage and other factors.

<sup>3</sup>Xbox Wireless controller support available in select global markets.

<sup>4</sup>Microsoft's Limited Warranty is in addition to your consumer law rights.

# Surface Pro 7

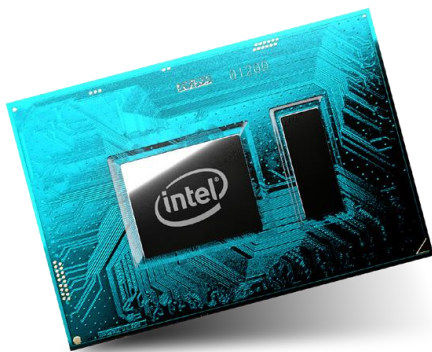
More from the Pro you know



## Meet the new Surface Pro 7 for Education

### A 2-in-1 for all the ways you teach and learn

Work your way as Surface Pro 7 moves from an ultra-light and versatile laptop, to a powerful tablet, to a portable studio. With better connectivity than ever with USB-C® and USB-A ports for connecting to displays and docks, and charging your phone and accessories, Surface Pro 7 shows up in all the ways work and life demand.



### Next-gen power that's ready when you are

New Surface Pro 7 moves at the speed of your business, running your essential business apps with faster multitasking and improved graphics. Get more power than ever with the latest 10th Gen Intel® Core™ processor and all-day battery life,<sup>1</sup> and get back to work quickly with Instant On, Fast Charging, and improved standby.

### Powerful graphics to fuel creativity

We've optimized with improvements you asked for, while keeping design consistent so you can continue to use the accessories and Type Covers you've already got. Available in Platinum or Matte Black, you also have the option to add stunning new colors<sup>2</sup> to your Type Covers\* assortment.



## Make the most of Microsoft 365

Modernize your workplace with connected experiences from Surface and Microsoft 365,\* the cloud-powered productivity service that empowers people, data, and systems to communicate in new ways. The advanced security management capabilities of Windows 10 Pro built into Surface devices make them reliable, protected, and easy to deploy and manage.



## Technical specifications

<b>Dimensions</b>	11.5" x 7.9" x 0.33" (292 mm x 201 mm x 8.5 mm)	<b>Storage<sup>3</sup></b>	Solid-state drive (SSD) options: 128GB, 256GB, 512GB, or 1TB
<b>Display</b>	Screen: 12.3" PixelSense™ Display Resolution: 2736 x 1824 (267 PPI) Aspect ratio: 3:2 Touch: 10-point multi-touch	<b>Battery life<sup>1</sup></b>	Up to 10.5 hours of local video playback
<b>Memory</b>	4GB, 8GB, or 16GB 3733 MHz LPDDR4x	<b>Graphics</b>	Intel® UHD Graphics (i3) Intel® Iris™ Plus Graphics (i5, i7)
<b>Processor</b>	Dual-core 10th Gen Intel® Core™ i3-1005G1 Processor Quad-core 10th Gen Intel® Core™ i5-1035G4 Processor Quad-core 10th Gen Intel® Core™ i7-1065G7 Processor	<b>Connections</b>	USB-A USB-C® 3.5mm headphone jack Surface Connect Surface Type Cover Port <sup>4</sup> MicroSDXC card reader Compatible with Surface Dial off screen
<b>Security</b>	TPM 2.0 chip for enterprise security Enterprise-grade protection with Windows Hello face authentication camera	<b>Cameras, video, and audio</b>	Windows Hello face authentication camera (front-facing) 5.0MP front-facing camera with 1080p full HD video 8.0MP rear-facing autofocus camera with 1080p full HD video Dual far-field Studio Mics 1.6W stereo speakers with Dolby® Audio™ Premium
<b>Software</b>	Windows 10 Pro 1 month trial for new Microsoft 365 customers	<b>Wireless</b>	Wi-Fi 6: 802.11ax compatible Bluetooth Wireless 5.0 technology
<b>Sensors</b>	Ambient light sensor, Accelerometer, Gyroscope, Magnetometer	<b>Exterior</b>	Casing: Signature unibody magnesium design with hidden perimeter venting Colors: Platinum, Matte Black <sup>5</sup> Physical buttons: Volume, Power
<b>What's in the box</b>	Surface Pro 7 Power supply Quick Start Guide Safety and warranty documents	<b>Warranty</b>	1-year limited hardware warranty
<b>Weight (not including type cover)</b>	i3, i5: 1.70 lb (775 grams) i7: 1.74 lb (790 grams)		

\*Sold separately

<sup>1</sup>Surface Pro 7: Up to 10.5 hours of battery life based on typical Surface device usage. Testing conducted by Microsoft in September 2019 using preproduction software and preproduction Intel® Core™ i5, 256GB, 8 GB RAM device. Testing consisted of full battery discharge with a mixture of active use and modern standby. The active use portion consists of (1) a web browsing test accessing 8 popular websites over multiple open tabs, (2) a productivity test utilizing Microsoft Word, PowerPoint, Excel and Outlook, and (3) a portion of time with the device in use with idle applications. All settings were default except screen brightness was set to 150nits with Auto-Brightness disabled. Wi-Fi was connected to a network. Battery life varies significantly with settings, usage and other factors.

<sup>2</sup>Available colors for Type Cover (sold separately) and Surface Pro 7 may vary by market and configuration.

<sup>3</sup>System software and updates use significant storage space. Available storage is subject to change based on system software and updates and apps usage. 1 GB = 1 billion bytes. 1 TB = 1,000 GB. See Surface Storage for more details.

<sup>4</sup>Compatible with the Surface Pro Type Cover and Surface Pro Signature Type Cover only (sold separately).

<sup>5</sup>Available colors for Type Cover (sold separately) and Surface Pro 7 may vary by market and configuration.



# Surface Laptop 3

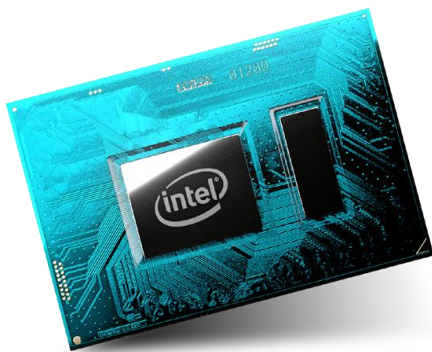
The perfect everyday laptop



## Premium craftsmanship designed for productivity

### Designed to fuel your ideas

A thin, light, elegant design that makes an impact. Choose from rich tone-on-tone colors like Platinum, Cobalt Blue, Matte Black, and new Sandstone,<sup>1</sup> and two durable keyboard finishes: warm Alcantara® material or cool, new metal. Now in two sizes—13.5" or a new, larger 15" PixelSense™ Display interactive touchscreen, both with stunning, razor-sharp resolution and optimized with strengthened glass.



### Performance to power your productivity

Improved speed and performance help you get it all done. Run academic software and study apps you depend on with the latest 10th Gen Intel® Core™ Processor, improved graphics, and up to 32 GB of RAM and 1 TB of storage.<sup>2</sup> Stay on task with all-day battery life up to 11.5 hours<sup>3</sup> plus improved standby that extends your battery when you're away. When you do need to recharge, Fast Charging powers your battery up to 80% in about one hour.

### Work with more modern connections

New Surface Laptop 3 keeps you connected in more ways than ever. Connect to displays and docking stations, and charge accessories with USB-C® and USB-A ports. Be heard loud and clear with enhanced, dual far-field Studio Mics. And show up great in video calls with the front-facing 720p f2.0 HD camera.



# Make the most of Microsoft 365

Modernize your workplace with connected experiences from Surface and Microsoft 365,\* the cloud-powered productivity service that empowers people, data, and systems to communicate in new ways. The advanced security management capabilities of Windows 10 Pro built into Surface devices make them reliable, protected, and easy to deploy and manage.



## Technical specifications

<b>Dimensions</b>	Surface Laptop 3 13.5": 12.1" x 8.8" x .57" (308 mm x 223 mm x 14.51 mm) Surface Laptop 3 15": 13.4" x 9.6" x .57" (339.5 mm x 244 mm x 14.69 mm)	<b>Storage<sup>3</sup></b>	Removable solid-state drive (SSD) options: 128GB, 256GB, 512GB, 1TB
<b>Display</b>	Surface Laptop 3 13.5": <ul style="list-style-type: none"> <li>Screen: 13.5" PixelSense™ Display</li> <li>Resolution: 2256 x 1504 (201 PPI)</li> <li>Aspect ratio: 3:2</li> <li>Surface Pen* enabled</li> <li>Touch: 10 point multi-touch</li> </ul> Surface Laptop 3 15": <ul style="list-style-type: none"> <li>Screen: 15" PixelSense™ Display</li> <li>Resolution: 2496 x 1664 (201 PPI)</li> <li>Aspect ratio: 3:2</li> <li>Surface Pen* enabled</li> <li>Touch: 10 point multi-touch</li> </ul>	<b>Battery life<sup>3</sup></b>	Surface Laptop 3 13.5": Up to 11.5 hours of typical device usage Surface Laptop 3 15": Up to 11.5 hours of typical device usage
<b>Memory</b>	Surface Laptop 3 13.5": 8GB or 16GB LPDDR4x RAM Surface Laptop 3 15": 8GB, 16GB, or 32GB LPDDR4x RAM	<b>Graphics</b>	Intel® Iris™ Plus Graphics 950
<b>Processor</b>	Quad-core 10th Gen Intel® Core™ i5-1035G7 Processor Quad-core 10th Gen Intel® Core™ i7-1065G7 Processor	<b>Connections</b>	1 x USB-C® 1 x USB-A 3.5 mm headphone jack 1 x Surface Connect port Compatible with Surface Dial off-screen interaction*
<b>Security</b>	TPM 2.0 chip for enterprise security Enterprise-grade protection with Windows Hello face sign-in	<b>Cameras, video, and audio</b>	Windows Hello face authentication camera (front-facing) 720p HD f2.0 camera (front-facing) Dual far-field Studio Mics Omnisonic speakers with Dolby® Audio™ Premium
<b>Software</b>	Windows 10 Pro 1 month trial for new Microsoft 365 customers	<b>Wireless</b>	Surface Laptop 3 13.5": Wi-Fi 6: 802.11ax compatible Surface Laptop 3 15": Wi-Fi 5: 802.11ac compatible Bluetooth® Wireless 5.0 technology
<b>Sensors</b>	Ambient light sensor	<b>Exterior</b>	Casing: Aluminium Power and Volume buttons on keyboard Surface Laptop 3 13.5" colors: <sup>2</sup> <ul style="list-style-type: none"> <li>Sandstone with metal palm rest</li> <li>Matte Black with metal palm rest</li> <li>Cobalt Blue with Alcantara® material palm rest</li> <li>Platinum with Alcantara® material palm rest</li> </ul> Surface Laptop 3 15" colors: <sup>2</sup> <ul style="list-style-type: none"> <li>Matte Black with metal palm rest</li> <li>Platinum with metal palm rest</li> </ul>
<b>What's in the box</b>	Surface Laptop 3 Power Supply Quick Start Guide Safety and warranty documents	<b>Warranty</b>	1-year limited hardware warranty
<b>Weight (not including type cover)</b>	Surface Laptop 3 13.5" in Matte Black and Sandstone: 2.84 lb (1,288 g) Surface Laptop 3 13.5" in Platinum and Cobalt Blue: 2.79 lb (1,265 g) Surface Laptop 3 15" in Platinum and Matte Black: 3.40 lb (1,542 g)	<b>Best-in-class support from Microsoft Store</b>	30-day return policy 90 days of free technical phone support 12 months in-store support and technical assistance 1 free 60-minute training session

\*Sold separately

<sup>1</sup>Surface Pro 7: Up to 10.5 hours of battery life based on typical Surface device usage. Testing conducted by Microsoft in September 2019 using preproduction software and preproduction Intel® Core™ i5, 256GB, 8 GB RAM device. Testing consisted of full battery discharge with a mixture of active use and modern standby. The active use portion consists of (1) a web browsing test accessing 8 popular websites over multiple open tabs, (2) a productivity test utilizing Microsoft Word, PowerPoint, Excel and Outlook, and (3) a portion of time with the device in use with idle applications. All settings were default except screen brightness was set to 150nits with Auto-Brightness disabled. Wi-Fi was connected to a network. Battery life varies significantly with settings, usage and other factors.

<sup>2</sup>Available colors for Type Cover (sold separately) and Surface Pro 7 may vary by market and configuration.

<sup>3</sup>System software and updates use significant storage space. Available storage is subject to change based on system software and updates and apps usage. 1 GB = 1 billion bytes. 1 TB = 1,000 GB. See Surface Storage for more details.

<sup>4</sup>Compatible with the Surface Pro Type Cover and Surface Pro Signature Type Cover only (sold separately).

<sup>5</sup>Available colors for Type Cover (sold separately) and Surface Pro 7 may vary by market and configuration.



# Surface Hub 2S

Teamwork without boundaries

## Teamwork anywhere

Empower teams to collaborate whenever and wherever their ideas strike. Thin and lightweight, Surface Hub 2S enables mobile, cordless,<sup>1</sup> uninterrupted teamwork. Turn any space into a teamwork space.

- Move collaboration anywhere with Surface Hub 2S—at just 61.6 lb (28 kg), it's 40% lighter than before<sup>2</sup>
- Experience mobile, cordless, uninterrupted team collaboration that moves with you with the Steelcase Roam™ Mobile Stand and APC™ Charge Mobile Battery<sup>1</sup>
- Enhance any workspace with a sleek, modern design with an ultra thin edge and 15 mm bezels

## Bring remote teams together

Be seen, be heard, and actively participate in the group discussion with best-in-class technology. Remote meetings and ad-hoc calls run seamlessly with Microsoft Teams<sup>3</sup> or Skype for Business.<sup>3</sup>

- Engage remote teams with a Surface Hub 2 Camera,<sup>4</sup> far-field mics, and crystal clear speakers
- Videos look clear and crisp on a brilliant, 4K+ screen
- High resolution and amazing graphics performance
- Run remote meetings and make ad-hoc calls seamlessly with Microsoft Teams<sup>3</sup> or Skype for Business<sup>3</sup>

## Fluid team collaboration

Everything you need at your fingertips. Interact naturally with Surface Hub 2 Pen<sup>4</sup> and touch. Use Microsoft Whiteboard and leading industry apps to keep teams in their flow. Access and share content easily from one device.

- Interact naturally with Surface Hub 2 Pen and touch, and sign in to Surface Hub 2S to grab your OneDrive files or project wirelessly with Miracast
- Take class brainstorms to the next level with Microsoft Whiteboard, a persistent digital canvas that students can contribute to anytime, anywhere—across devices
- Use the apps you need—take advantage of native integration with Office 365,<sup>3</sup> Edge, and leading third-party apps<sup>5</sup>

<sup>1</sup>Steelcase Roam™ Mobile Stand, Steelcase Roam™ Wall Mount, and APC™ Charge Mobile Battery are sold separately.

<sup>2</sup>Weight excludes stand and mobile battery. Compared with a 55" Microsoft Surface Hub.

<sup>3</sup>Software license required for some features. Sold separately.

<sup>4</sup>One (1) Surface Hub 2 Pen and one (1) Surface Hub 2 Camera included with Surface Hub 2S. Additional accessories sold separately.

<sup>5</sup>Third-party apps sold separately.



## Technical specifications

<b>Dimensions</b>	29.2" x 43.2" x 3.0" (741 mm x 1097 mm x 76 mm)	<b>Audio/Video</b>	Full range front-facing 3-way stereo speakers Full band 8-element MEMS microphone array Microsoft Surface Hub 2 Camera, 4K, USB-C® connection, 90 degree HFOV
<b>Weight</b>	61.6 lb (28 kg)	<b>Pen</b>	Microsoft Surface Hub 2 Pen (active)
<b>Resolution</b>	3840 x 2560	<b>Software</b>	Windows 10 Microsoft Teams for Surface Hub <sup>2</sup> Skype for Business <sup>2</sup> Microsoft Whiteboard Microsoft 365 (Mobile) Microsoft Power BI <sup>2</sup>
<b>Display</b>	PixelSense™ Display, 3:2 aspect ratio, 10-bit color, 15.5 mm border, anti-glare, IPS LCD	<b>Exterior</b>	Casing: Precision machined aluminum with mineral-composite resin Color: Platinum Physical Buttons: Power, Volume, Source
<b>Compute</b>	Quad-core 8th Generation Intel® Core™ i5 processor, 8GB RAM, 128GB SSD1	<b>What's in the box</b>	(1)Surface Hub 2S (1)Surface Hub 2 Pen (1)Surface Hub 2 Camera 3m AC Power Cable Quick Start Guide
<b>Graphics</b>	Intel® UHD 620	<b>Warranty</b>	1-year limited hardware warranty
<b>Wireless</b>	Wi-Fi 5 (IEEE 802.11 a/b/g/n/ac compatible) Bluetooth Wireless 4.1 technology Miracast Display		
<b>Connections</b>	USB-A Mini-DisplayPort Video Output RJ45 Gigabit Ethernet HDMI Video Input USB-C® with DisplayPort Input (4)USB-C® (on display)		
<b>Sensors</b>	Doppler occupancy sensor Accelerometer Gyroscope		

## For more information about Surface Hub 2S

[microsoft.com/en-us/surface/business/surface-hub-2](https://microsoft.com/en-us/surface/business/surface-hub-2)

Surface Hub 2S has not yet been authorized under U.S. Federal Communications Commission (FCC) rules; actual sale and delivery is contingent on compliance with applicable FCC requirements.

<sup>1</sup>System software uses significant storage space. Available storage is subject to change based on system software updates and apps usage. 1 GB= 1 billion bytes. See [Surface.com/Storage](https://surface.com/Storage) for more details.

<sup>2</sup>Software license required for some features. Sold separately.