

# Laptops Designed by Microsoft

Designed by Microsoft, Surface devices are thoughtfully built, adapting in versatile ways to how teams work, learn, and create. More than a laptop, Surface unlocks the potential of people and businesses to be more innovative. Flexibility comes in a variety of form factors putting high-powered productivity at your team's fingertips – no matter where work happens. And world-class security is built in to provide peace of mind. More than a laptop, Surface unlocks the potential of people and businesses to do more.

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### Meet the portfolio

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# Laptops Designed by Microsoft

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# Laptops Designed by Microsoft



### Built for security, designed for trust

Held to the same standard as all Microsoft services and software Microsoft Surface devices provide uncompromising chip-to-cloud security, put ultimate control in your hands, and provide peace of mind wherever and however work gets done. In a global environment where security threats are ever-increasing in sophistication, Surface provides world-class security across multiple layers including hardware, firmware, software, application, and identity. From conceptual design to a team members' first Hello – Surface reduces complexity and elevates trust.



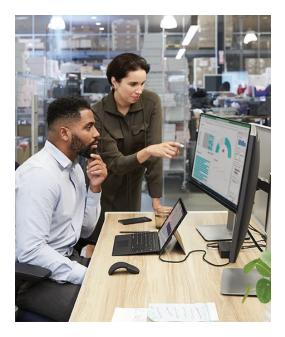
### Designed to simplify management

Do more with less—less resources, less complexity, and less associated risk. From the start, Surface devices are designed by Microsoft to give employees the versatility they need and IT pros the control and agility to keep business running efficiently. When it comes to managing those devices, a standardized Surface portfolio combined with Microsoft Endpoint Manager (MEM) enables agility in deployment and management of your investment. Improved IT efficiency, reduced overhead and support costs, and minimized downtime are all benefits seen by organizations that have adopted Surface.

# Why choose Surface

"[Surface] meets the use cases here. They're ergonomic, lean, and mobile. For the Surface Pros, our employees are also able to use them as a detachable tablet."

Annuity and life insurance provider Brighthouse Financial, Inc. is focusing on ways to boost innovation and rethink its entire technology platform. Microsoft Surface and Teams support its cloud-first, SaaS-focused environment to help drive new ways of collaborating across the company, and to enable employees to more efficiently deliver on the company's mission of helping people achieve financial security.



Tolu Thomas - Director of End User Computing Services





"Now, I use a Surface Laptop Studio—a beautiful, streamlined device that's much more powerful than the last one and easily runs the most complex creative software. I can take photos with my mobile device, use it as a hotspot, and do whatever I need to do from a construction truck, even in a remote area."

Maria Rodriguez - Digital Media and Marketing Specialist

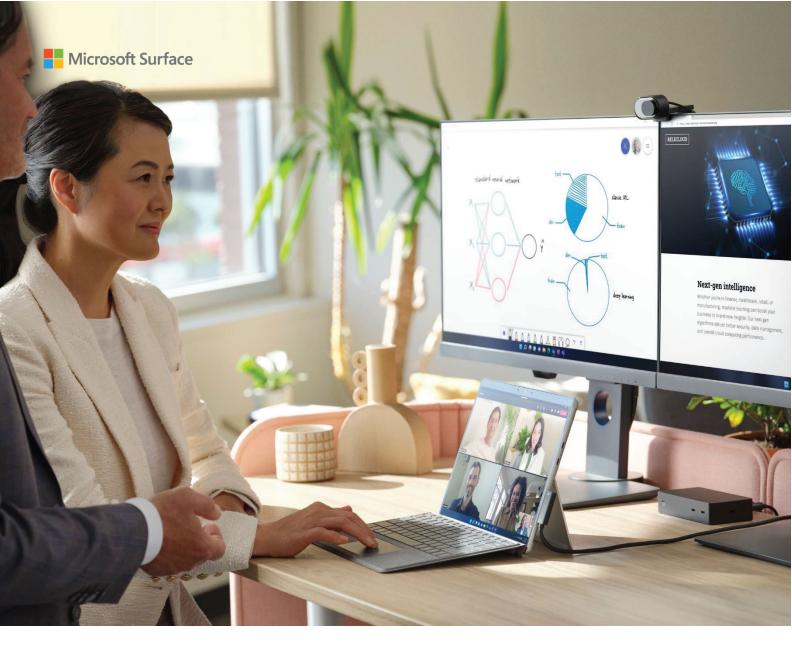


"I love the Microsoft Surface Go 2. I love the fact that it's small and it's light and I can unplug it and take it into the office with me or I can unplug it and sit on my sofa on a video call."

Michelle Barnett - Service Relationship Manager







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○ 20% reduction in security breaches, annually, for Surface device users<sup>1</sup>

17% reduction in endpoint security costs when using a portfolio of Surface devices<sup>1</sup>

### Footnotes and disclaimers:

<sup>1</sup> Maximizing Your ROI From Microsoft 365 Enterprise With Microsoft Surface, a commissioned Total Economic Impact<sup>™</sup> study conducted by Forrester Consulting, July 2020. Results based on a composite organization with a Microsoft 365 Enterprise E5 license and standardized mix of Surface Book 3, and Surface Hub devices set up and configured using Windows Autopilot and onboarded to the Microsoft Defender ATP service. Based on a survey of 143 Global Microsoft 365 powered device users.







UEFI



System

Cloud

Solutions

# Built for peace of mind

Every Surface device is designed with industry-leading security. TPM 2.0 protects and controls authentication. BitLocker encryption is enabled by default on all Surface end-user devices (reducing the amount of time needed to deploy with AutoPilot and ensuring all users receive secure devices out-of-the-box). Most Surface device features the Microsoft-designed and built unified extensible firmware interface (UEFI)<sup>2</sup> to control device firmware and select devices feature secured -core

PC. Industry-leading biometrics provides device owners instant and more secure access with Windows Hello for Business, replacing passwords with strong, two-factor authentication. And, to minimize risk end-to-end, Surface continuously evaluates supplier security in manufacturing and works with resellers to develop security-focused distribution logistics.

# Ultimate control

Ultimate control remains in your hands long after deployment through a variety of features. Built with and for the Windows and Microsoft 365 security stack, our devices not only meet every standard for a highly secured PC but are also capable of automatically receiving updates from the dynamic world of defensive security. Microsoft UEFI, able to be remotely configured gives you control over security updates on your timeline and ensures device protection from factory floor to the end-user.

A secure boot – enabled by default – further protects against firmware tampering. IT Admins can monitor device health remotely, gain insights, and retain control through the Surface Management Portal. And, removable SSD, standard on most Surface devices, enables retention of sensitive data.<sup>3</sup>

### Footnotes and disclaimers:

<sup>4</sup> Subscription required.

<sup>&</sup>lt;sup>2</sup> Surface Go and Surface Go 2 use a third-party UEFI and do not support DFCI. For details on Microsoft protection for Surface Go and Go 2.

<sup>&</sup>lt;sup>3</sup> Available service options for SSD replacement may vary by device and/or market. Devices returned to Microsoft with a missing SSD may be subject to an SSD replacement fee unless the user is enrolled in the Drive (SSD) Retention offer. Opening and/or repairing your device can present electric shock, fire and personal injury risk and other hazards. Use caution if undertaking do-it-yourself repairs. Device damage caused during repair will not be covered under Microsoft's Hardware Warranty or protection plans.

<sup>&</sup>lt;sup>5</sup> Software license required for some features. Sold separately.

# Built for security, designed for trust

With the introduction of Microsoft Surface Pro 7 with Virtual Desktop Infrastructure (VDI), we were able to connect to two networks on one device without compromising security.

The Korea Development Bank (KDB) has led the growth of the national economy in the last half-century. With the industry's move towards digitalization, the national bank sought to enable hybrid working for employees while maintaining network security. KDB decided to deploy Microsoft Surface Pro 7 with Virtual Desktop Infrastructure (VDI) for their needs. The decision eventually helped it maintain business continuity in the midst of the COVID-19 pandemic—from managing multiple customer service tasks to remote meetings.



Ki Bok Kim - Deputy General Manager of the IT Planning Department





"We also collaborate across offices; employees may go from one office to another to work with different teams. With Surface Laptop, employees have the mobility to more securely work anywhere."

**Mark Grosvenor** - Executive Vice President and Chief Technology Officer

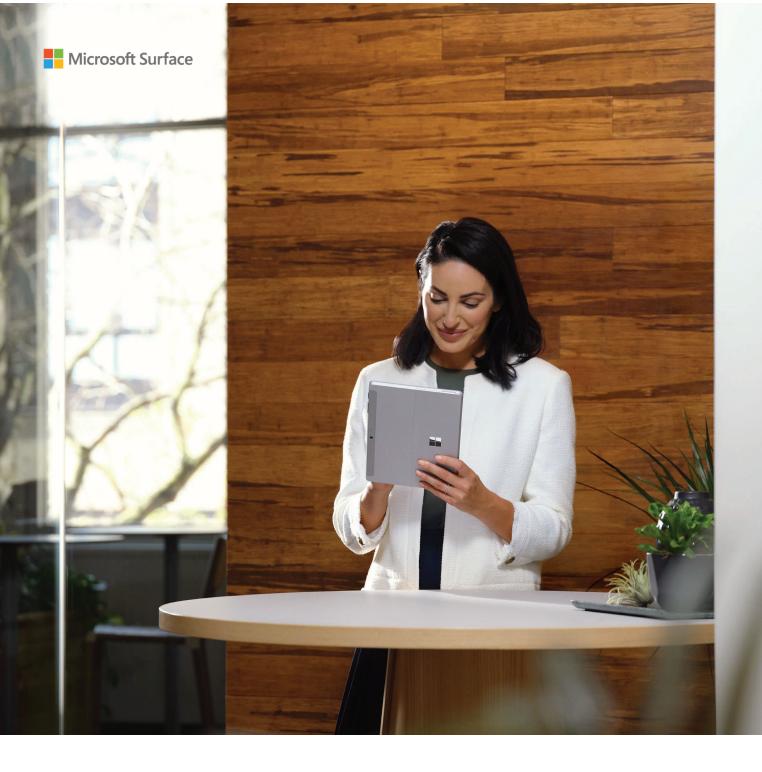


"Microsoft provides all of the services and defenses we need for ourselves and our customers on the same platform."

David Gramblicka - Senior Vice President of IT







# Designed to simplify management

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# Designed to simplify management



### Reduce complexity

across your Surface portfolio with Microsoft 365 remote deployment and centralized management. With MEM and Surface Management Portal, you can see all managed, co-managed, and partner-managed Surface devices in one place. From here, your team can remotely synchronize and deploy firmware and driver updates to thousands of Surface devices, at scale, with just a few clicks through the cloud.<sup>2</sup> Surface devices have the ability to enroll in this capability through Windows Autopilot where zero-touch device provisioning means new employees can begin work faster, personal devices can be enrolled seamlessly, and files and applications can be accessed from home with security. Need to deprovision? This can be done automatically when a device needs to be returned or swapped.



# Reduce costs and protect your portfolio investment

with secure devices that evolve with your business—and warranties and extended service plans—that provide convenience and peace of mind. If something goes wrong, you're covered with accidental damage protection from drops, spills, and cracked screens. Whether faced with an end-of-life or service event, select Surface devices enable you to retain the SSD so you can remain in control of your sensitive data.<sup>3</sup> And, Surface continues to innovate on repairable features that help you stay productive by allowing you to choose how you want to service your device – whether you self-repair, send it to an in-region facility, or work through our growing network of trusted Authorized Service Providers that deliver effective, safe, and secure repair services.

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# Do more with less, designed by Microsoft

" How the [Windows Autopilot and Intune] software is packaged and distributed allowed completely remote software and [Surface] laptop distribution. People were in and out [of the drive-through center for device distribution] —I think this is not an exaggeration—in 30 seconds. It was tremendous. \*\*

Annuity and life insurance provider Brighthouse Financial, Inc. is focusing on ways to boost innovation and rethink its entire technology platform. Microsoft Surface and Teams support its cloud-first, SaaS-focused environment to help drive new ways of collaborating across the company, and to enable employees to more efficiently deliver on the company's mission of helping people achieve financial security.



Jeff Hughes - Chief Technology Officer







"It [Windows Autopilot and Microsoft Intune] has transformed what we've been able to do as a comparatively small team. We're configuring polices in the cloud to easily manage all 800 [Surface] devices, rather than needing to update 800 different devices in person. We are a very lean team and this has absolutely transformed the way we operate."

Ed Spick - Director of Information & **Technology Services** 



"We can rapidly move on our strategy by onboarding a workforce in very short order, getting up to 200 [Surface] laptops out, and giving our people access to an environment to start building and proving our hypotheses, which we would otherwise be sharpening on paper for a long time."

Kelvin Lim - Chief Technology Officer

### ×15ventures



"With Surface Pro 7 devices, we have the flexibility to very quickly create and deploy an application. And because of the power of the Surface Pro 7 devices, we can add features that we couldn't add with previous hardware."

Jeff Broadhead - Chief Technology Officer







# Flexibility that will reshape the workday

Work comes in all shapes, sizes, and places. Built for versatility and choice of performance, each Surface 2-in-1 features the iconic kickstand combined with the PixelSense<sup>™</sup> touch display, and connects with our signature keyboard, and Surface Pen.<sup>1</sup> Every Surface 2-in-1 is capable of seamlessly transforming from a full touchscreen laptop into a portable tablet, a digital canvas, or a docked workstation. Optional LTE<sup>2</sup> or 5G can keep frontline, remote, and work from anywhere teams connected. And performance—from the most powerful Surface Pro 9 to the compact Surface Go 3—is customizable to your teams' needs. This is portability and connectivity, made to flex to the way your team works.

Footnotes and disclaimers:

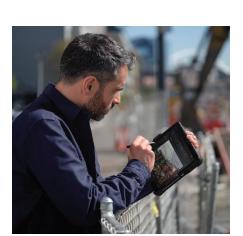
<sup>1</sup> Signature keyboard and Surface Pen sold separately.

<sup>2</sup> LTE functionality available on select configurations only. Service availability and performance subject to service

provider's network. Contact your service provider for details.

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# Flexibility that will reshape the workday

"

Surface devices combined with Teams have created a way for colleagues to quickly reach each other and get the information they need instantly. **\*** 

To serve customers in the new, modernized Marks & Spencer, communication between frontline workers is essential. "In the past, the vast majority of colleagues were not connected at all," says Berendji. "One of the key elements of our transformation program was to give our management colleagues Surface Go; we've distributed 5,000 in total. Surface devices combined with Teams have created a way for colleagues to quickly reach each other and get the information they need instantly."

Sacha Berendji - Group Property, Store Development and Technology Director

M&S EST. 1884





"The Surface is great because you can transport it around with you wherever you need to go. I'm a really big user of a lot of the ease of access software. I have a visual impairment and I'm quite sensitive to sudden bright lights. I use a high-contrast mouse. I enlarge the size of it because I can often lose track of my mouse on a screen – especially when I have two screens. It just helps me to do my work more efficiently."

Philip Heritage-Vivers - Business Development Worker



"We began using Surface devices because they were robust and flexible. Surface Pro was one of the few devices that worked as a full-on computer, with a standard Windows operating system. It had to check a lot of boxes, both in physical features and the ability to support our experiments. And as our payload has evolved over nearly a decade, Surface Pro has evolved and added valuable new features."

Jordan Callaham - Laboratory Manager





"Every officer has got their Microsoft Surface tablet and a mobile phone. With our use of Microsoft 365, the Azure platform and what we've got in there, we're delivering on the agility and mobility piece. We're going on that journey with Microsoft, to make sure that our officers have got the right frontline information in front of them when they need it."

Andy Robson - Head of IT





# Surface 2-in-1 Category

Work comes in all shapes, sizes, and places. Designed by Microsoft and built for versatility and choice of performance, each Surface 2-in-1 runs the full version of Windows 10 or 11 and transforms from full touchscreen laptop with keyboard to portable tablet, digital canvas, or docked workstation. Optional LTE maintains connection and built-in security provides protection.



# SURFACE PRO 9

USE CASE Executives, engineers, content creators, researchers, information workers, field technicians, first responders

DISCOVER Our most powerful Pro, the Surface Pro 9 empowers flexible, all-day impact with tablet portability and laptop performance. From a video call at home to building a financial model at the office, or applying for a permit at a client's site, it has the next-level performance employees expect.

Long battery life, a PixelSense<sup>TM</sup> touchscreen designed for smooth inking, high-quality audio that brings brainstorming sessions to life, and an improved camera angle that places you squarely in the frame. These features, combined in a lightweight, ultra-thin portable form factor of premium Microsoft design, make work-from-anywhere a thing of the now.

# Intel® Evo™

From CAD files to Excel spreadsheets, crunch through bulky files and move between tasks quickly and securely with the secured-core PC and prolevel performance of a 12<sup>th</sup> Gen Intel® Core<sup>TM</sup> processor built on the Intel® Evo<sup>TM</sup> platform.<sup>2</sup>

# Microsoft SQ® 3 with 5G

For employees on the go who rely on connectivity and need instant access, quick multitasking, and longer battery life. Video calls feel more personal with AI-enabled, enhanced camera experiences; and at ultra-fast 5G speed, connectivity is more reliable. Security is built-in, protecting sensitive data with Microsoft Pluton.



SURFACE PRO 8 WITH OPTIONAL LTE ADVANCED Executives, information workers, field service, customer relationship managers, frontline workers Built for business, the Laptop Pro 8 has all the portability and versatility of our signature touchscreen tablets plus the powerful bandwidth of a laptop. Designed to keep data secure down to the firmware layer, it goes from sales floor to conference room, from patient's bedside to workstation, and from out-of-home interview to back-at-home desktop with an all-day battery.<sup>3</sup> Plug in multiple monitors and spend the rest of the day crunching spreadsheets, checking inventory, monitoring chat, and taking video calls at the same time.

The built-in 5.0MP 1080p front-facing camera improves brightness, low-light performance, and skin tone accuracy. The 10MP rear-facing camera captures video footage in 4K.

With LTE Advanced<sup>4</sup>, work becomes anywhere connectivity takes your team outside a traditional office setting.



# SURFACE GO 3

Field service, frontline, mobile customer service, students, teachers A durable, day-to-day computing experience that lets your team stay productive while on the move. Browse the web or video chat in tablet mode with its sturdy kickstand, then easily add our signature keyboard to take notes, run standard business apps, and answer emails. The 10.5" PixelSense<sup>TM</sup> touchscreen in a 3:2 aspect ratio provides full HD resolution and color accuracy alongside crisp audio quality – ideally suited for movies and video calls. At just 1.2lbs it's the perfect choice to reduce the weight of a student backpack or make a commute just a little bit lighter.

15 for or available in all areas compatibility and performance depends on carrier network, plan and other factors. See carrier for details and pricing. 2 Surface Pro 9 with 12<sup>th</sup> Gen Intel® Cove<sup>14</sup> processors and storage of 25GB and above are built on the Intel® For<sup>14</sup> platform. 3Battery life varies significantly based on usegae network and technication of partice provide and above are built on the Intel® For<sup>14</sup> platform. 3Battery life varies significantly based on usegae network and technication spin strengther and storage and storage and storage and storage and storage and storage. Still exact and storage and storage



# Designed to power productivity

Microsoft Surface Laptops have the performance to match any task and deliver a premium experience that unlocks your teams' potential. Take video calls, co-author presentations, and run analytical models simultaneously with lightning-fast performance and multitasking power. Choose from a variety of PixelSense™ touchscreen display sizes and three key form factors: The transformative Surface Laptop Studio with the ability to convert from laptop to creative canvas built for high-intensity work; or the sleek Surface Microsoft Surface Laptop 5 with incredible typing experience and power, or the lightweight portability of the streamlined Laptop Go 2 for essential work. These are the devices for your team to get more done.

# Designed to power productivity



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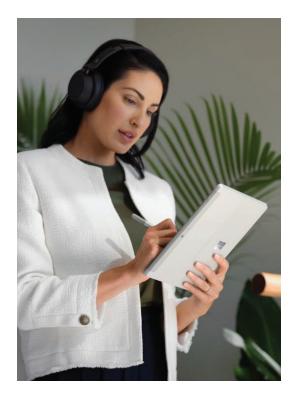
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# Designed to power productivity

Having the Microsoft Surface Go 2s and having Microsoft Teams in particular has really helped us because our operation is a national operation. Now, we're able to get together really quickly and I would say we're even more productive from that perspective than we were before.

Direct Line Group, a leading insurance provider serving millions of customers across the UK, needed to quickly transform their operations in response to the first COVID-19 lockdown. Committed to maintaining their customer service standards and efficiencies, they accelerated their deployment of additional Microsoft Surface Go 2 devices, Microsoft 365, and Microsoft Teams. This configuration contributed to improved employee productivity throughout the health crisis, and will be carried forward in Direct Line's post-pandemic hybrid work environment.

Jessie Burrows - Managing Director - Customer Sales, Service and Claims







"I hear appreciation from our Make-A-Wish employees for the light, thin form factor of the Surface devices. They're constantly on the move—at family homes, events—and they rave about ease and portability. Devices with touchscreens were rare for Make-A-Wish before. Now that we've standardized on Surface, people are embracing it easily to be more efficient and productive."

Scott Goodman - IT Support Specialist



"It's imperative that our colleagues in the field have devices and applications that are easy to use, load quickly, and are available when they need them. Physicality also plays a role—Surface devices have a touchscreen that offers practical functions like digital signatures."

Thomas Gessler - CIO





# Surface Laptop Category



SURFACE LAPTOP STUDIO

- USE CASE Engineers, designers, data analysts, and researcher
- DISCOVER Let your team work the way they want whether compiling code on a powerful business laptop, multitasking while docked on a perfectly angled stage, or sketching ideas on a full-horsepower creative studio.

Log in securely with Windows Hello then run circles around renders, tackle complex data, and sketch 3D visualizations, accelerate your team's creative genius and run computeintensive workloads. Create brilliantly with written notes and sketches on the 14.4" PixelSense<sup>TM</sup> Flow touchscreen<sup>2</sup> with true-to-life color, smoother scrolling and a quicker touch response.

Hear and be heard even while others simultaneously talk and laugh on calls, powered by Studio Mics with Voice Clarity<sup>3</sup>. Your voice sounds clearer, and skin tone accuracy and low-light video improves with HD camera. This high-performance business laptop is the most powerful Surface, delivering the highest graphics horsepower of any Surface device.

Thoughtfully built from the inside out, Microsoft Surface Laptops are designed to go beyond expectations and power productivity. They have the performance to match any task and deliver a premium experience that unlocks your teams' potential.



SURFACE LAPTOP 5

Executives and information workers

When your team's work speaks for itself, things can get loud. Surface Laptop 5 secured-core PC uplevels the experience of the day to day with more power, cinematic sound, longer battery life, and enhanced camera experiences powered by new Windows 11 interactive features. The 13.5" or 15" PixelSense"<sup>M</sup> touchscreen is our most responsive yet, making it even easier to move through a slideshow or drag and drop from PowerPoint to email with precision. The signature Surface 3:2 screen orientation adds more space for viewing vertical documents, scrolling web pages, or seeing more data for those crucial decisions. And the Dolby Vision IQ<sup>M</sup> automatically adjusts when the light around you changes for an incredible viewing experience.

Have a large video file to transfer? Lightningfast Thunderbolt<sup>™</sup> 4 port lets you connect a 4K monitor, charges your laptop, and delivers faster data transfers. And performance is never sacrificed, letting you multitask through deadlines and cross-country flights with up to 17 hours of battery life.

Sleek portability with premium performance, its available in two durable finishes – warm Alcantara® material or cool metal.



SURFACE LAPTOP 4

Executives and information workers

Designed with style and performance in mind, Surface Laptop 4 is thin and portable for those who commute yet powerful enough to see your team through most everyday workloads. Choose a 13" or 15" PixelSense<sup>TM</sup> touchscreen with 3:2 screen orientation – a signature Surface feature that adds more space for viewing vertical documents like web pages and spreadsheets. For those who spend time in video chat, a 720 HD camera provides sharp video chat, a 720 HD camera provides sharp video and image quality along with more accurate skin tones in varying light. Dual studio mics and Omnisonic speakers help your team hear and be heard whether its masking kids playing or bringing a brainstorming session to life. Quickly and securely log in with Windows Hello, then connect peripherals for charging, data. or to extend the display to dual 4K monitors with Surface Dock 2.2. Multi-task across professional-grade apps and move from videoconferencing to word processing through most of the workday without plugging in<sup>4</sup>. When a charge is needed, Fast Charge kicks in to keep tasks moving.

Two durable finishes – warm Alcantara® material or cool metal – bring refinement to desktop or design shop.



SURFACE LAPTOP GO 2

Business travelers, frontline workers, and field service.

Well-suited for life on the move and in the cloud, the Surface Laptop Go 2 secured-core PC is an ultraportable laptop for general, daily use. Students and business travelers can take basic tasks on the go like document creation, web surfing, and playing videos.

Collaborate in crisp, clear video calls and play video and sound smoothly with Dolby Audio Premium. Navigate naturally and intuitively on the 12.4" PixelSense™ touchscreen optimized for Windows 11 touch experience. A 4:3 screen aspect ratio, full high definition and narrow bezels help productivity by giving more visibility to scrolling spreadsheets and building web pages. Speaking of on-the-go, the Laptop Go 2's long battery life provides enough power for a full day of emails and writing, and Fast Charging quickly takes it from empty to full.

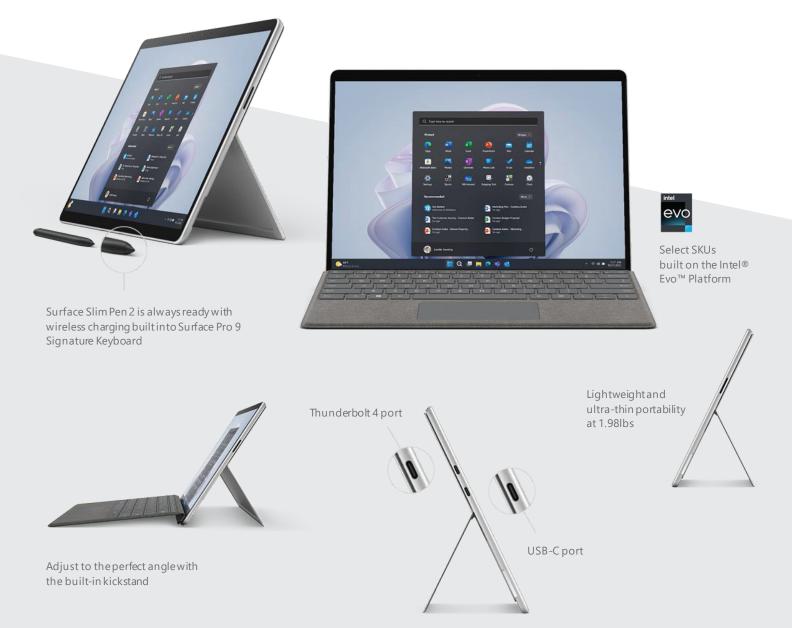
The formable of the WDIAs is closed organized and the set of the s

# Microsoft Surface Pro 9 The most powerful Pro

The go everywhere, work anywhere, wherever the day takes your team, 2-in-1 that performs like a laptop: Microsoft Surface Pro 9. The Windows 11 Secured-core PC and virtually edge-to-edge 13" PixelSense™ touch display with true-to-life color come together in a light, low-profile form to give your team the power they need for any path.

### BENEFITS

Get pro-level performance and unlock workstation-class power with optional 12th Gen Intel® Core™ processors built on the Intel® Evo™ platform and Thunderbolt™ 4. For employees on the go-go-go who need instant access, quick multitasking, and longer battery life, choose the latest generation Microsoft SQ® 3 processor. Security has never been more important; it's also never been easier with Surface Pro 9 and Microsoft SQ® 3. Pluton architecture secures sensitive data directly in the CPU, making it more difficult for attackers to access.



# Microsoft Surface Pro 9

### SIZE AND WEIGHT

Microsoft Surface

Surface Pro 9 Length: 11.3 inch (287 mm) Width: 8.2 inch (209 mm) Height: 0.37 inch (9.3 mm) Weight<sup>5</sup>: 1.94lb (879 g)

Surface Pro 9 with 5G Length: 11.3 inch (287 mm) Width: 8.2 inch (209 mm) Height: 0.37 inch (9.3 mm) Weight<sup>6</sup>: 1.95lb (883 g) (mmWave) or 1.94lb (878 g) (Sub6) MEMORY<sup>1</sup>

AND STORAGE

Surface Pro 9 Memory: 8GB, 16GB, 32GB (LPDDR5 RAM) Storage: Removable<sup>2</sup> drive (SSD) options: 128GB, 256GB, 512GB, 1TB

Surface Pro 9 with 5G Memory: 8GB or 16GB LPDDR4x RAM Storage: Removable<sup>3</sup> drive (SSD) options: 128GB, 256GB, 512GB

### WHAT'S IN THE BOX

Surface Pro 9 Power Supply Quick Start Guide Safety and warranty documents

Surface Pro 9 with 5G Power Supply Quick Start Guide Safety and warranty documents SIM Card access tool

### RADIO FREQUENCY (FRANCE ONLY)

Surface Pro 9 Le débit d'absorption spécifique (DAS) local quantifie l'exposition de l'utilisateur aux ondes électromagnétiques de l'équipement concemé. Le DAS maximal autorisé est de 0,911 W/kg pour le tronc et de 1,674 W/kg pour les membres

Surface Pro 9 with 5G Le débit d'absorption spécifique (DAS) local quantifie l'exposition de l'utilisateur aux ondes électromagnétiques de l'équipement concerné. Le DAS maximal autorisé est de 1.48 W/kg pour le tronc et de 1.48 W/kg pour les membres

Choice of vibrant colors. Mix and match with a Surface Pro Signature Keyboard\* in new Sapphire and Forest, <sup>35</sup> made with partially biobased Alcantara ® material containing at least 12% renewable content <sup>35</sup> that is derived from sugarcane waste





Platinum



Graphite





Sapphire

Forest

An everyday, everywhere laptop when paired with Surface Pro Keyboard

## Microsoft Surface Microsoft Surface Pro 9

### NETWORK AND CONNECTIVITY

Surface Pro 9 Wi-Fi 6E: 802.11ax compatible Bluetooth® Wireless 5.1 technology

Surface Pro 9 with 5G Wi-Fi 6E: 802.11ax compatible Bluetooth® Wireless 5.1 technology Location: GPS, Glonass, Galileo and Beidou Support NanoSIM and eSIM<sup>10</sup> support Supports 5G<sup>11</sup>

[mmWave markets only]: 5G-NR NSA (mmWave): Release 15 DL 64 QAM up to 4.2 Gbps 4xDL CA (400MHz), 2x2 MIMO 5G-NR NSA (mmWave): Release 15 UL 64 QAM, 2xUL CA (200MHz), 2x2 MIMO 5G-NR NSA (mmWave) Bands: n257, n260, n261

[Sub-6 markets only]: 5G-NR NSA (Sub-6): Release 15 DL 256 QAM up to 2.8 Gbps , 4x4 MIMO 5G-NR NSA (Sub-6): Release 15 UL 256 OAM 5G-NR NSA (Sub-6) Bands: n1, n2, n3, n5, n7, n8, n20, n25, n28, n38, n40, n41, n66, n71, n77, n78, n79 Gigabit LTE - A Pro Release 15 with 4x4 MIMO and LAA LTE DL Cat 20, 256 QAM up to 2Gbps, 5xDLCA LTE UL Cat 13, 64 QAM Contiguous 2X ULCA LTE Bands: 1, 2, 3, 4, 5, 7, 8, 12, 13, 14, 19, 20, 25, 26, 28, 29, 30, 38, 39, 40, 41, 42, 46, 48, 66, 71 WCDMA: 1,2,5,8

### DISPLAY

Surface Pro 9 Screen: 13" PixelSense™ Flow Display Resolution: 2880 X 1920 (267 PPI) Color profile: sRGB and Vivid Refresh rate up to 120Hz (Dynamic refresh rate supported) Aspect ratio: 3:2 Contrast ratio 1200:1 Adaptive Color Auto Color Management supported Touch: 10-point multi-touch Dolby Vision IQ<sup>™</sup> support<sup>4</sup> Gorilla® Glass 5 Brightness: 450 nits maximum (typical), 2 nits minimum

Surface Pro 9 with 5G Screen: 13" PixelSense™ Flow Display Resolution: 2880 X 1920 (267 PPI) Color profile: sRGB and Vivid Dynamic refresh rate up to 120Hz Aspect ratio: 3:2 Contrast: 1200:1 Adaptive Color Touch: 10-point multi-touch Gorilla ® Glass 5 Brightness: 450 nits maximum (typical), 5 nits minimum

### **EXTERIOR**

Surface Pro 9 Casing: Aluminum Colors<sup>35</sup>: Platinum, Graphite, Sapphire, Forest Physical Buttons: Volume, Power

Surface Pro 9 with 5G Casing: Aluminum Colors: Platinum Physical Buttons: Volume, Power

### BATTERY CAPACITIES

Surface Pro 9 Battery Capacity Nominal (WH) 47.7 Wh Battery Capacity Min (WH) 46.5 Wh

Surface Pro 9 with 5G Battery Capacity Nominal (WH) 47.7Wh Battery Capacity Min (WH) 46.5Wh

### Microsoft Surface Microsoft Surface Pro 9

SERVICEABILITY<sup>34</sup>

Replaceable components include Display Battery Surface Connect Port Thermal Module (Surface Pro 9 with 5G only) Thermal Module with Fan (Surface Pro 9 only) Cameras Speakers Buttons Camera Deck (Surface Pro 9 with 5G only) Wi-Fi Deck (Surface Pro 9 only) Back Cover RemovableSSD RemovableSSD Door Kickstand Motherboard

### SUSTAINABILITY<sup>31</sup>

Surface Pro 9 Meets ENERGY STAR ® requirements Registered EPEAT® Gold in the US and Canada<sup>32</sup> <u>Sustainable Products &</u> <u>Solutions | Microsoft CSR</u>

Surface Pro 9 with 5G: Meets ENERGYSTAR ® requirements Registered EPEAT® Gold in the US and Canada<sup>33</sup> <u>Sustainable Products &</u> Solutions | Microsoft CSR

### BATTERY LIFE

Surface Pro 9<sup>7</sup> Up to 15.5 hours of typical device usage

Surface Pro 9 with 5G<sup>8</sup> Up to 19 hours of typical device usage

### PEN AND ACCESSORIES COMPATIBILITY

Surface Pro 9 Designed for Surface Slim Pen 2<sup>12</sup> Integrated storage and wireless charging for Surface Slim Pen 2<sup>13</sup> with Surface Pro Signature Keyboard\* Supports tactile signals<sup>14</sup> with Surface Slim Pen 2<sup>15</sup> Supports Microsoft Pen Protocol (MPP)

Surface Pro 9 with 5G Designed for Surface Slim Pen 2<sup>16</sup> Integrated storage and wireless charging for Surface Slim Pen 2<sup>17</sup> with Surface Pro Signature Keyboard Supports tactile signals<sup>18</sup> with Surface Slim Pen 2<sup>19</sup> Supports Microsoft Pen Protocol (MPP)

Keyboard Compatibility Surface Pro Signature Keyboard Surface Pro Keyboard Surface Pro X Signature Keyboard Surface Pro X Keyboard

Surface Pro 9 Windows Hello face authentication camera (front-facing) Front-facing camera with 1080p full HD video 10.0MP rear-facing autofocus camera with 1080p HD and 4k video

Surface Pro 9 with 5G Windows Hello face authentication camera (front-facing) Front-facing camera with 1080p full HD video 10.0 MP rear-facing autofocus camera with 1080p HD and 4k video

### GRAPHICS

CAMERAS

Surface Pro 9 Intel ® Iris ® Xe graphics

Surface Pro 9 with 5G Microsoft SQ® 3 Adreno™ 8CX Gen 3

# Microsoft Surface Pro 9

SOFTWARE	Surface Pro 9 Windows 11 Pro or Windows 10 Pro Preloaded Microsoft 365 Apps <sup>23</sup> Microsoft 365 Business Standard, Microsoft 365 Business Premium, or Microsoft 365 Apps 30-day trial Surface Pro 9 with 5G Windows 11 Pro on ARM <sup>28</sup> Preloaded Microsoft 365 Apps <sup>29</sup> Microsoft 365 Business Standard, Microsoft 365 Business Premium, or Microsoft 365 Apps 30-day trial <sup>30</sup>	SECURITY	Surface Pro 9 TPM 2.0 chip for enterprise-grade security and BitLocker support Enterprise-grade protection with Windows Hello face sign-in Windows 11 Secured-core PC Surface Pro 9 with 5G Enhanced security with Microsoft Pluton Enterprise-grade protection with Windows Hello face sign-in Windows 11 Secured-core PC
SENSORS	Accelerometer Gyroscope Magnetometer Ambient Color Sensor (Brightness and Color)	AUDIO	Surface Pro 9 Dual far-field Studio Mics 2W stereo speakers with Dolby® Atmos ®9 Surface Pro 9 with 5G Dual far-field Studio Mics 2W stereo speakers
ACCESSIBILITY	Compatible with Surface Adaptive Kit Compatible with Surface Delray Include Windows Accessibility Feature – Learn More <u>Accessibility Features   Microsoft</u> <u>Accessibility</u> Discover more Microsoft Accessible Devices & Products - <u>Accessible Devices &amp; Products</u> for PC & Gaming   Assistive Tech <u>Accessories - Microsoft Store</u>	ENERGY USAGE (JAPAN ONLY)	Surface Pro 9 エネルギー消費効率 Surface Pro 9 構成: 12区分 16.4kWh/年(AAA) (2022年度省エネ達成率) Surface Pro 9 with 5G エネルギー消費効率 Surface Pro 9 構成: 12区分 10.8kWh/年(AAA) (2022年度省エネ達成率)
PROCESSOR	Surface Pro 9 12th Gen Intel® Core™ i5-1245U processor 12th Gen Intel® Core™ i7-1265U processor Options with storage 256 GB and above built on the Intel® Evo™ platform Surface Pro 9 with 5G Microsoft SQ® 3 processor Neural Processing Unit (NPU)	PORTS	Surface Pro 9 2 x USB-C® with USB 4.0/Thunderbolt <sup>™</sup> 4 1 x Surface Connect port 1 x Surface Keyboard port Surface Pro 9 with 5G 1 x nano SIM 2 x USB-C® 3.2 1 x Surface Connect port 1 x Surface Keyboard port

# Microsoft Surface Pro 9

### Disclaimers

1 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. 1 TB = 1,000 GB. 2 Components available through your Surface Commercial Authorized Device Reseller. Components can be replaced on-site by a skilled technician following Microsoft's Service Guide. Microsoft tools (sold separately) may also be required for repair. Opening and/or repairing your device can present electric shock, fire and personal injury risk and other hazards. Use caution if undertaking do-it-

yourself repairs. Device damage caused during repair will not be covered under Microsoft's Hardware Warranty or protection plans. 3 Components available through your Surface Commercial Authorized Device Reseller. Components can be replaced on-site by a skilled technician following Microsoft's Service Guide. Microsoft tools (sold separately) may also be required for repair. Opening and/or repairing your device can present electric shock, fire and personal injury risk and other hazards. Use caution if undertaking do-ityourself repairs. Device damage caused during repair will not be covered under Microsoft's Hardware Warranty or protection plans.

4 Requires Dolby Vision® encoded content and video.

5 Weight not including Surface Pro Signature Keyboard and Surface Slim Pen 2 (sold separately)

6 Weight not including Surface Pro Signature Keyboard and Surface Slim Pen 2 (sold separately). 7 Surface Pro 9: Up to 15.5 hours of battery life based on typical Surface device usage. Testing conducted by Microsoft in August 2022 using preproduction software and preproduction Intel® 12th Gen Core™ i5, 256GB, 8GB 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 eight popular websites over multiple open tabs, (2) a productivity test utilizing Microsoft Word, PowerPoint, Excel, OneNote and Ou tlook, and (3) a portion of time with the device in use with idle applications. All settings were default except screen brightness was set to 150 nits with Auto-Brightness and Adaptive Color disabled. Wi-Fi was connected to a network. Tested with Windows Network 120200 Version 11.0.22621

(21H2). Battery life varies significantly with settings, usage and other factors. 8 Surface Pro 9 with 5G Wi-Fi: Up to 19 hours of battery life based on typical Surface device usage. Testing conducted by Microsoft in August 2022 using preproduction software and preproduction SQ® 3, 128/256/512GB, 8/16GB RAM device. Testing consisted of full battery discharge with a mixture of active use and modern stan dby. The active use portion consists of (1) a web browsing test accessing eight popular websites over multiple open tabs, (2) a productivity test utilizing Microsoft Word, PowerPoint, Excel, OneNote 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 150 nits with Auto-Brightness and Adaptive Color disabled. Wi-Fi was connected to a network. Tested with Windows Version 11.0.22621 (21H2). Battery life varies significantly with settings, usage and other factors. 9 Requires Dolby Atmos® encoded content and video. 10 eSIM support may vary by carrier. Individual device activation for eSIM is supported, however bulk activations leveraging eSIM on devices with Windows 10 are not currently available. [China only:

Remove eSIM from specs and disclaimer as eSIM is not offered in China] 11 5G not available in all areas, mmWave in US only. Supports Sub-6 GHz, not available in all areas; compatibility and performance depend on carrier network, plan and other factors. See carrier for

details and pricing.

12 Sold separately

13 Sold separately. Software license required for some features. Charger for Surface Slim Pen 2 sold separately. Surface Slim Pen 2 can charge with Surface Slim Pen Charger, Surface Pro Signature Keyboard, Surface Pro X Signature Keyboard, Surface Laptop Studio, and Surface Duo 2 Pen Cover

14 Tactile signals with Surface Slim Pen 2 can be experienced on some applications on Surface B&P running Windows 11. 15 Surface Slim Pen 2 sold separately.

16 Sold separately

17 Sold separately. Software license required for some features. Charger for Surface Slim Pen 2 sold separately. Surface Slim Pen 2 can charge with Surface Slim Pen Charger, Surface Pro Signature Keyboard, Surface Pro X Signature Keyboard, Surface Laptop Studio, and Surface Duo 2 Pen Cover. 18 Tactile signals with Surface Slim Pen 2 can be experienced on some applications on Surface B&P running Windows.

19 Surface Slim Pen 2 sold separately. 23 Activation required. If your device is managed by your organization's IT department, contact your IT administrator for activation. After 30 days, you will be charged the applicable monthly or ann ual subscription fee. Credit card required. Cancel any time to stop future charges.

28 Surface Pierce comes with Windows 11 Pro on ARM At this time, Surface Pierce with Windows 11 Pro on ARM will not install some games and CAD software, and some third-party drivers or anti-virus software. Certain features require specific hardware (see aka.ms/windows11-spec). Find out more in the FAQ

29 Activation required. If your device is managed by your organization's IT department, contact your IT administrator for activation. After 30 days, you will be charged the applicable monthly or ann

ual subscription fee. Credit card required. Cancel any time to stop future charges. 30 Activation required. If your device is managed by your organization's IT department, contact your IT administrator for activation. After 30 days, you will be charged the applicable monthly or ann ual subscription fee. Credit card required. Cancel any time to stop future charges.

31 Download the full Eco profile see – link to be provided post GA 32 For more information on registration in other markets check – link to be provided post GA 33 For more information on registration in other markets check – link to be provided post GA

34 Customer Replaceable Units (CRUs) are components available for purchase through your Surface Commercial Authorized Device Reseller. Components can be replaced on-site by a skilled technician following Microsoft's Service Guide. Opening and/or repairing your device can present electric shock, fire and personal injury risks and other hazards. Use caution if undertaking do-it-

yourself repairs. Device damage caused during repair will not be covered under Microsoft's Hardware Warranty or protection plans. Components will be available shortly after initial launch; timing of

availability varies by component and market.

35 Colors available on selected models only. Available colors, sizes, finishes, and processors may vary by store, market, and configuration.

36 Microsoft's Limited Warranty is in addition to your consumer law rights. 37 [France only] Le débit d'absorption spécifique (DAS) local quantifie l'exposition de l'utilisateur aux ondes électromagnétiques de l'équipement concerné. Le DAS maximal autorisé est de 2 W/kg pour la tête et le tronc et de 4 W/kg pour les membres. Consultez cette page pour en savoir plus.



**Enterprise Solutions** 1.800.369.1047

# Microsoft Surface Pro 8 The most powerful Pro

The all-new Microsoft Surface Pro 8, our most powerful Pro ever, combines laptop computing power with the flexibility of a tablet—and every angle in between. Empower your teams to get it all done with larger 13" PixelSense™ Flow Touchscreen Display, Thunderbolt™ 4 ports, and built-in storage for Microsoft Surface Slim Pen 2\* within the detachable Microsoft Surface Pro Signature Keyboard.\*

### BENEFITS

Type in comfort on Surface Pro Signature Keyboard 1 with mechanical backlit keys and a glass touchpad. With built-in storage and wireless charging for Surface Slim Pen 2,<sup>17</sup> it's ready when you are, just within reach. Individually calibrated and virtually edge-to-edge, the high-resolution 13-inch PixelSense™ touch display with up to 120Hz refresh rate is our most advanced Pro display. Touch and pen are more responsive. Unlock new experiences with Surface Slim Pen 2.<sup>18</sup> Take handwritten notes and draw with the same feeling you get with pen on paper,<sup>2</sup> with exceptional accuracy and a new storable design.



# Microsoft Surface Pro 8

DIMENSIONS	11.3 x 8.2 x 0.37 in	GRAPHICS	Intel® UHD Graphics (i3) Intel® Iris® Xe Graphics (i5, i7)
PROCESSOR	Dual-core 11th Gen Intel® Core™ i3-1115G4Processor Quad-core 11th Gen Intel® Core™ i5-1145G7Processor Quad-core 11th Gen Intel® Core™ i7-1185G7Processor Designed on the Itel® Evo™ platform (i5 and i7 processors only)	DISPLAY	Screen: 13″ PixelSense™ Flow Display Display Resolution: 2880 x 1920 (267 PPI) Aspect Ratio: 3:2 Touch: 10 point multi-touch GPU Ink Acceleration Dolby Vision® support <sup>3</sup>
SECURITY	TPM 2.0 chip for enterprise security and BitLocker support Enterprise-grade protection with Windows Hello face sign-in	CAMERAS	5.0MP front-facing camera with 1080p full HD video 10.0MP rear-facing autofocus camera with 1080p HD and 4k video
MEMORY AND STORAGE <sup>1</sup>	Wi-Fi: Up to 16 hours of typical device usage LTE Advanced: Up to 14 hours of typical device usage	PORTS	2 x USB-C® with USB 4.0/Thunderbolt <sup>™ 4</sup> 3.5mm head phone jack 1 x Surface Connect port Surface Type Cover port Compatible with Surface Dial off-screen interaction*
BATTERY LIFE <sup>2</sup>	Wi-Fi: Up to 16 hours of typical device usage LTE Advanced: Up to 14 hours of typical device usage	EXTERIOR	Casing: Signature anodized aluminum Colors: Platinum, Graphite (only available on select configurations) <sup>7</sup> Physical buttons: Volume, Power
PEN AND ACCESSORIES COMPATIBILITY	Pen compatibility: Designed for Surface Slim Pen 2 <sup>16</sup> Integrated storage and wireless charging for Surface Slim Pen 2 with Surface Pro Signature Keyboard* Supports tactile signals <sup>10</sup> with Surface Slim Pen 2 Supports Microsoft Pen Protocol (MPP) Keyboard compatibility: Surface Pro Signature Keyboard Surface Pro Keyboard	NETWORK AND CONNECTIVITY	Wi-Fi 6: 802.11ax compatible Bluetooth Wireless 5.1 technology LTE Advanced with removable SIM and eSIM support 14, 15 Qualcomm® Snapdragon™ X20 LTE Modem <sup>14</sup> LTE bands supported: 1, 2, 3, 4, 5, 7, 8, 12, 13, 14, 19, 20, 25, 26, 28, 29, 30, 38, 39, 40, 41, 66 <sup>14</sup>

# Microsoft Surface Microsoft Surface Pro 8

SOFTWARE	Windows 10 Pro or Windows 11 Pro Preloaded Microsoft 365 Apps <sup>5</sup> Microsoft 365 Business Standard, Microsoft 365 Business Premium, or Microsoft 365 Apps 30-day trial <sup>6</sup>	ACCESSIBILITY	Accessibility Features   Microsoft Accessibility Accessible Devices & Products for PC & Gaming   Assistive Tech Accessories - Microsoft Store
SENSORS	Accelerometer Gyroscope Magnetometer Ambient Color Sensor (brightness and color)	WHAT'S IN THE BOX	Surface Pro 8 for Business Power Supply Quick Start Guide Safety and warranty documents
SUSTAINABILITY	Sustainable Products & Solutions   Microsoft CSR Eco Labels and Rating <sup>12,13</sup> : Registered EPEAT® Gold in the US and Canada Meets ENERGY STAR ® requirements	RADIO FREQUENCY (FRANCE ONLY)	Le débit d'absorption spécifique (DAS) local quantifie l'exposition de l'utilisateuraux ondes électromagnétiques de l'équipement concemé. Le DAS maximal autorisé est de 1.5W/kg pour le tronc.
WARRANTY <sup>8</sup>	1-year limited hardware warranty	ENERGY USAGE (JAPAN ONLY)	Surface Pro 8 構成 : 10/12区分 13.6/13.4kWh/年(AA/AAA)
AUDIO	2W stereo speakers with Dolby Atmos ® <sup>4</sup> Dual far-field Studio Mics		

# Microsoft Surface Pro 8

### Disclaimers

\*Sold separately.

1 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.

2 [For web-execution of tech specs]

Battery life varies significantly based on usage, network and feature configuration, signal strength, settings and other factors.

For non web-execution of tech spece

Surface Pro 8 Wi-Fi: Up to 16 hours of battery life based on typical Surface device usage. Testing conducted by Microsoft in August 2021 using preproduction software and preproduction Intel® 11th Gen Core<sup>™</sup> i5-1135G7, 256GB, 8GB RAM device. Testing consisted of full battery discharge with a mixture of active use and modern standby. The active use p ortion 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 and Adaptive Color disabled. Wi-Fi was connected to a network. Tested with Windows Version 11.0.22000.9 (21H2). Battery life varies significantly with settings, usage and other factors. Surface Pro 8 LTE Advanced: Up to 14 hours of battery life based on typical Surface device usage. Testing conducted by Microsoft in November 2021 using preproduction software and preproduction

Intel® 11th Gen Core<sup>™</sup> i5-1145G7, 256GB, 8GB 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 eight 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 and Adaptive Color disabled. LTE enabled and device connected to LTE Network. Tested with Windows Version 11.0. 22000.258 (21H2). Battery life varies significantly with settings, usage, and other factors. 3 Requires Doby Vision <sup>®</sup> encoded content and video.

4 Requires Dolby Atmos <sup>®</sup> encoded content and audio.

5 Requires license or subscription to activate and use. 6 Activation required. If your device is managed by your organization's IT department, contact your IT administrator for activation. After 30 days, you will be charged the applicable monthly or ann ual subscription fee. Credit card required. Cancel any time to stop future charges. See https://aka.ms/m365businesstrialinfo.

7 Colors available on selected models only. Available colors, sizes, finishes, and processors may vary bystore, market, and configuration. 8 Microsoft's Limited Warranty is in addition to your consumer law rights.

9 Weight not including Surface Pro Signature Keyboard or Surface Pro Keyboard.

10 Tactile signals with Surface Slim Pen 2 can be experienced on some applications on Surface Pro 8 running Windows 11. Surface Slim Pen 2 sold separately. 11 [France only] Le débit d'absorption spécifique (DAS) local quantifie l'exposition de l'utilisateur aux ondes électromagnétiques de l'équipement concerné. Le DAS maximal autorisé est de 2 W/kg pour la tête et le tronc et de 4 W/kg pour les membres. Consultez cette page pour en savoir plus.

12 Download the full Eco profile 13 For more information on EPEAT registration in other markets

14 LTE functionality available on select configurations only. Service availability and performance subject to service provider's network. Contact your service provider for details, compatibility, pricing, SIM card, and activation

15 eSIM support may vary by carrier. Individual device activation for eSIM is supported, however bulk activations leveraging eSIM on devices with Windows 10 are not currently available. [China only: Remove eSIM from specs and disclaimer as eSIM is not offered in China]

16 Chargers, software, accessories, and devices sold separately. Availability may vary by market. Surface Slim Pen 2 does not come with a charger. Surface Slim Pen 2 can charge with Surface Slim Pen Charger, Surface Pro Signature Keyboard, Surface Laptop Studio, and Surface Duo 2 Pen Cover. All are sold separately.

17 Sold separately. Software license required for some features. Charger for Surface Slim Pen 2 sold separately. Surface Slim Pen 2 can charge with Surface Slim Pen Charger, Surface Pro Signature Keyboard, Surface Pro X Signature Keyboard, Surface Laptop Studio, and Surface Duo 2 Pen Cover. 18 Tactile signals with Surface Slim Pen 2 can be experienced on some applications on Surface Pro 8 running Windows 11. Surface Slim Pen 2 sold separately.



# Microsoft Surface Pro 7+ The flexibility employees need

Surface Pro 7+ transforms from laptop to tablet to digital canvas with the innovative, adjustable Kickstand. It's a portable and lightweight 2-in-1 so you can take it with you to work anywhere.

### BENEFITS

Get up to 15 hours of battery life for work and meetings on the go from this 2-in-1 business laptop. Go from empty to full faster with Fast Charging – from 5% to 80% in just under an hour. Hear, be heard, and putyour best face forward with Dolby Atmos ®, dual far-field Studio Mics, and a front-facing 5.0 megapixel HD camera. Stay securely and consistently connected with optional LTE Advanced. eSIM<sup>11</sup> allows IT to provision and manage remotely with Windows Autopilot and Microsoft Endpoint Manager.<sup>12</sup>



# Microsoft Surface Pro 7+

DIMENSIONS	11.5" x 7.9" x 0.33" inch (292 mm x 201mm x 8.5mm)	GRAPHICS	Intel® UHD Graphics (i3) Intel® Iris® Xe Graphics (i5, i7)
MEMORY AND STORAGE <sup>1</sup>	8GB or 16GB LPDDR4xRAM (Wi-Fi or LTE) 32GB LPDDR4x RAM (Wi-Fi)	BATTERY LIFE <sup>2</sup>	Wi-Fi: Up to 15 hours of typical device usage LTE Advanced: Up to 13.5 hours of typical device usage
PROCESSOR	Dual-core 11th Gen Intel® Core™ i3-1115G4 Processor (Wi-Fi) Quad-core 11th Gen Intel® Core™ i5-1135G7 Processor (Wi-Fi or LTE) Quad-core 11th Gen Intel® Core™ i7-1165G7 Processor (Wi-Fi)	SOFTWARE	Windows 10 Pro Preloaded Microsoft 365 Apps <sup>4</sup> Microsoft 365 Business Standard, Microsoft 365 Business Premium, or Microsoft 365 Apps 30-day trial <sup>5</sup>
SENSORS	Ambient lightsensor Accelerometer Gyroscope Magnetometer	DISPLAY	Screen: 12.3″ PixelSense™ Display Display Resolution: 2736 x 1824 (267 PPI) Aspect Ratio: 3:2 Touch: Touch: 10-point multi-touch
NETWORK AND CONNECTIVITY	Wi-Fi 6: 802.11ax compatible Bluetooth Wireless 5.0 technology LTE Advanced6 with removable SIM and eSIM support13 Qualcomm® Snapdragon™ X20 LTE Modem LTE bands supported: 1, 2, 3, 4, 5, 7, 8, 12, 13, 14, 19, 20, 25, 26, 28, 29, 30, 38, 39, 40, 41, 66	PEN AND ACCESSORIES COMPATIBILITY	Designed for Surface Pen, Microsoft Classroom Pen 2, Microsoft Business Pen* Integrated magnetic storage with Surface Pen* Supports Microsoft Pen Protocol (MPP) Keyboard compatibility: Surface Pro Signature Type Cover Surface Pro Type Cover
WHAT'S IN THE BOX	Surface Pro 7+ for Business Power Supply Quick Start Guide Safety and warranty documents	CONNECTIONS	1 x USB-C® with Thunderbolt™ 4 1 x USB-A 3.5 mm headphone jack 1 x Surface Connect port
EXTERIOR	Casing: Signature unibody magnesium design with hidden perimeter venting Colors: Platinum, Matte Black <sup>7</sup> Physical buttons: Volume, Power	SECURITY	TPM 2.0 chip for enterprise security Enterprise-grade protection with Windows Hello face sign-in

# Microsoft Surface Pro 7+

Microsoft Surface

PORTS	1 x USB-C 1 x full-size USB-A 3.5mm headphone jack 1 x Surface Connect port Surface Type Cover port3 MicroSDXC card reader (Wi-Fi) 1 x nano SIM (LTE) Compatible with Surface Dial off-screen	CAMERAS AND AUDIO	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 Atmos ®
ACCESSIBILITY	<u>Accessibility Features   Microsoft</u> <u>Accessibility</u>	SUSTAINABILITY	Sustainable Products & Solutions   Microsoft CSR
	Accessible Devices & Products for PC & Gaming   Assistive Tech Accessories - Microsoft Store		Eco Labels and Rating: Registered EPAT® Gold in the US and Canada <sup>11</sup> Meets ENERGY STAR ® requirements <sup>12</sup>
WARRANTY <sup>12</sup>	1-year limited hardware warranty	WEIGHT <sup>9</sup>	i3, i5 (Wi-Fi): 1.70 lb (770g) i5 (LTE): 1.75 lb (796g) i7 (Wi-Fi): 1.73 lb (784g)
RADIO FREQUENCY (FRANCE ONLY)	Wi-Fi Le débit d'absorption spécifique (DAS) local quantifie l'exposition de l'utilisateur aux ondes électromagnétiques de l'équipement concemé. Le DAS maximal autorisé est de 0.997W/kg pour le tronc.	ENERGY USAGE (JAPAN ONLY)	Surface Pro 7+ 構成:12区分 14.5kWh/年(AAA)
	LTE		

Le débit d'absorption spécifique (DAS) local quantifie l'exposition de l'utilisateur aux ondes électromagnétiques de l'équipement concemé. Le DAS maximal autorisé est de 0.884W/kg pour le tronc.

# Microsoft Surface Pro 7+

### Disclaimers

\*Sold separately.

1 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. 2 Battery life varies significantly based on usage, network and feature configuration, signal strength, settings and other fact ors. 3 Compatible with the Surface Pro Type Cover and Surface Pro Signature Type Cover only (sold separately).

4 Requires license or subscription to activate and use.
 5 Activation required. If your device is managed by your organization's IT department, contact your IT administrator for activation. After 30 days, you will be charged the applicable monthly or annual subscription fee. Credit card required. Cancel any time to stop future charges.
 6 Service availability and performance subject to service provider's network. Contact your service provider for details, compatibility, pricing, SIM card, and activation.
 7 Colors available on selected models only. Available colors, sizes, finishes, and processors may vary by store, market, and configuration.

8 Microsoft's Limited Warranty is in addition to your consumer law rights.

9 Weight not including Type Cover. 10 [France only] Le débit d'absorption spécifique (DAS) local quantifiel exposition de l'utilisateur aux ondes électromagnétiques de l'équipement concerné.

Le DAS maximal autorisé est de 2 W/kg pour la tête et le tronc et de 4 W/kg pour les membres. Consultez cette page pour en savoir plus.

11 Download the full Eco profile 12 For more information on EPEAT registration in other markets

13 eSIM support may vary by carrier. Individual device activation for eSIM is supported, however bulk activations leveraging eSIM on devices with Windows 10 are not currently available. [China only: Remove eSIM from specs and disclaimer. eSIM is not offered in devices sold in Chinese market] 11 eSIM support may vary by carrier.

12 Sold separately. Software license required for some features.



# Microsoft Surface Go 3 Designed for work on the go

Our smallest business laptop and tablet helps you speed through touch-and-digital pen tasks with battery life that enables employees to work all day from anywhere.

### BENEFITS

A portable business laptop with up to 11 hours of battery life, plus Fast Charging to take you from low to full faster when you do need to plug in. Present content to customers or watch HD training videos to skill up on the PixelSense™ Display with 220ppi resolution. The 10.5-inch touchscreen display is optimized for the improved tablet, touch, and digital pen possibilities. A business tablet for working anywhere.



Achieve unlimited flexibility with three work modes enabled by the adjustable kickstand

10.5 "PixelSense™ Display





Detachable Surface Go Signature Type Cover<sup>3</sup>

# Microsoft Surface Go 3

DIMENSIONS	9.65" x 6.9" x 0.33" (245 mm x 175 mm x 8.3 mm)	WEIGHT <sup>7</sup>	Wi-Fi: 1.2 lb (544 g) LTE Advanced: 1.22 lb (553 g)
MEMORY AND STORAGE	eMMC drive: 64 GB SSD drive: 128 GB, 256 GB (LTE) 4GB or 8GB LPDDR3	SENSORS	Ambient light sensor Accelerometer Gyroscope Magnetometer NFC
PROCESSOR	Dual-core 10th Gen Intel® Core™ i3-10100Y Processor Dual-core Intel® Pentium® Gold 6500Y Processor (Education, government, or public sector institutions only)	SOFTWARE	Windows 10 Pro or Windows 11 Pro Preloaded Microsoft 365 Apps <sup>3</sup> Microsoft 365 Business Standard, Microsoft 365 Business Premium, or Microsoft 365 Apps 30-day trial <sup>4</sup>
SECURITY	TPM 2.0 chip for enterprise security Windows enhanced hardware security Enterprise-grade protection with Windows Hello face sign-in	PORTS	1 x USB-C ® 3.5 mm headphone jack 1 x Surface Connect port Surface Type Cover Port MicroSDXC Card Reader LTE Advanced: Nano SIM tray
EXTERIOR	Casing: Magnesium Color: Platinum, Matte Black <sup>9</sup> Physical buttons: Volume, Power	BATTERY CAPACITIES (MICROSOFT STORES ONLY)	Battery Capacity Nominal (WH) 28.0 Battery Capacity Min (WH) 26.8
WHATS IN THE BOX	Surface Go 3 Power Supply Quick Start Guide Safety and warranty documents	BATTERY LIFE <sup>2</sup>	Wi-Fi: Up to 11 hours of typical device usage LTE Advanced: Up to 10.5 hours of typical device usage
PEN AND ACCESSORIES COMPATIBILITY	Designed for Surface Pen, Microsoft Classroom Pen 2, Microsoft Business Pen* Integrated magnetic storage with Surface Pen* Supports Microsoft Pen Protocol (MPP) Keyboard compatibility: Surface Go Signature Type Cover Surface Go Type Cover	CAMERAS AND AUDIO	Windows Hello face authentication camera (front-facing) 5.0MP front-facing camera with 1080p HD video 8.0MP rear-facing auto-focus camera with 1080p HD video Enhanced dual far-field Studio Mics 2W stereo speakers with Dolby® Audio™

pour 10g

ACCESSIBILITY	Accessibility Features   Microsoft Accessibility	SUSTAINABILITY	Sustainable Products & Solutions   Microsoft CSR
	Accessible Devices & Products for PC & Gaming   Assistive Tech Accessories - Microsoft Store		Eco Labels and Rating <sup>9,10</sup> : RegisteredEPEAT® Silverin the US and Canada Meets ENERGYSTAR® requirements
WARRANTY <sup>12</sup>	1-year limited hardware warranty	GRAPHICS	Intel® UHD Graphics 615
DISPLAY	Screen: 10.5" PixelSense™ Display Resolution: 1920 x 1280 (220 PPI) Aspect ratio: 3:2 Contrast ratio: 1500:1 Touch: 10 point multi-touch Corning ® Gorilla ® Glass 3	ENERGY USAGE (JAPAN ONLY)	Surface Go 3 構成 : 10区分 11.9kWh/年(A)
RADIO FREQUENCY <sup>13</sup> (FRANCE ONLY)	Numéro de modèle : 1901 (Wi-Fi) - Valeur DAS maximum d'exposition lorsqu'il est utilisé contre le corps en position de test standard pour 10g de tissu : 0.705W/kg pour 10g Numéro de modèle : 1926 (Wi-Fi/NFC) - Valeur DAS maximum d'exposition lorsqu'il est utilisé contre le corps en position de test standard pour 10g de tissu : 0.702W/kg pour 10g Numéro de modèle : 2022 (LTE Advanced (4G +)/NFC) - Valeur DAS maximum d'exposition lorsqu'il est utilisé contre le corps en position de test standard pour 10g de tissu : 0.80 W/kg	NETWORK AND CONNECTIVITY	Wi-Fi 6: IEEE 802.11 a/b/g/n/ac/ax compatible Bluetooth Wireless 5.0 technology LTE Advanced: Qualcomm® Snapdragon™ X16 LTE modem LTE Advanced5: Up to 600 Mbps LTE Advanced 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 LTE Advanced: Assisted GPS and GLONASS support LTE Advanced: eSIM support <sup>11</sup>

### Microsoft Surface Go 3

#### Disclaimers

\*Sold separately.

- 1 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.

2 Battery life varies significantly based on usage, network and feature configuration, signal strength, settings and other factors.

- A Requires license or subscription to activate and use.
   A Requires license or subscription to activate and use.
   A Activation required. If your device is managed by your organization's IT department, contact your IT administrator for activation. After 30 days, you will be charged the applicable monthly or annual subscription fee. Credit card required. Cancel any time to stop future charges.
   S Service availability and performance subject to service provider's network. Contact your service provider for details, compatibility, pricing, SIM card, and activation.
   Microsoft's Limited Warranty is in addition to your consumer law rights.

- 7 Weight not including Type Cover.
- Le débit d'absorption spécifique (DAS) local quantifie l'exposition de l'utilisateur aux ondes électromagnétiques de l'équipement concerné. Le DAS maximal autorisé est de 2 W/kg pour la tête et le tronc et de 4 W/kg pour les membres. Consultez cette page pour en savoir plus.

9 Download the full Eco profile

10 For more information on EPEAT registration in other markets see Computers & Displays Searching | EPEAT Registry 11 eSIM support may vary by carrier. Individual device activation for eSIM is supported, however bulk activations leveraging eSIM on devices with Windows 10 are not currently available.

[China only: Remove eSIM from specs and disclaimer as eSIM is not offered in China] 12 Surface Go and Surface Go 2 use a third-party UEFI and do not support DFCI. Find out more about managing Surface UEFI settings and Surface devices on which DFCI is enabled.



### Microsoft Surface Laptop Studio A transformative way to work

Work the way you want whether compiling code on a powerful business laptop, multitasking while docked on a perfectly angled stage, or sketching ideas on a full-horsepower creative studio.

#### BENEFITS

Pull forward the display in stage mode at the perfect angle for docking, presenting to your client, and touch-first tasks, thanks to the dynamic woven hinge. When docked in stage mode and connected to up to two external monitors, Surface Laptop Studio becomes a touch-and-digital pen enabled third monitor with an extra dimension of interaction. Draw, write, and sketch with your digital pen in studio mode. Surface Slim Pen 2<sup>1</sup> magnetically attaches, stores, and recharges under the keyboard so it's always within reach and ready when you are.



#### 14.4" PixelSense<sup>™</sup> Flow Display with 120 Hz refresh rate



# Microsoft Surface Microsoft Surface Laptop Studio

SIZE AND WEIGHT	12.72" x 8.98" x 0.746" (323.28 mm x 228.32 mm x 18.94 mm)	HINGE	Dynamic Woven Hinge made of woven fabric with embedded cables that can bend 180 degrees
MICS	Dual Studio Mics with Voice Clarity <sup>12</sup> , enabling super-wideband and natural full-duplex conversations	VIDEOS, CAMERAS, AND AUDIO	1080p resolution front facing camera Quad Omnisonic™ speakers with Dolby Atmos® <sup>8</sup>
STORAGE	Removable solid-state drive (SSD) <sup>2</sup> options: 256 GB, 512 GB, 1TB, 2TB	WIRELESS	Wi-Fi 6: 802.11ax compatible Bluetooth Wireless 5.1 technology
DISPLAY	Screen: 14.4"3 PixelSense™ Flow Display Refresh rate: up to 120Hz Resolution: 2400 x 1600 (201 PPI) Aspect ratio: 3:2 Contrast ratio: 1500:1 Touch: 10-point multi-touch Dolby Vision® support <sup>4</sup>	KEYBOARD LAYOUT	Activation: Moving (mechanical) keys Layout: QWERTY, full row of function keys (F1-F12) Windows key and dedicated buttons for media controls, screen brightness Backlight
EXTERIOR	Casing: Magnesium and Aluminum Color: Platinum	AUTHENTICATION	Windows Hello face authentication camera (front-facing)
CONNECTIONS	2 x USB 4.0 with Thunderbolt™4 technologies support 3.5mm headphone jack 1 x Surface Connect port	PEN COMPATIBILITY	Surface Laptop Studio supports Microsoft Pen Protocol (MPP) Surface Laptop Studio supports tactile Signals with Surface Slim Pen 2 <sup>7</sup>
PROCESSOR	Quad-Core 11th Gen Intel® Core™ H35 i5-11300H Processor Quad-Core 11th Gen Intel® Core™ H35 i7-11370H Processor	ACCESSORIES SUPPORT	Integrated Surface Slim Pen* storage for charging Compatible with Surface Dial* off-screen interaction
Get productive with and Precision Hap			

Work the way you want with three modes:

Laptop mode

Stage mode

Studio mode

# Microsoft Surface Microsoft Surface Laptop Studio

SOFTWARE	Windows 10 Pro or Windows 11 Pro <sup>9</sup> Preloaded Microsoft 365 Apps <sup>10</sup> Microsoft 365 Business Standard, Microsoft 365 Business Premium, or Microsoft 365 Apps 30-day trial <sup>11</sup>	SECURITY	Hardware TPM 2.0 chip for enterprise security and BitLocker support Enterprise-grade protection with Windows Hello face sign-in Windows enhanced hardware security
GRAPHICS	Intel <sup>®</sup> Core <sup>™</sup> i5 models: Intel <sup>®</sup> Iris <sup>®</sup> Xe Graphics Intel <sup>®</sup> Core <sup>™</sup> i7 models: NVIDIA <sup>®</sup> GeForce RTX <sup>™</sup> 3050 Ti laptop GPU with 4GB GDDR6 GPU memory NVIDIA <sup>®</sup> RTX <sup>™</sup> A2000 laptop GPU with 4GB GDDR6 GPU memory	WHAT'S IN THE BOX	Surface Laptop Studio Intel® Core™i5:65W Surface Power Supply Intel® Core™i7:102W Surface Power Supply Quick Start Guide Safety and warranty documents
SUSTAINABILITY	Sustainable Products & Solutions   Microsoft CSR	ACCESSIBILITY	Accessibility Features   Microsoft Accessibility Accessible Devices & Products for PC & Gaming   Assistive Tech Accessories - Microsoft Store
SENSORS	Ambient light sensor Accelerometer Gyroscope Magnetometer	WEIGHT	Intel® Core™ i5 models 3.83 lb (1742.9 grams) Intel® Core™ i7 models 4.00 lb (1820.2 grams)
MEMORY	16GB or 32GB LPDDR4x RAM	WARRANTY <sup>10</sup>	1-year limited hardware warranty
		BATTERY CAPACITIES (MICROSOFT STORES)	Battery Capacity Nominal (WH): 58.0

Battery Capacity Min (WH): 56.3

### Microsoft Surface Laptop Studio

#### Disclaimers

\* Sold separately. Software license required for some features

1 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.

2 This device does not contain user serviceable parts. Hard drive is only removable by an authorized technician following Microsoft provided instructions. 3 Surface Laptop Studio display has rounded corners within a standard rectangle. When measured as a standard rectangular shap e the screen is 14.36" diagonally (actual viewable area is less).

4 Requires Dolby Vision ® encoded content and video. 5 Surface Laptop Studio i5 processor: Battery life varies significantly based on usage, network and feature configuration, si gnal strength, settings and other factors. Surface Laptop Studio 14.4" 11th Gen Intel® Core<sup>1x</sup> i5 256GB SSD, 16 GB RAM, up to 19 hours of battery life based on typical Surface device usage. Battery life based on typical Surface device usage. Testing conducted by Microsoft in August 2021 using preproduction software and preproduction devices. 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 150 nits with Auto-Brightness disabled. Wi-Fi was connected to a network. Battery life varies significantly with settings, usage and other factors.

6 Surface Laptop Studio i7 processor: Battery life varies significantly based on usage, network and feature configuration, si gnal strength, settings and other factors. Performance for details. Surface Laptop Studio 14.4" 11th Gen Intel® Core™ i7 1TB SSD, 32GB RAM NVIDIA® GeForce RTX™ 3050 Ti laptop GPU, up to 18 hours of battery life based on typical Surface device usage. Battery life based on typical Surface device usage. Testing conducted by Microsoft in August 2021 using preprod uction software and preproduction devices. 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. 7 Tactile signals with Surface Slim Pen 2 can be experienced on some applications on Surface Laptop Studio running Windows 11. Surface Slim Pen 2 sold separately.

8 Requires Dolby Atmos<sup>®</sup> encoded content and audio.

9 The following Surface Laptop Studio functionalities are only available with Windows 11: Wake on touch and Surface Slim Pen 2 haptic support, which are available in some apps. Experience might be limited without Windows 11 installed.

10 Subscription required (sold separately).

11 Activation required. If your device is managed by your organization's IT department, contact your IT administrator for act ivation. After 30 days, you will be charged the applicable monthly or annual subscription fee. Credit card required. Cancel any time to stop future charges. 12 Voice Clarity available on Windows 11 and may require Windows update

13 Microsoft's Limited Warranty is in addition to your consumer law rights. Advanced Exchange included – may vary by market [Note: This one accompanies tech specs chart]



### Microsoft Surface Laptop 5 Super powered for serious work

When your team's work speaks for itself, things can get loud. With lightning-fast performance, sleek portability, true-to-life video calls, PixelSense<sup>™</sup> touchscreen display, and built-in security, Microsoft Surface Laptop 5 enables your team to do what it does best: Deliver impact with speed and performance.

#### BENEFITS

Feel like you'reface-to-face with clients and coworkers in flattering, true-to-life video with great low-light capabilities. Give IT peace of mind knowing that your company, customer, and employee data are safe and secure with Windows 11 Secured-core PC, featuring a removable hard drive for data retention. Some days there's just no time to waste. Get back to work within seconds of opening the lid with Instant On. Plus, sign in securely with Windows Hello password-free sign-in.



13.5" with Alcantara® material palm rest

# Microsoft Surface Microsoft Surface Laptop 5

SIZE AND WEIGHT	Surface Laptop 5 13.5": Length: 12.1 inch (308 mm) Width: 8.8 inch (223 mm) Height: .57 inch (14.5 mm) Weight: Fabric 2.80 lbs (1,272 g) Metal 2.86 lbs (1,297 g) Surface Laptop 5 15": Length: 13.4 inch (340 mm) Width: 9.6 inch (244 mm) Height: .58 inch (14.7 mm) Weight: 3.44 lbs (1,560 g)	PROCESSOR	Surface Laptop Laptop 5 13.5″ 12th Gen Intel® Core™ i5-1245U processor 12th Gen Intel® Core™ i7-1265U processor Built on the Intel® Evo™ platform Surface Laptop Laptop 5 15″ 12th Gen Intel® Core™ i7-1265U processor Built on the Intel® Evo™ platform
KEYBOARD LAYOUT	Activation: Moving keys Layout: QWERTY, full row of function keys (F1 – F12) Windows key and dedicated buttons for media controls, screen brightness Keyboard backlight	BATTERY LIFE <sup>14</sup>	Surface Laptop Laptop 5 13.5" Up to 18 hours of typical device usage Surface Laptop Laptop 5 15" Up to 17 hours of typical device usage
ENERGY USAGE (JAPAN ONLY)	13.5" Surface Laptop Laptop 5, Intel 構成:12区分 12.4kWh/年(AAA) 15" Surface Laptop Laptop 5, Intel 構成:12区分 12.8kWh/年(AAA)	SUSTAINABILITY <sup>12</sup>	Meets ENERGY STAR ® requirements Registered EPEAT® Gold in the US and Canada <sup>13</sup> <u>Sustainable Products &amp;</u> <u>Solutions   Microsoft CSR</u>

SENSORS

Ambient light sensor

WARRANTY<sup>15</sup>

1-year limited hardware warranty



# Microsoft Surface Microsoft Surface Laptop 5

#### SERVICEABILITY<sup>2</sup>

Replaceable components include: SSD AB Cover module (display) C Cover Battery + Bucket Motherboard Charging Port (Surflink connector) Thermal Module Thermal pad and Desense tape Feet

#### RADIO FREQUENCY (FRANCE ONLY)<sup>16</sup>

(Intel® 13.5" Alcantara® material) Le débit d'absorption spécifique (DAS) local quantifie l'exposition de l'utilisateur aux ondes électromagnétiques de l'équipement concemé. Le DAS maximal autorisé est de 1.0 W/kg pour le tronc

#### 1951

1950

(Intel® 13.5" Boîtier: aluminum) Le débit d'absorption spécifique (DAS) local quantifie l'exposition de l'utilisateur aux ondes électromagnétiques de l'équipement concemé. Le DAS maximal autorisé est de 1.0 W/kg pour le tronc

#### 1979

(Intel ® 15" Boîtier: aluminum) Le débit d'absorption spécifique (DAS) local quantifie l'exposition de l'utilisateur aux ondes électromagnétiques de l'équipement concemé. Le DAS maximal autorisé est de 1.0 W/kg pour le tronc

#### 1953

(Intel® 15" Boîtier: aluminum) Le débit d'absorption spécifique (DAS) local quantifie l'exposition de l'utilisateur aux ondes électromagnétiques de l'équipement concemé. Le DAS maximal autorisé est de 0.38 W/kg pour le tronc

#### ACCESSIBILITY

Compatible with Surface Adaptive Kit Compatible with Surface Delray Include Windows Accessibility Feature – Learn More <u>Accessibility Features | Microsoft</u> <u>Accessibility</u> Discover more Microsoft Accessible Devices & Products <u>Accessible Devices & Products</u> for PC & Gaming | Assistive Tech <u>Accessories - Microsoft Store</u>

DISPLAY

Surface Laptop 5 13.5" Screen: 13.5" PixelSense™ Display Resolution: 2256 x 1504 (201 PPI) Aspect ratio: 3:2 Contrast ratio 1300:1 Color profile: sRGB, and Vivid Individually color-calibrated display Dolby Vision IQ<sup>™3</sup> support Touch: 10-pointmulti-touch Gorilla ® Glass 3 display on laptop with Alcantara® palm rest Gorilla ® Glass 5 display on laptop with metal palm rest Brightness: 400 nits maximum (typical). 5 nits minimum

Surface Laptop 5 15" Screen: 15" PixelSense™ Display Resolution: 2496 x 1664 (201 PPI) Aspect ratio: 3:2 Contrast ratio 1300:1 Color profile: sRGB, and Vivid Individually color-calibrated display Dolby Vision IQ ™3 support Touch: 10-pointmulti-touch Gorilla ® Glass 5 Brightness: 400 nits maximum (typical). 5 nits minimum

# Microsoft Surface Microsoft Surface Laptop 5

WHAT'S IN THE BOX	Surface Laptop 5 13.5" and 15" Power Supply Quick Start Guide Safety and warranty documents	PORTS	1 x USB-C® with USB 4.0/Thunderbolt™4 1 x USB-A 3.1 3.5 mm headphone jack 1 x Surface Connect port
CAMERAS	Windows Hello Face Authentication camera 720p HD front facing camera	AUDIO	Dual far-field Studio Mics Omnisonic® Speakers with Dolby® Atmos® <sup>5</sup>
SECURITY	TPM 2.0 chip for enterprise-grade security and BitLocker support Enterprise-grade protection with Windows Hello face sign-in Windows 11 Secured-core PC.	SOFTWARE	Windows 11 Pro Preloaded Microsoft 365 Apps <sup>10</sup> Microsoft 365 Business Standard, Microsoft 365 Business Premium, or Microsoft 365 Apps 30-day trial <sup>11</sup>
PEN AND ACCESSORIES COMPATIBILITY	Designed for Surface Pen <sup>6</sup> Supports Microsoft Pen Protocol (MPP)	MEMORY AND STORAGE <sup>1</sup>	8GB, 16GB, or 32GB LPDDR5x RAM Removable <sup>2</sup> solid-state drive (SSD) options: 256GB, 512GB, or 1TB
BATTERY CAPACITIES	Battery Capacity Nominal (WH) 47.4 Battery Capacity Min (WH) 45.8	NETWORK AND CONNECTIVITY	Wi-Fi 6: 802.11ax compatible Bluetooth® Wireless 5.1 technology
EXTERIOR	Casing: Aluminum Power and Volume buttons on keyboard Surface Laptop 5 13.5" colors <sup>15</sup> Platinum with Alcantara ® material palm rest Sage with metal palm rest Matte Black with metal palm rest Sandstone with metal palm rest Surface Laptop 5 15" colors <sup>14</sup> Platinum with metal palm rest Matte Black with metal palm rest	GRAPHICS	Intel® Iris® Xe Graphics

### Microsoft Surface Laptop 5

#### Disclaimers

1 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.

1 TB = 1,000 GB. 2 Customer Replaceable Units (CRUs) are components available for purchase through your Surface Commercial Authorized Device R eseller. Components can be

replaced on-site by a skilled technician following Microsoft's Service Guide. Opening and/or repairing your device can present electric shock, fire and personal injury

risks and other hazards. Use caution if undertaking do-it-yourself repairs. Device damage caused during repair will not be covered under Microsoft's Hardware Warranty or protection plans. Components will be available shortly after initial launch; timing of availability varies by component and market.

3 Requires Dolby Vision ® encoded content and video.

4 Battery life varies significantly based on device configuration, usage, network and feature configuration, signal strength, settings and other factors. Upto18hoursofbatterylifebasedontypicalSurface deviceusageonSurfaceLaptop 513.5"

Testing conducted by Microsoft in August 2022 using preproduction software and preproduction 13.5" Intel® Core ™ i5, 256GB, 8GB 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 eight popular websites over multiple open tabs, (2) a productivity test utilizing Microsoft Word, PowerPoint, Excel, OneNote 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 150 nits with Auto-

Word, powerPoint, Excel, OneNote and Outlook, and (3) a portion of time with the device in use with the applications. All settings were default except screen brighnless was set to 150 hits with Auto-Brightness disabled. Wi-Fi was connected to a network. Tested with Windows Version 11.0.22621 (21H2). Battery life varies significantly with settings, usage and other factors. **Upto17hoursofbattery lifebasedontypicalSurface deviceusageonSurfaceLaptop 515**" Testing conducted by Microsoft in August 2022 using preproduction software and preproduction 15" Intel® Core™ i7, 256GB, 8GB 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 eight popular websites over multiple open tabs, (2) a productivity test utilizing Microsoft Word, PowerPoint, Excel, OneNote 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 150 nits with Auto-Brightness disabled. Wi-Fi was connected to a network. Tested with Windows Version 11.0.22621 (21H2). Battery life varies significantly with settings, usage and other factors. *Beaviers* Delay®. *Microsoft* and other factors. 5 Requires Dolby® Atmos® encoded content/audio.

#### 6 Sold separately

10 Sold separately. Software license required for some features. (Japan versions are pre-installed. Not a trial. Need to call it out in OS.)

11 Activation required. If your device is managed by your organization's IT department, contact your IT administrator for activation. If you activate your trial outside your organization, after 30 days, you will be charged the applicable monthly or annual subscription fee. Credit card required. Cancel any time to stop future charges. (Japan versions are pre-installed. Not a trial. Need to call it out in OS.)

12 Download the full Eco profile 13 For more information on registration in other markets check

14 Colors available on selected models only. Available colors, sizes, finishes, and processors may vary by store, market, and configuration.

15 Microsoft's Limited Warranty is in addition to your consumer law rights. 16 Le débit d'absorption spécifique (DAS) local quantifie l'exposition de l'utilisateur aux ondes électromagnétiques de l'équipement concerné. Le DAS maximal autorisé est de 2 W/kg pour la tête et le tronc et de 4 W/kg pour les membres. Consultez cette page pour en savoir plus.



### Microsoft Surface Laptop 4 Do it all with style, speed, and performance

Get it done with more multitasking power and up to 70% more speed than before, longer battery life, and sleek, ultrathin design in a lightweight business laptop.

#### BENEFITS

Our ultra-slim laptop delivers more multitasking speed with 11th Gen Intel ® Core<sup>™</sup> or AMD Ryzen<sup>™</sup> Microsoft Surface Edition processors. With all-day battery life and Fast Charge, Surface Laptop 4 powers a full day of video calls and working with essential apps.<sup>16</sup> Look your best in Microsoft Teams<sup>17</sup> video calls with a camera that works great in tough lighting conditions.







Choose from four stunning colors<sup>4</sup>



### Microsoft Surface Microsoft Surface Laptop 4

SIZE AND WEIGHT	Surface Laptop 4 13.5" 12.1" x 8.8" x 0.57" (308mm x 223mm x 14.5mm) Surface Laptop 4 15" 13.4" x 9.6" x 0.58" (308mm x 223mm x 14.5mm)	KEYBOARD LAYOUT	Activation: Moving keys Backlight Layout: QWERTY, full row of function keys (F1 – F12) Windows key and dedicated buttons for media controls, screen brightness
MEMORY	8GB, 16GB, or 32GB LPDDR5x RAM	GRAPHICS	Intel <sup>®</sup> Iris <sup>®</sup> Xe Graphics
DISPLAY	Surface Laptop 4 13.5″ Screen: 13.5″ PixelSense™ Display Resolution: 2256 x 1504 (201 PPI) Aspect ratio: 3:2 Surface Pen5 enabled Touch: 10 point multi-touch Surface Laptop 4 15″: Screen: 15″ PixelSense™ Display Resolution: 2496 x 1664 (201 PPI) Aspect ratio: 3:2 Surface Pen5 enabled Touch: 10 point multi-touch	SERVICEABILITY	Replaceable components include: SSD AB Cover C Cover Battery + Bucket Motherboard Charging Port (Surflink connector) Thermal Module Feet For 15″ devices only Thermal pad and Desense tape
PROCESSOR	Surface Laptop 4 13.5″ 10 Core 12th Gen Intel ® Core™ i5-1245U processor 10 Core 12th Gen Intel ® Core™ i7-1265U processor Surface Laptop 4 15″ 10 Core 12th Gen Intel ® Core™ i7-1265U processor	BATTERY LIFE <sup>16</sup>	Surface Laptop 4 for Business 13.5" with AMD Ryzen™ Microsoft Surface® Edition processor: Up to 19 hours of battery life (for typical device usage) Surface Laptop 4 for Business 15" with AMD Ryzen™ Microsoft Surface® Edition processor: Up to 17.5 hours of battery life (for typical device usage) Surface Laptop 4 for Business 13.5" with Intel® Core™ processor. Up to 17 hours of battery life (for typical device usage) Surface Laptop 4 for Business 15" with Intel® Core™ processor. Up to 16.5 hours of battery life (for typical device usage)

### Microsoft Surface Microsoft Surface Laptop 4

WHAT'S IN THE BOX	Surface Laptop 4 13.5" and 15": Power Supply Quick Start Guide Safety and warranty documents	CONNECTIONS	1 x USB-C® with Thunderbolt™ 4 1 x USB-A 3.5 mm headphone jack 1 x Surface Connect port
EXTERIOR	Casing: Aluminum Surface Laptop 413.5" colors: Platin um with Alcantara ® material palm rest Sage with metal palm rest Matte Black with metal palm rest Sandstone with metal palm rest Surface Laptop 415" colors: 15 Platin um with metal palm rest Matte Black with metal palm rest	CAMERAS AND AUDIO	Windows Hello face authentication camera (front-facing) 720p HD f2.0 camera (front-facing) Dual far-field Studio Mics Omnisonic ® Speakers with Dolby ® Atmos ®
STORAGE <sup>1</sup>	Removable <sup>2</sup> solid-state drive (SSD) options: 256GB, 512GB, or 1TB	WIRELESS	Wi-Fi 6: 802.11ax compatible Bluetooth® Wireless 5.2 technology
SECURITY	TPM 2.0 chip for enterprise security Enterprise-grade protection with Windows Hello face sign-in Windows 11 Secured-core PC	STORAGE	Windows 11 Pro Preloaded Microsoft 365 Apps <sup>4</sup> Microsoft 365 Business Standard, Microsoft 365 Business Premium, or Microsoft 365 Apps 30-day trial <sup>5</sup> Xbox Game Pass Ultimate 30-day trial <sup>6</sup>
ACCESSIBILITY	Accessibility Features   Microsoft Accessibility	SUSTAINABILITY	Sustainable Products & Solutions   Microsoft CSR
SENSORS	Ambientlightsensor	WARRANTY <sup>12</sup>	1-year limited hardware warranty



### Microsoft Surface Laptop 4

#### Disclaimers

1 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. 1 TB = 1,000 GB.

2 This device does not contain user serviceable parts. Hard drive is only removable by an authorized technician following Microsoft provided instructions

4 Surface Laptop display has rounded corners within a standard rectangle. When measured as a standard rectangular shape the screen is xx.xx<sup>\*</sup> diagonally (actual viewable area is less) 5 Requires Dolby Vision ® encoded content and video.

6 Battery life varies significantly based on device configuration, usage, network and feature configuration, signal strength, settings and other factors. 7 Requires license or subscription (sold separately) to activate and use.

8 Activation required. If your device is managed by your organization's IT department, contact your IT administrator for activation. If you activate your trial outside your organization, after 30 days, you will be charged the applicable monthly or annual subscription fee. Credit card required. Cancel any time to stop future charg es.

9 Activation required for Xbox Game Pass Ultimate. Xbox Game Pass ultimate 30-day trial accessible. You can use it to play games on Xbox One and Xbox Series Consoles, and stream select games where available to Surface Hillcrest and other supported devices. Not currently available in China.

10 Download the full Eco profile

11 For more information on registration in other markets check 12 Microsoft's Limited Warranty is in addition to your consumer law rights.

#### 14 Skilled IT Technician - Tools Required

Components available for purchase through your Surface Commercial Authorize Device Reseller. Components can be replaced on-site by a skilled technician following Microsoft's Service Guide. Opening and/or repairing your device can present electric shock, fire and personal injury risks and other hazards. Use caution if undertaking do-it-yourself repairs. Device damage caused during repair will not be covered under Microsoft's Hardware Warranty or protection plans

Skilled IT Technician - Tools Required Components available for purchase through your Surface Commercial Authorize Device Reseller. Components can be replaced on-site by a skilled technician using Microsoft tools and following Microsoft's Service Guide. Opening and/or repairing your device can present electric shock, fire and personal injury risks and other hazards. Use caution if undertaking

to introduce the provide service Galder. Opening and/or repaining volume to the car present electric shock, me and personal fight provide the data for the service and personal fight personal fight provide the data for the service and personal fight personal fi 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.

17 Sold separately. Software license required for some features.



**Enterprise Solutions** 1.800.369.1047

### Microsoft Surface Laptop Go 2 Meet your goals, wherever you work

A sleek and light business laptop for work anywhere. At 12.4 inches, Surface Laptop Go 2 takes your job as seriously as you do. Tackle projects with business-grade performance, collaborate in crisp and clear video calls, and navigate naturally and intuitively on the 12.4-inch touchscreen. A laptop for everyday use, wherever you work.

#### BENEFITS

Get performance you need for Microsoft 365 apps with an 11th Gen Intel® Core™ i5 Processor and up to 16GB RAM and 256GB storage.<sup>16</sup> With narrow bezels, get more screen space to be productive on the 12.4-inch PixelSense™ touchscreen optimized for Windows 11 touch experiences. Take Surface Laptop Go 2 with you everywhere at just 2.48 lb. A light business laptop that helps you get it all done whether on the go or docked at your desk.

12.4" PixelSense™ touchscreen



Fingerprint Power Button with Windows Hello and One-Touch Sign-in (on select models)



Built-in USB-C<sup>®</sup>, USB-A and Surface Connect ports, headphonejack



HD camera, Omnisonic<sup>®</sup> speakers and Dual Studio Mics

# Microsoft Surface Microsoft Surface Laptop Go 2

DIMENSIONS	Surface Laptop 13.5 12.1" x 8.8" x 0.57" (308mm x 223mm x 14.5mm) Surface Laptop 15 13.4" x 9.6" x 0.58" (308mm x 223mm x 14.5mm)	KEYBOARD LAYOUT	Activation: Moving keys Backlight Layout: QWERTY, full row of function keys (F1 – F12) Windows key and dedicated buttons for media controls, screen brightness
MEMORY	8GB, 16GB, or 32GB LPDDR5x RAM	GRAPHICS	Intel <sup>®</sup> Iris <sup>®</sup> Xe Graphics
SENSORS	Ambientlightsensor	WARRANTY <sup>12</sup>	1-year limited hardware warranty
BATTERY LIFE <sup>16</sup>	Up to 13.5 hours of typical device usage	DISPLAY	Screen: 12.4″ PixelSense™ Display Resolution: 1536 x 1024 (148 PPI) Aspect ratio: 3:2 Touch: 10 point multi-touch
PROCESSOR	Surface Laptop Go 2 13.5″ 10 Core 12th Gen Intel ® Core™ i5-1245U processor 10 Core 12th Gen Intel ® Core™ i7-1265U processor Surface Laptop Go 2 15″ 10 Core 12th Gen Intel ® Core™ i7-1265U processor	SERVICEABILITY	Replaceable components include: SSD AB Cover C Cover Battery + Bucket Motherboard Charging Port (Surflink connector) Thermal Module Feet For 15" devices only Thermal pad and Desense tape
WHAT'S IN THE BOX	Surface Laptop Go 2 13.5″ and 15″: Power Supply Quick Start Guide Safety and warranty documents	CONNECTIONS	1 x USB-C® with Thunderbolt™ 4 1 x USB-A 3.5 mm headphone jack 1 x Surface Connect port
EXTERIOR	Casing: Aluminum Surface Laptop 13.5" colors: Platinum with Alcantara ® material palm rest Sage with metal palm rest Matte Black with metal palm rest Sandstone with metal palm rest Surface Laptop Go 2 15" colors: 15 Platinum with metal palm rest Matte Black with metal palm rest	CAMERAS	Windows Hello face authentication camera (front-facing) 720p HD f2.0 camera (front-facing) Dual far-field Studio Mics Omnisonic® Speakers with Dolby® Atmos®

## Microsoft Surface Laptop Go 2

Microsoft Surface

STORAGE <sup>1</sup>	Removable <sup>2</sup> solid-state drive (SSD) options: 256GB, 512GB, or 1TB	WIRELESS	Wi-Fi 6: 802.11ax compatible Bluetooth® Wireless 5.2 technology
SECURITY	TPM 2.0 chip for enterprise security Enterprise-grade protection with Windows Hello face sign-in Windows 11 Secured-core PC	SOFTWARE	Windows 11 Pro Preloaded Microsoft 365 Apps <sup>4</sup> Microsoft 365 Business Standard, Microsoft 365 Business Premium, or Microsoft 365 Apps 30-day trial <sup>5</sup> Xbox Game Pass Ultimate 30-day trial <sup>6</sup>
SUSTAINABILITY	Sustainable Products & Solutions   Microsoft CSR	ACCESSIBILITY	Accessibility Features   Microsoft Accessibility

Disclaimers

1 System software uses significant storage space. Available storage is subject to change based on system software updates and a pps usage. 1 GB = 1 billion bytes. 1 TB = 1,000 GB.

2 This device does not contain user serviceable parts. Hard drive is only removable by an authorized technician following Micro soft provided instructions.

4 Surface Laptop display has rounded corners within a standard rectangle. When measured as a standard rectangular shape the screen is xx.xx\* diagonally (actual viewable area is less) 5 Requires Dolby Vision® encoded content and video. 6 Battery life varies significantly based on device configuration, usage, network and feature configuration, signal strength, settings and other factors. 7 Requires license or subscription (sold separately) to

activate and use. 8 Activation required. If your device is managed by your organization's IT department, contact your IT administrator for activation. If you activate your trial outside your organization, after 30 days, you

9 Activation required for Xbox Game Pass Ultimate. Xbox Game Pass ultimate 30-day trial accessible. You can use it to play games on Xbox One and Xbox Series Consoles, and stream select games where available to Surface Hillcrest and other supported devices. Not currently available in China.

10 Download the full Eco profile

11 For more information on registration in other markets check 12 Microsoft's Limited Warranty is in addition to your consumer law rights.

14 Skilled IT Technician - Tools Required

Components available for purchase through your Surface Commercial Authorize Device Reseller. Components can be replaced on-site by a skilled technician following Microsoft's Service Guide. Opening and/or repairing your device can present electric shock, fire and personal injury risks and other hazards. Use caution if undertaking do-it-yourself repairs. Device damage caused during repair will not be covered under Microsoft's Hardware Warranty or protection plans.

Skilled IT Technician - Tools Required Components available for purchase through your Surface Commercial Authorize Device Reseller. Components can be replaced on-site by a skilled technician using Microsoft tools and following Microsoft's Service Guide. Opening and/or repairing your device can present electric shock, fire and personal injury risks and other hazards. Use caution if undertaking do-it-yourself repairs. Device damage caused during repair will not be covered under Microsoft's Hardware Warranty or protection plans.' 15 Colors available on selected models only. Available colors, sizes, finishes, and processors may vary by store, market, and configuration.

16 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

### Microsoft Surface Laptop SE A laptop that unlocks learning

Help students achieve the skills they need for their future with a laptop designed for Windows 11 SE and Microsoft 365 for Education.<sup>5</sup> Deliver value to schools and IT admins who demand easy deployment, modern management, and security built in.

#### BENEFITS

Get the performance and reliability of Windows 11 in a cloud-first edition. Featuring an easy-to-use interface plus an education-first menu of curated apps, with a cleaner interface and fewer distractions, Windows 11 SE helps students focus on learning. A broad variety of abilities and learning styles are supported with Windows 11 SE inclusivity features like magnifier, color filters, high contrast modes, and Office 365 features like Immersive Reader. Surface Laptop SE was designed to be highly repairable<sup>6</sup> with standard tools to get repaired devices back in the classroom faster.



#### 11.6" TFT Liquid Crystal Display



Intel® Celeron® Processorand eMMC storage

## Microsoft Surface Laptop SE

DIMENSIONS	11.17" x 7.6" x 0.70" (283.70 mm x 193.05 mm x 17.85 mm)	STORAGE <sup>1</sup>	64GB or 128GB Embedded MultiMedia Card (eMMC)
CONNECTIONS	1 x USB-A 1 x USB-C 1 x Barrel type DC connector 1 x 3.5 mm Headphone/Mic Jack	CAMERAS, AUDIO, AND VIDEO	1MP Front facing camera with up to 720p 30fps video 2W Stereo Speakers Single digital microphone
BATTERY LIFE <sup>2</sup>	Up to 16 hours of typical device usage	WIRELESS	Wi-Fi: 802.11ac (2x2) Bluetooth Wireless 5.0 LE
DISPLAY	Screen: 11.6" TFT Liquid Crystal Display Module Display Resolution: 1366 x 768 (135 PPI) Aspect Ratio: 16:9	EXTERIOR	Casing: All plastic body unpainted Colors: Glacier Physical buttons: Power button and Volume buttons on Keyboard Hinge: 135 degrees open angle
PROCESSOR	Intel® Celeron® Processor N4020 / Intel® UHD Graphics 600 Intel® Celeron® Processor N4120 / Intel® UHD Z Graphics 600	ACCESSORIES SUPPORT	Integrated Surface Slim Pen* storage for charging Compatible with Surface Dial* off-screen interaction

Includes USB-A, USB-C, Barrel type DC connector and Headphone/Mic Jack

 ${\tt Top-down\,view\,of\,full\,keyboard\,and\,touchpad}$ 

# Microsoft Surface Laptop SE

Microsoft Surface

SOFTWARE	Windows 11 SE Microsoft 365 for Education <sup>3</sup>	SECURITY	Firmware TPM Nano Security Lock slot
GRAPHICS	Integrated Graphics	SUSTAINABILITY	Sustainable Products & Solutions   Microsoft CSR
WHAT'S IN THE BOX	Surface Laptop SE Power Supply Quick Start Guide Safety and warranty documents	ACCESSIBILITY	Accessibility Features   Microsoft Accessibility Accessible Devices & Products for PC & Gaming   Assistive Tech Accessories - Microsoft Store
SENSORS	1 x Hall-effect sensor	WEIGHT	2.45 lb (1,112.4 grams)
MEMORY	4GB or 8GB DDR4	WARRANTY <sup>4</sup>	1-year limited hardware warranty
DATTEDV	Pattan Canacity Naminal 25 Wh		

BATTERY CAPACITIES (MICROSOFT **STORES ONLY)** 

Battery Capacity Nominal: 35 Wh Battery Capacity Minimum: 33.9 Wh

#### Disclaimers

1 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.

bytes. 1TB = 1,000 GB.
2 Battery life varies significantly based on usage, network and feature configuration, signal strength, settings and other factors.
3 Requires license or subscription to activate and use.
4 Microsoft's Limited Warranty is in addition to your consumer law rights.
5 Some features require qualifying Microsoft 365 or Office 365 license; sold separately.
6 The following components are available for purchase through your Surface Commercial Authorized Device Reseller in the US, Canada, UK and Japan: C Cover, Speaker Module, Feet, D Bucket Chassis, Wi-Fi Module, A/B cover. It is recommended that skilled IT technicians perform the component replacements described in the Surface Service Guides. Opening and/or repairing your device can present electric shock, device damage, fire and personal injury risks, and other hazards. Use caution if undertaking do-it-yourself repairs.

### Microsoft Surface Studio 2+ Make a statement in form and function

Bring attention-worthy design to your workspace and fluid collaboration to your team with Microsoft Surface Studio 2+. A minimal footprint and exceptionally thin profile combine with brilliant color and blazing-fast graphics while an enhanced camera and dual Studio Mics take collaboration to the next level. Designed to draw attention, it may even spark a little envy.

#### BENEFITS

Make meaningful connections on video calls with the best quality camera you can get on a Surface. Enjoy more accurate skin tones, superior color reproduction, and a crisp, high-resolution image even in low-light conditions. IT can rest easy knowing even the most confidential data is safe. Secured -core PCs are the most secure Windows 11 devices for workers handling the most sensitive data. Maintain control of sensitive information with a removable hard drive for data retention. Multitasking has never been mightier. Amplify productivity with a brilliant 28" PixelSense™ touchscreen display—from a 13.5 million-pixel view of a 3D model to viewing four apps on screen at the same time.

Enjoy easy and natural inking with the 28" PixelSense™ touchscreen



## Microsoft Surface Studio 2+

Microsoft Surface

SIZE AND WEIGHT	Base Length: 9.8 inch (250mm) Width: 8.7 inch (220mm) Thickness: 1.2 inch (31.45mm) Display Length: 25.1 inch (637.35mm) Width: 0.5 inch (12.5mm) Height: 17.3 inch (438.90 mm) Weight: 21lbs max (9.56kg max)	SERVICEABILITY <sup>8</sup>	Replaceable components include: Display Motherboard Thermals PSU Feet C-cover hinge cover SSD
KEYBOARD LAYOUT	Activation: Moving keys Layout: QWERTY, full row of function keys (F1 – F12) Windows key and dedicated buttons for media controls, screen brightness	PORTS	3 x USB-C® with USB 4.0/Thunderbolt™ 4 Native external display support: Up to three 4K UHD @60Hz 2 x USB-A 3.1 3.5 mm headphone jack 1 Gigabit Ethemet port
EXTERIOR	Physical buttons: Volume, Power Zero Gravity Hinge	PROCESSOR	11th Gen Intel® Core™ i7-11370H Processor
CAMERAS	Front Facing Windows Hello face authentication camera 1080p Full HD front facing camera	ENERGY USAGE (JAPAN ONLY)	Surface Studio 2+ 構成: 14区分 108.3kWh/年(AAA)
SOFTWARE	Windows 11 Pro Preloaded Microsoft 365 Apps <sup>5</sup> Microsoft 365 Business Standard, Microsoft 365 Business Premium, or Microsoft 365 Apps 30-day trial <sup>6</sup>	SECURITY	TPM 2.0 chip for enterprise-grade security and BitLocker support Enterprise-grade protection with Windows Hello face sign-in Windows 11 Secured-core PC



Weightlessly lower and raise display with an exceptionally thin profile screen and Zero Gravity Hinge

### Microsoft Surface Microsoft Surface Studio 2+

DISPLAY	Screen: 28" PixelSense™ Display Touch: 10-point multi-touch Aspect Ratio: 3:2 Resolution: 4500 x 3000 (192 PPI) Color profile: sRGB and Vivid Individually color-calibrated display 1 billion colors and better gradients with Auto Color Management Contrast ratio 1200:1 Dolby Vision® support <sup>2</sup> Gorilla® Glass 3 Brightness: 500 nits (typical), 12 nits (minimum)	WHAT'S IN THE BOX	SKU 1 Surface Studio 2+ Surface Pen Surface Keyboard Surface Mouse Power cord with grip-release cable Quick Start Guide Safety and warranty guide SKU 2 Surface Studio 2+ Power cord with grip-release cable Quick Start Guide Safety and warranty guide
SUSTAINABILITY <sup>7</sup>	Meets ENERGYSTAR® requirements Sustainable Products & Solutions   Microsoft CSR	KEYBOARD LAYOUT	Activation: Moving keys Layout: QWERTY, full row of function keys (F1 – F12) Windows key and dedicated buttons for media controls, screen brightness
GRAPHICS	NVIDIA® GeForce RTX™ 3060 Laptop GPU with 6GB GDDR6 GPU memory	MEMORY AND STORAGE <sup>1</sup>	1TB solid-statedrive (SSD)
AUDIO	Dual far-field Studio Mics Stereo 2.1 speakers with Dolby® Atmos ® <sup>3</sup>	NETWORK AND CONNECTIVITY	Wi-Fi 6: 802.11ax compatible Bluetooth® Wireless 5.1 technology

WARRANTY 1-year limited hardware warranty<sup>9</sup>

### Microsoft Surface Microsoft Surface Studio 2+

#### ACCESSIBILITY

SKU 1 Compatible with Surface Adaptive Kit Compatible with Surface Delray Include Windows Accessibility Feature – Learn More Accessibility Features | Microsoft Accessibility

Discover more Microsoft Accessible Devices & Products -Accessible Devices & Products for PC & Gaming | Assistive Tech Accessories - Microsoft Store

#### SKU 2

Compatible with Surface Delray Include Windows Accessibility Feature - Learn More Accessibility Features | Microsoft Accessibility

Discover more Microsoft Accessible Devices & Products -Accessible Devices & Products for PC & Gaming | Assistive Tech Accessories - Microsoft Store

#### PEN AND ACCESSORIES COMPATIBILITY

Pen Support: SKU 1 Designed for Surface Pen Integrated magnetic storage with Surface Pen Supports Microsoft Pen Protocol (MPP)

SKU 2

Designed for Surface Pen<sup>4</sup> Integrated magnetic storage with Surface Pen Supports Microsoft Pen Protocol (MPP)

Accessories Support: SKU 1 Compatible with Surface Dial on-screen interaction. In-box accessories come pre-paired

SKU 2 Compatible with Surface Dial on-screen interaction. Surface Pen Surface Keyboard Surface Mouse

#### Disclaimers

1 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. 1 TB = 1,000 GB.

- 2 Requires Dolby Vision <sup>®</sup> encoded content and video.
- 3 Requires Dolby Atmos® encoded content and audio. 4 Sold separately

4 Sold Separately 5 Requires license or subscription (sold separately) to activate and use. 6 Activation required. If your device is managed by your organization's IT department, contact your IT administrator for activation. If you activate your trial outside your organization, after 30 days, you will be charged the applicable monthly or annual subscription fee. Credit card required. Cancel any time to stop future charges. (Japan versions are pre-installed. Not a trial. Need to call it out in OS.)

7 Download the full Ecco profile see 8 Customer Replaceable Units (CRUs) are components available for purchase through your Surface Commercial Authorized Device Reseller. Components can be replaced on-site by a skilled technician following Microsoft's Service Guide. Opening and/or repairing your device can present electric shock, fire and personal injury risks and other hazards. Use caution if undertaking do-it-yourself repairs. Device damage caused during repair will not be coveed under Microsoft's Hardware Warranty or protection plans. Components will be available shortly after initial launch; timing of availability varies by component and market. 9 Microsoft's Limited Warranty is in addition to your consumer law rights.

### Microsoft Surface Hub 2S More inclusive meetings and richer collaboration for hybrid teams

Dissolve boundaries for hybrid teams so they can inclusively engage everyone's voices, faces, and ideas. Surface Hub 2S is a powerful meetings platform for every team, wherever they meet, that's certified for Microsoft Teams.

#### BENEFITS

Al-powered Surface Hub 2 Smart Camera<sup>4</sup> auto frames the video feed for remote participants, giving them the best possible view of the room. Remote participants get a dynamic view of in-room interactions with simultaneous, sharp focus on the foreground and background. Facial expressions and body language are brought to life on the big screen. Images and video appear crisp and clear on a brilliant, 4K screen with high resolution and amazing graphics performance. Engage everyone for more inclusive conversations. Integrated far-field mics and crystal-clear speakers ensure every idea is heard, whether people are in the room or working remotely.



### Microsoft Surface Microsoft Surface Hub 2S - 50"

DIMENSIONS	29.2" x 43.2" x 3.0" (741mm x 1097mm x 76mm)	STORAGE <sup>1</sup>	64GB or 128GB Embedded MultiMedia Card (eMMC)
CONNECTIONS	USB-A Mini-DisplayPort Video Output RJ45 Gigabit Ethemet HDMI Video Input USB-C® with DisplayPort Input (4) USB-C® (on display)	PROCESSOR	Intel® Celeron® Processor N4020 / Intel® UHD Graphics 600 Intel® Celeron® Processor N4120 / Intel® UHD Z Graphics 600
BATTERY LIFE <sup>2</sup>	Up to 16 hours of typical device usage	PEN COMPATIBILITY	Microsoft Surface Hub 2 Pen Microsoft Surface Slim Pen
WIRELESS	Wi-Fi 5: IEEE 802.11 a/b/g/n/ac compatible Bluetooth® Wireless 4.1 technology Miracast Display	EXTERIOR	Casing: Precision machined aluminum with mineral-composite resin Color: Platinum Physical Buttons: Power, Volume, Source
DISPLAY	PixelSense™ Display, 3:2 aspect ratio, 10-bit color, 15.5mm border, anti-glare, IPS LCD	COMPUTE	Modular Compute Cartridge Quad-core 8th Generation Intel® Core™ i5 processor, 8GB RAM, 128GB SSD1
SOFTWARE	Windows 10 Team edition Configurable to Windows 10 and Windows 11 Pro and Enterprise Microsoft Teams for Surface Hub* Skype for Business* Microsoft Whiteboard Microsoft Office (Mobile) Microsoft Power BI*	AUDIO AND VIDEO	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
GRAPHICS	Intel <sup>®</sup> UHD Graphics 620	SUSTAINABILITY	Sustainable Products & Solutions   Microsoft CSR

### Microsoft Surface Microsoft Surface Hub 2S - 50"

WHAT'S IN THE BOX	<ul> <li>(1) Surface Hub 2S</li> <li>(1) Surface Hub 2 Pen</li> <li>(1) Surface Hub 2 Camera</li> <li>3m AC Power Cable</li> <li>Quick Start Guide</li> </ul>	ACCESSIBILITY	Accessibility Features   Microsoft Accessibility Accessible Devices & Products for PC & Gaming   Assistive Tech Accessories - Microsoft Store
SENSORS	Doppleroccupancy sensor Accelerometer Gyroscope	WEIGHT	61.6 lb (28 kg)
RESOLUTION	3840 x 2560	WARRANTY <sup>4</sup>	1-year limited hardware warranty

Disclaimers

\* Software license required for some features. Sold separately.
 1 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.
 3 Microsoft's Limited Warranty is in addition to your consumer law rights.

### Microsoft Surface Microsoft Surface Hub 2S - 85"

DIMENSIONS	44.5" x 77.1" x 3.4" (1130mm x 1959mm x 85.6mm)	STORAGE <sup>1</sup>	64GB or 128GB Embedded MultiMedia Card (eMMC)
CONNECTIONS	USB-A Mini-DisplayPort Video Output RJ45 GigabitEthemet HDMI Video Input USB-C® with DisplayPort Input (3) USB-C® (on display)	PROCESSOR	Intel® Celeron® Processor N4020 / Intel® UHD Graphics 600 Intel® Celeron® Processor N4120 / Intel® UHD Z Graphics 600
BATTERY LIFE <sup>2</sup>	Up to 16 hours of typical device usage	PEN COMPATIBILITY	Microsoft Surface Hub 2 Pen Microsoft Surface Slim Pen
WIRELESS	Wi-Fi 5: IEEE 802.11 a/b/g/n/ac compatible Bluetooth® Wireless 5.0 technology Miracast Display	EXTERIOR	Casing: Precision machined aluminum with mineral-composite resin Color: Platinum Physical Buttons: Power, Volume, Source
DISPLAY	PixelSense™ Display, 16:9aspect ratio, 10-bit color, 30.5mm border width, anti-glare, IPS LCD, In-cell Touch with 20 simultaneous touch points	COMPUTE	Modular Compute Cartridge Quad-core 8th Generation Intel® Core™ i5 processor, 8GB RAM, 128GB SSD1
SOFTWARE	Windows 10 Team edition Configurable to Windows 10 and Windows 11 Pro and Enterprise Microsoft Teams for Surface Hub* Skype for Business* Microsoft Whiteboard Microsoft Office (Mobile) Microsoft Power BI*	AUDIO AND VIDEO	100Hz - 12KHz range 3-way stereo speakers, including (4) front-facing mid-range, (2) front-facing tweeter and (1) rear bass drivers Full band 8-element MEMS microphone array Microsoft Surface Hub 2 Smart Camera2, 4K, USB-C ® connection, 136-degree HFOV
GRAPHICS	Intel ® UHD Graphics 620	SUSTAINABILITY	Sustainable Products & Solutions   Microsoft CSR

### Microsoft Surface Microsoft Surface Hub 2S - 85"

WHAT'S IN THE BOX	<ul> <li>(1) Surface Hub 2S</li> <li>(1) Surface Hub 2 Pen</li> <li>(1) Surface Hub 2 Camera</li> <li>3m AC Power Cable</li> <li>Quick Start Guide</li> </ul>	ACCESSIBILITY	Accessibility Features   Microsoft Accessibility Accessible Devices & Products for PC & Gaming   Assistive Tech Accessories - Microsoft Store
SENSORS	(2) Doppleroccupancy sensor	WEIGHT	185 lb (84kg)
RESOLUTION	3840 x 2160	WARRANTY <sup>4</sup>	1-year limited hardware warranty

#### Disclaimers

\* Software license required for some features. Sold separately.
1 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.
2 Surface Hub 2 Smart Camera will be included in the box with Surface Hub 2S 85" starting in May 2022.
3 Microsoft's Limited Warranty is in addition to your consumer law rights.
4 Surface Hub 2 Smart Camera, sold separately starting March 2022 dynamically adjusts the video feed for remote participants. Surface Hub 2 Smart Camera will be included in the box with surface new your consumer law rights.

### Microsoft Surface Duo 2 Two screens, limitless possibilities

Communicate, collaborate, and do everything better in 5G.<sup>13</sup> With two screens you can work in Microsoft 365 apps<sup>14</sup> side by side, compare and contrast content, and naturally write on screen. Share a presentation, brainstorm in a whiteboard, and meet face to face with people in the large gallery with desktop Microsoft Teams features.<sup>14</sup>

#### BENEFITS

Jot down ideas, sign your name, and markup files in Microsoft 365 apps. Pair Surface Duo 2 with Surface Slim Pen 22 for next-level note-taking on the go. See your colleagues on video and view the presentation simultaneously. Run a Microsoft Teams meeting from a device that fits in the palm of your hand, with access to full desktop functionality. Microsoft security is built in, and modem management keeps you in control. Rest easy knowing that you're working with an Android Enterprise Recommended device.

#### Compose mode



Surface Slim Pen 2<sup>2</sup>





See people in your Microsoft Teams video call on one screen and engage with the meeting content on the other

# Microsoft Surface Microsoft Surface Duo 2

SIZE AND WEIGHT	Open: 145.2 mm (H) x 184.5 mm (W) x 5.5 mm (T) Closed: 145.2 mm (H) x 92.1 mm (W) x 11.0 mm (T at hinge)	STORAGE AND MEMORY <sup>6</sup>	128GB, 256GB, 512GB (512GB only sold by Microsoft Store) 8GB DRAM LPDDR5 memory
BATTERY LIFE <sup>2</sup>	Up to 15.5 hours of Local Video Playback Up to 28 hours of Talk Time	VIDEO CONFERENCING	Microsoft Teams and Skype video conferencing up to 1080p at 30fps
PROCESSOR	Qualcomm® Snapdragon™ 888 5G Mobile Platform	SIM	One eSIM <sup>5</sup> and one Nano SIM Unlocked for all carriers
WHAT'S IN THE BOX	Surface Duo 2 for Business (Color: Glacier or Obsidian) Surface Duo 2 USB-C ® cable Quick Start Guide Warranty and Compliance Guide SIM Ejector tool [ONLY UK, France, Germany, Austria, Belgium, Denmark, Finland, Ireland, Italy, Netherlands, Spain, Sweden, Switzerland] USB-C ® Earbuds	PRODUCT SAFETY	Your device contains magnets, which may damage objects such as credit cards, passbooks, access cards, boarding passes, or parking passes. Please keep a safe distance between your device and objects that are affected by magnets. USB-C® 3.2 Gen 2

COUNTRIESUnlocked device for all carriersCONNECTIONS284 gramsAND CARRIERCOMPATIBILITY4

SENSORS



1 x Hall-effect sensor

Peek mode



Revolutionary Hinge

# Microsoft Surface Microsoft Surface Duo 2

SOFTWARE<sup>7</sup>

Microsoft built-in applications: Intune Company Portal LinkedIn Microsoft Authenticator Microsoft Bing Search Microsoft Edge Microsoft Lens - PDF Scanner Microsoft Office: Word, Excel, PowerPoint & More Microsoft OneDrive Microsoft OneNote Microsoft Outlook Microsoft Start Microsoft Teams Microsoft To Do Surface Tips Xbox Game Pass Microsoft Surface Duo 2 UI core features: App Groups Dual screen windowing Dynamic Dock Dynamic Triple-Lens Camera Microsoft 365 Feed Span apps automatically Surface Duo 2 Glance Bar SwiftKey Adaptive Keyboard Universal Search Your Phone Companion - Link to Windows Other preinstalled apps: Calculator Chrome Clock Contacts Files Gmail **Google** Assistant GoogleCalendar **Google** Drive GoogleDuo GoogleMaps **Google** Photos

#### CAMERA AND VIDEO RECORDING

Dynamic triple lens rear-facing camera: Wide: 12MP, f/1.7 aperture, 27mm, 1.4µm, dual pixel PDAF and OIS Telephoto: 12MP, f/2.4 aperture, 51mm, 1.0µm, PDAF, OIS and 2X optical zoom in Ultra-Wide: 16MP, f/2.2 aperture, 13mm, 1.0µm, 1100 diagonal field of view with distortion correction

Front-facing Camera: 12MP, f/2.0 aperture, 24mm, 1.0µm

Flash: Dual led - dual color flash

#### Photos:

Auto mode with low-light & HDR multi-frame photo capture and dynamic range scene detection. Dedicated night photography mode.

Smooth Zoom between all 3 Rear Facing Camera combined with digital super zoom up to 10x. Portrait mode with adjustable depth control. Portrait mode supported for wide and tele camera. Machine learning used for portrait mode. Panorama mode with wide dynamic range. Capture shortvideo during photo capture with long press.

Capture photos during video recording.

Video Recording: HDR Video 4K video recording at 30 fps and 60 fps 1080p video recording at 30 fps and 60 fps Slow motion video at 120 or 240fps HEVC H.265 and AVC H.264 video recording formats

Operating System: Android<sup>™</sup> 11

Google Play Movies & TV

**Google Play Store** 

GoogleSearch

Messages

Phone Sound recorder YouTube YouTube Music

### Microsoft Surface Microsoft Surface Duo 2

Danish

LANGUAGE SUPPORT

Dutch English (Australia) English (Canada) English (UK) English (US) Finnish French (Canada) French (France) German Italian Japanese Norwegian Polish Spanish (Spain) Spanish (US) Swedish

AUDIO

Stereo speaker, Dual Mic AI-based noise suppression and acoustic echo cancellation optimized for productive use in allpostures Best-in -class Full Duplex communication for voice calls in hands free mode, receiver and LRA Audio formats supported: 3GP, MP3, MP4, MKV, WAV, OGG, M4A, AAC, TS, AMR, FLAC, MID, MIDI, RTTL, RTX, OTA, IMY Qualcomm<sup>®</sup> aptX<sup>™</sup> Classic, HD and TWS Hearing aid compatibility: M4/T3 Wake on Voice using **Google** Assistant

PEN AND

Supports all in -market generations of Surface Slim Pen, Surface Pen, and Surface Hub 2 Pen<sup>10</sup> Simultaneous Pen and touch are supported After November 15, 2021: Supports Microsoft Surface Duo 2 Pen Cover

#### [FRANCE ONLY: RADIO FREQUENCY] EXPOSITIONS AUX FRÉQUENCES RADIO<sup>12</sup>

Valeur DAS maximum d'exposition: 0,726 W/kg, pour la tête, 1,478 W/kg pour le tronc en position de test standard pour 10g de tissu.

DISPLAY

Dual PixelSense™ Fusion Displays open: 8.3″ AMOLED, 2688x1892 Single PixelSense™ Screen: 5.8″ AMOLED 1344x1892 (13:9) 401 PPI HDR Wide color 100% SRGB, DCI-P3 Dual displays with 90Hz adaptive refresh rate 800 nits max brightness Display Material: Corning ® Gorilla ® Glass Victus™

#### VIDEO PLAYBACK

Video Playback Formats: MKV, MOV, MP4, H.265(HEVC), AVI, WMV, TS, 3GP, FLV, 3G2, AVI, FLV, TS/M2TS, MKV, WEBM, 3GP/MPEG-4, HEIC/HEIF, ASF/WMV, MOV

Wireless:<sup>8</sup> Chromecast and Miracast support

Wired: DisplayPort over USB-C®. Supports video out when connecting via HDMI Adapter<sup>9</sup> 4K video out over USB-C when connecting via DisplayPort cable or HDMI Adaptor to external monitor

BATTERY CAPACITY<sup>3</sup>

4449mAh (typical) dual battery 4340mAh (minimum) dual battery BATTERY

Fast Charging available using the Microsoft Surface 23W USB-C Power Supply<sup>10</sup>

IVIICI USUI	L SUITACE DUO Z		
NETWORK AND CONNECTIVITY	<ul> <li>WIFI: WiFi-6 802.11ax (2.4/5GHz)</li> <li>Bluetooth: Bluetooth® 5.1</li> <li>NFC for payments and provisioning</li> <li>United States:</li> <li>5G-NR NSA (mmWave): Release 15 DL 64</li> <li>QAM up to 6 Gbps, 8xDL CA (800MHz), 2x2</li> <li>MIMO</li> <li>5G-NR NSA (mmWave): Release 15 UL 64</li> <li>QAM, 2xUL CA (200MHz), 2x2 MIMO</li> <li>5G-NR NSA (mmWave) Bands: n257, n260, n261</li> <li>All countries, including United States:</li> <li>5G-NR NSA (Sub-6): Release 15 DL 256</li> <li>QAM up to 3.2 Gbps, 2xDL CA (TDD+TDD), 4x4 MIMO</li> <li>5G-NR NSA (Sub-6): Release 15 UL 256</li> <li>QAM 5G-NR NSA (Sub-6)</li> </ul>	NETWORK AND CONNECTIVITY (CONTINUED)	Bands: n1, n2, n3, n5, n7, n20, n25, n28, n38, n41, n66, n71, n77, n78, n79 Gigabit LTE - A Pro Release 15 with 4x4 MIMO and LAA LTE DL Cat 20, 256 QAM up to 2Gbps, 5xDL CA LTE UL Cat 13, 64 QAM Contiguous 2X ULCA LTE Bands: 1, 2, 3, 4, 5, 7, 8, 12, 13, 14, 19, 20, 25, 26, 28, 29, 30, 38, 39, 40, 41, 42, 46, 48, 66, 71 WCDMA: 1,2,5,8 GSM/GPRS: GSM-850, E-GSM-900, DCS-1800, PCS-1900 Location: GPS, Galileo, GLONASS, BeiDou, QZSS
CAMERAS, AUDIO AND VIDEO	1MP Front facing camera with up to 720p 30fps video 2W Stereo Speakers Single digital microphone	EXTERIOR	Exterior Material: Coming® Gorilla® Glass Color: Glacier, Obsidian
WARRANTY <sup>11</sup>	1-year limited hardware warranty	SUSTAINABILITY	Sustainable Products & Solutions   Microsoft CSR
SECURITY AND AUTHENTICATION	Biometric lock type: Fingerprint reader with enterprise grade security Lock type: Swipe, PIN, password Security applications pre-loaded on device: Microsoft Authenticator	ACCESSIBILITY	Accessibility Features   Microsoft Accessibility Accessible Devices & Products for PC & Gaming   Assistive Tech Accessories - Microsoft Store

Disclaimers

1 Excluding Surface Duo 2 Bumper.

Microsoft Surface

Microsoft Surface Dug 2

2 Battery life varies significantly based on usage, network and feature configuration, signal strength, settings and other factors.
 3 Specified minimum dual battery capacity is 4340mAh.

4 Network availability and coverage vary by carrier. See your carrier for details.
 5 Use of eSIM requires a wireless service plan (which may include restrictions on switching service providers and roaming, even after contract expiration).
 Not all carriers support eSIM. Use of eSIM in Surface. Duo 2 may be disabled when purchased from some carriers. See your carrier for details.

1 Garners support esimi, use of esimin surface, bud 2 may be disabled when purchased from some carriers, see your carrier for details
6 System software uses significant storage space. Available storage is subject to change based on system software updates and apps usage.
1 GB = 1 Gigabyte. 1 TB = 1,000 GB. See Surface.com/Storage for more details.
7 Some apps and features may require a wireless plan, additional subscriptions, or fees.
8 Wireless dependent on the TV/monitor support.
9 Additional video playback formats can be supported by 3rd party applications from the Google Play Store.
10. Sold constrate.

10 Sold separately.

Sold separately.
 Microsoft's Limited Warranty is in addition to your consumer law rights.
 France only] Le débit d'absorption spécifique (DAS) local quantifie l'exposition de l'utilisateur aux ondes électromagnétiques de l'équipement concerné.
 Le débit d'absorption spécifique (DAS) autorisé est de 2,0 W/kg (plus d'10 g). Consultez cette page pour en savoir plus.
 SG not available in all areas; compatibility and performance depends on carrier network, plan and other factors. See carrier for details and pricing.
 SG not available in all areas; compatibility and performance depends on carrier network, plan and other factors. See carrier for details and pricing.
 Some devices, accessories, and software sold separately. Additional fees and/or subscriptions required for some apps and features. Some features, including drag and drop between screens, available in supported apps only. Available apps may vary by carrier and over time. Calling requires data plan; see carrier for pricing and coverage details. Charger for Surface Slim Pen 2 sold separately. Surface Slim Pen 2 can charge with Surface Slim Pen Charger, Surface Pro Signature Keyboard, Surface Pro X Signature Keyboard, Surface Laptop Studio, and Surface Duo 2 Pen Cover.



## Next-level meetings, anywhere

Take connectivity to the next level with best-in-class voice, audio, video, and presentation experiences from accessories certified for Microsoft Teams. Our accessories enable seamless collaboration and reliable meeting experiences to help employees stay focused, stay connected, and be more productive wherever they work.





### Better meetings and collaboration

Effortlessly advance slides, never be told "you're on mute," turn any room into a conference room...every accessory certified by Microsoft Teams has been tested to rigorous standards to enable flexible, rich, and more reliable ways to meet, present, and connect.

### Certified by Microsoft Teams

Whether on the go, at home, or in the office, accessories that are certified by Microsoft Teams help your team work anywhere with confidence and tools you can trust.

## Next-level meetings, anywhere

#### Move beyond presenting

#### Microsoft Presenter+

Present, participate, and engage in meetings, in person or online, with the push of a button. Advance slides, focus audience attention on key content, and quickly mute/unmute. Microsoft Presenter+ takes presentation to the next level.



## Say hello to a better call experience

#### Microsoft Modern USB Headset

High-quality audio and voice, noise reducing microphone, and intuitive call controls. Choose between a USB-C<sup>®</sup> and USB-A connection.



#### Add power to connectivity

#### Microsoft Audio Dock



Can one device redefine what it means to connect? We think so. Microsoft Audio Dock connects external monitors, powers laptops, and can fill a room with multidimensional sound for music and meetings. All with a single plug.

## Give voice to your productivity

#### Surface Headphones 2+

Empower your team with work headphones that keep them connected and productive with immersive, high-quality Microsoft Teams calls and distraction-free focus.

#### Productivity is on the line

#### Microsoft Modern Wireless Headset

A wireless headset that makes calls and productivity comfortable and reliable, with great audio quality. Noise-reducing mic cuts down on background noise.



## Turn productivity all the way up

#### Microsoft Modern USB-CSpeaker

High-quality audio for better Teams meetings, and clear, reliable calls with omnidirectional background noise-reducing mic. Includes cable storage and carrying case.



#### Bring success into focus

#### Microsoft Modern Webcam

Easy-to-mount system adds highquality video to your workspace. Featuring HDR and True Look that deliver facial retouch and auto light adjustment.



## Microsoft Presenter+ Move beyond presenting

Present, participate, and engage in meetings, in person or online, with the push of a button. Effortlessly advance slides, focus audience attention on key content, and quickly mute/unmute. Microsoft Presenter+ takes presenting to the next level.

			(Package notincluded)
Operating System Windows 11, Windows 10, MacOS 12 Device must support Bluetooth® 4.0 or Higher Conference Software Microsoft Teams Presentation Software Microsoft PowerPoint, Prezi, Keynote		BUTTONS AND CONTROLS	Microsoft Teams button, Mute button, Left navigation button, Right navigation button, Pointer button, Bluetooth pairing button, Power slider Programmable button Left navigation button, Right navigation button
Max 4.45V 195mAh Li-ion Bat	tery	COLORS	Matte Black
-			
Focus your audience's attention with a laser pointer	*	Includes stand and USB-C charging cable	
	<ul> <li>Windows 11, Windows 10, MacOS 12</li> <li>Device must support</li> <li>Bluetooth® 4.0 or Higher</li> <li>Conference Software</li> <li>Microsoft Teams</li> <li>Presentation Software</li> <li>Microsoft PowerPoint,</li> <li>Prezi, Keynote</li> <li>Max 4.45V 195mAh Li-ion Bat</li> <li>Max 4.45V 195mAh Li-ion Bat</li> </ul>	Windows 11, Windows 10, MacOS 12 Device must support Bluetooth ® 4.0 or Higher Conference Software Microsoft Teams Presentation Software Microsoft PowerPoint, Prezi, Keynote Max 4.45V 195mAh Li-ion Battery	Windows 11, Windows 10, MacOS 12 Device must support Bluetooth® 4.0 or Higher Conference Software Microsoft Teams Presentation Software Microsoft PowerPoint, Prezi, Keynote Max 4.45V 195mAh Li-ion Battery COLORS Max 4.45V 195mAh Li-ion Battery COLORS

## Microsoft Surface Microsoft Presenter+

CONNECTION	Wireless	INTERFACE	Bluetooth® Low Energy 5.1
BATTERY LIFE INDICATOR	Red LED to show the low battery mode; White LED to show batteris in charging or full charge	MICROSOFT ACCESSORY CENTER	Set your preferences for haptic feedback and customize programmable buttons for a personalized experience.
WIRELESS RANGE	10m (32.8ft) in open area; Up to 5m (16.4ft) in typical office environment	WHAT'S IN THE BOX	MS Presenter+, USB-A charging dock, Quick Start Guide, Safety and warranty documents
BATTERY LIFE <sup>2</sup>	Up to 6 days Charge Time: 2hrs	WIRELESS FREQUENCY	2.4GHz frequency range
WARRANTY <sup>3</sup>	1-year limited warranty	BATTERY CHARGING	USB-A charging dock (included in box); Supports direct USB-C input to charge (cable not included)
Disclaimers	<text></text>		
1 Some software sold separately 2 Battery life varies significantly	, based on usage, settings and other factors. in September 2022 using preproduction devices.		

Some software sold separately
 Battery life varies significantly based on usage, settings and other factors.
 Testing conducted by Microsoft in September 2022 using preproduction devices.
 Testing consisted of connecting each device to a host via Bluetooth and measuring battery discharge associated with a mixture of active use and standby scenarios.
 All settings were default settings.
 Warranty: Microsoft's Limited Warranty is in addition to your consumer law rights.

## Microsoft Audio Dock Add power to connectivity

Can one device redefine what it means to connect? We think so. Microsoft Audio Dock connects external monitors, powers laptops, and can fill a room with multi-dimensional sound for music and meetings. All with a single plug.

DIMENSIONS	167.6 mm x 80.2 mm x 81 mm (6.6 x 3.16 x 3.19 in)	WEIGHT	22.9 oz. (650 g) (Package notincluded)
COMPATIBILITY	Operating System: Windows 11 Home/Pro, Windows 10, MacOS Conference Software: Microsoft Teams, Zoom, Google Meet	DOCK CONNECTIONS	1 USB-C <sup>®</sup> (USB3.1 Gen 2, power up to 7.5 W) support DP alt mode, up to Dual Display <sup>1</sup> 1 USB-C <sup>®</sup> (USB3.1 Gen 2 data only, power up to 7.5 W) 1 USB-A 3.2 (USB3.1 Gen2) 1 HDMI 2.0 port with 4K@60Hz Support MST in USBC and HDMI port Support USBC PD charging (up to 60 W)
CONNECTION TO PC	USB-C	COLORS	Matte Black
SPEAKERS (QTY)	Tweeter: OD25.9 x H11.6mm Woofer: L54 x W48.8 x H41.5mm	USB CORD LENGTH	1 meter (39.4 in.)
			Integrated mute
			control with status light
		#	
		Two omni-d noise-reduci with 1.5Mra	ng microphones

SOUND PRESSURE LEVEL OUTPUT	Up to 90dB SPL	WARRANTY <sup>2</sup>	1-year limited warranty
BUTTONS AND CONTROLS	Microsoft Teams button, Mute button, Volume up button	PRODUCT DESCRIPTION PRINTED ON THE BOX	Audio Dock Connecteur audio
FREQUENCY RESPONSE	70Hz~20kHz for music playback 200Hz~8kHz for conference	AUDIO CODEC	Codec RK2108 Amp TAS5805
MICROPHONES	Two omni-directional microphone arrays	WHAT'S IN THE BOX	Microsoft Audio Dock (Ramba), Power Supply Unit and AC cord, Quick Start Guide, Safety and warranty documents
MICROSOFT ACCESSORY CENTER	Speaker performance customization and microphone settings (Available only on Windows)	MANUFACTURER NAME AND ADDRESS	Company: Luxshare Precision Industry Co., Ltd. Address: No.313, Beihuan Road, Tiesong Industrial Zone, Qingxi Town, Dongguan City, Guangdong Province, China
Utilize four differe ports (HDMI, two U and USB-A)			



1 Dock could support dual 4k@60Hz display If host supports DSC. 2 Warranty: Microsoft's Limited Warranty is in addition to your consumer law rights.



Connect 2 monitors with high-speed HDMI and USB-C connections

# Microsoft Modern USB-C Speaker Turn productivity all the way up

High-quality audio for better Microsoft Teams meetings, and clear, reliable calls with omnidirectional background noise-reducing mic. Includes cable storage and carrying case.

DIMENSIONS	Length: 138 mm (5.43″) Width: 70 mm (2.756″) Depth: 29 mm (1.142″)	FREQUENCY RESPONSE	200Hz – 20kHz for music playback 300Hz-10kHz for conference
COMPATIBILITY	Windows 11/10, Windows 8/8.1 Mac OS X 10.15, Mac OS 11.0	EXTERIOR	Color: Matte Black Materials: Fabric + Silicone
CABLE LENGTH	680 mm (26.9″)	SPEAKER	50 mm full range driver
SOUND PRESSURE LEVEL OUTPUT	Up to 83 dB SPL (1kHz@0.5m via cable connector with power on)	INPUTS	USB-C® connector



# Microsoft Surface Microsoft Modern USB-C Speaker

WHAT'S IN THE BOX	Microsoft Modem USB-C Speaker Carrying case Quick start guide Safety and warranty documents	BUTTONS AND CONTROLS	Microsoft Teams button, Mute button, Volume up button, Volume down button, Hook Switch button
WARRANTY	1-year limited hardware warranty <sup>1</sup>	WEIGHT	Approximately 191 g (0.426 lbs)
MICROPHONE	Two omni-directional microphones	CERTIFIED FOR MICROSOFT TEAMS DETAILS	Pass 1.5 m conference room Spec



Side view with cable

## Microsoft Surface Slim Pen 2 Write and sketch with the feeling of pen on paper and a rechargeable design<sup>6</sup>

Write, sketch, navigate, and recharge.<sup>6</sup> Take handwritten notes and draw with the same feeling you get with pen on paper, with exceptional accuracy and a storable design. Surface Slim Pen 2 delivers incredible shading and pressure sensitivity.



### Microsoft Surface Microsoft Surface Slim Pen 2

DIMENSIONS	Length: 5.38" (136.8mm) Width: 0.44" (11.3mm) Depth: 0.25" 6.3mm)	PRESSURE SENSITIVITY	4,096 pressure levels Zero Force Inking⁴
TACTILE SIGNALS <sup>1</sup>	Haptic feedback functionality compatible only with Surface Pro 8*, B&P*, and Surface Laptop Studio* with Windows 11	EXTERIOR	Color: Matte Black Material: Plastic Enclosure
STORAGE AND CHARGING* (SOLD SEPARATELY)	Slim Pen storage and charging in Surface Pro Signature Keyboard, Surface Laptop Studio, and Surface Duo 2 Pen Cover Surface Slim Pen Charger Surface Slim Pen 1 USB -C® Charging Base <sup>2</sup>	COMPATIBILITY <sup>4</sup>	Designed for: Surface Laptop Studio Surface Pro 8, B&P Surface Pro X Surface Duo 2 Surface Hub 2S Surface Slim Pen 2 Tips
WHAT'S IN THE BOX	Surface Slim Pen 2 Quick Start Guide Safety and warranty documents	BATTERY CAPACITIES	Battery Capacity Nominal (WH): 0.171 Battery Capacity Min (WH): 0.164
BUTTONS	Side button, Top Button with eraser functionality	CONNECTION	Bluetooth® Wireless 5.0 technology
WARRANTY⁵	1-year limited hardware warranty	WEIGHT	0.03 lb. (13 g)
BATTERY	Rechargeable Lithium Ion		

Up to 15 hours of typical usage<sup>3</sup>

Disclaimers

\*Chargers, software, accessories, and devices sold separately. Availability may vary by market. 1 Tactile signals on Surface Slim Pen 2 can be experienced on some applications on Surface Laptop Studio, Surface Pro 8, Surface B&P running Windows 11. Surface Laptop Studio and Surface Pro 8 sold separately. 2 The USB-C @ Charging Base that came in-box with Surface Slim Pen 1 requires a firmware update through Windows Update to charge Surface Slim Pen 2. 3 Battery life varies significantly based on usage, network and feature configuration, signal strength, settings and other factors.

4 Compatibility details 5 Microsoft's Limited Warranty is in addition to your consumer law rights. 6 Charger for Surface Slim Pen 2 sold separately. Surface Slim Pen 2 can charge with Surface Slim Pen Charger, Surface Pro Signature Keyboard, Surface Pro X Signature Keyboard, Surface Laptop Studio, and Surface Duo 2 Pen Cover.

# Microsoft Surface Headphones 2+

### The smarter way to connect

Tackle hybrid work with exceptional audio and smooth connectivity when collaborating from anywhere. Experience nextlevel comfort with on-ear dials to adjust volume with ease and tune out distractions with 13 levels of active noise cancellation.

DIMENSIONS	Length: 8.03-inch (204 mm) Width: 7.68-inch (195 mm) Depth: 1.89-inch (48 mm)	BATTERY LIFE	Up to 18.5 hours of music listening time <sup>1</sup> or up to 15 hours of voice calling on Microsoft Teams <sup>2</sup>
COMPATIBILITY	Bluetooth (without Microsoft Surface USB Link): Windows 11 Home/Pro, Windows 10, Android 11/10/9, iOS 14/13/12, macOS 11/10.14, Bluetooth 5.0/4.2/4.1 With Microsoft Surface USB Link: Windows 11 Home/Pro, Windows 10, macOS 11/10.14, Bluetooth 5.0	WHAT'S IN THE BOX	Surface Headphones 2+, Carrying case, USB cable, Audio cable, Microsoft Surface USB, Link (USB-A <sup>3</sup> ), Quick Start Guide, Safety and warranty documents
CHARGING	Full charge in less than 2 hours	COLORS	Matte Black
FREQUENCY RESPONSE	20 – 20kHz	SPEAKER	40 mm Free Edgedriver
USB CORD LENGTH	1.5 m	AUDIO CABLE LENGTH	1.2 m



### Certified for Microsoft Teams

Surface Headphones 2+ are certified for Microsoft Teams through native Bluetooth with or without the Microsoft Surface USB Link, giving you more flexibility wherever you choose to be the most productive.







Connect wirelessly with Microsoft Surface USB

# Microsoft Surface Headphones 2+

SOUND PRESSURE LEVEL OUTPUT	Up to 115 dB (1kHz, 1Vrms via cable connector with power on) Up to 115 dB (1kHz, 0dBFS over Bluetooth connection)	INPUTS	Headphones: USBC® connector, 3.5 mm audio connector Microsoft Surface USB Link: USB-A4
NOISE CANCELLATION	Up to 30 dB for active noise cancellation Up to 40 dB for passive noise cancellation	BUTTONS AND CONTROLS	Power button, Microsoft Teams button, volume dial (right ear), noise cancellation dial (left ear), single earcup tap (mute)
WARRANTY⁵	1-year limited hardware warranty	WEIGHT	0.64 lb(290 g)
SENSORS	Wear detection sensors on earcups Touch sensors on earcups	SPEAKER	40 mm Free Edge driver



Close up of power button

Soft earcups are breathable and lightweight, and rotate a full 180 degrees for the most comfortable fit

#### Disclaimers

1 Voice calling testing conducted by Microsoft in Feb 2021 using prerelease Surface Headphones + Dongle package with prerelease software. The dongle was plugged into Surface Laptop 3. Volume was set to 52% with maximum noise cancellation. Bluetooth Hands-Free profile was used. Testing consisted of full Surface Headphones battery discharge with a Microsoft Teams call until the Surface Headphones disconnected from the host device. Battery life depends on device settings, environment, usage, and many other factors.

2 Music listening testing conducted by Microsoft in Feb 2021 using prerelease Surface Headphones + Dongle package with prerelease software. The dongle was plugged into Surface Laptop 3. Playlist consisted of 44 songs transmitted using SBC encoding. Volume was set to 46% with maximum noise cancellation. Bluetooth A2DP profile was used. Testing consisted of full Surface Headphones battery discharge while playing audio until the Surface Headphones disconnected from the host device. Battery life depends on device settings, environment, usage, and many other factors.

Battery life depends on device settings, environment, usage, and many other factors. 3 USB-A to USB-C® adapter should work for a C-capable source. Performance varies based on the quality of the adapter and the cable length.

4 Microsoft's Limited Warranty is in addition to your consumer law rights.

5. Microsoft Teams certification on Surface Headphones 2+ with native Bluetooth for Microsoft Teams can be achieved with or without the Surface USB link; only available on Windows and MacOS.

## Microsoft Modern USB Headset Say hello to a better call experience

High-quality audio and voice, noise-reducing microphone, and intuitive call controls. Choose between a USB-C and a USB-A connection.



## Microsoft Surface Microsoft Modern USB Headset

CORD LENGTH	39.4" (1.5 m)	CABLE LENGTH	29.5" (0.75 m)
SOUND PRESSURE LEVEL OUTPUT	Up to 91 dB	INPUTS	USB-A connection
NOISE CANCELLATION	Noise reduction mic boom	WARRANTY	1-year limited hardware warranty <sup>1</sup>
CERTIFIED FOR MICROSOFT TEAMS DETAILS	Microsoft Teams/Hook/Mute LED indicator	WEIGHT	0.31 lbs (142 g)



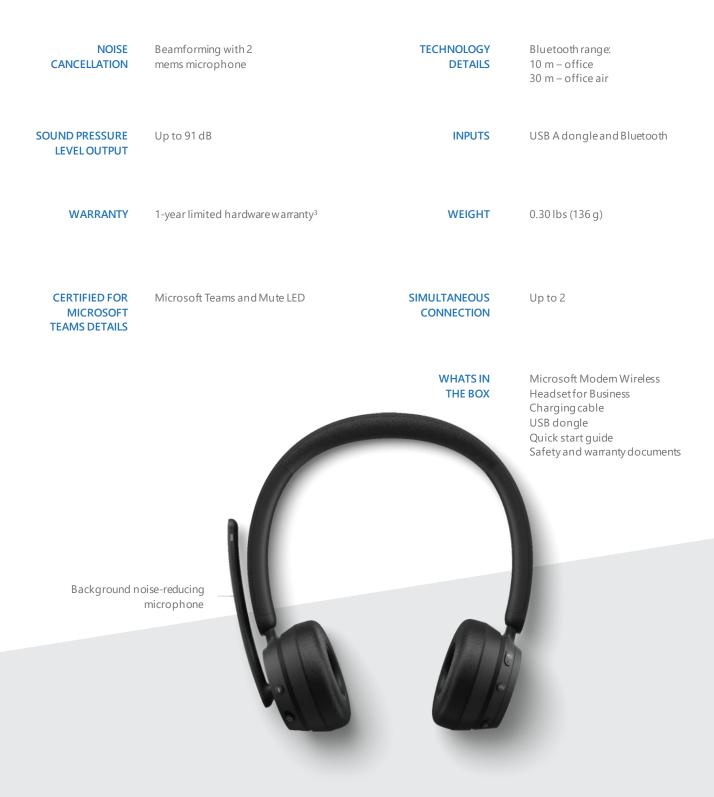
Exploded speaker for USB-C headset

# Microsoft Modern Wireless Headset Productivity is on the line

A wireless headset that makes calls and productivity comfortable and reliable, with great audio quality. Noise-reducing mic cuts down on background noise.

DIMENSIONS	Length: 6.77" (172 mm) Width: 6.46" (164 mm) Depth: 2.36" (60 mm)	BATTERY LIFE	Up to 50 hours <sup>1</sup> of music listening time or up to 30 hours of talk time on a Microsoft Teams call <sup>2</sup>
COMPATIBILITY	Bluetooth compatibility Windows 10: 20H1, 19H1, RS5 Windows 8, Windows 7 Mac OS, Android, IOS Microsoft Teams (ASP) compatible with Windows 10 and Mac OS Some features require software download (storage required); not supported on Mac OS.	BUTTONS AND CONTROLS	5 buttons: Power Slide button Pairing button Microsoft Teams button Mute button Hook button Flip-to-mute Volume control dial
CHARGING	Full charge in 2.5 hours	EXTERIOR	Color: Black
FREQUENCY RESPONSE	Microphone: 100Hz-10KHz Speaker: 100Hz-20KHz	SPEAKER	28 mm moving-coil speaker driver
USB CORD LENGTH	59" (1.5 m)	AUDIO CODEC	SBC
High-quality stereo speakers			Comfortable on-ear design

### Microsoft Surface Microsoft Modern Wireless Headset



#### Disclaimers

1 Music: Testing conducted by Microsoft on March 2021 using Microsoft Modern Wireless Headset for Business with firmware update 1.37.129 paired with Surface Pro 3. Playlist consisted of 44 songs transmitted using SBC encoding. Volume was set to 50%. Bluetooth A2DP profile was used. Testing consisted of full Microsoft Modern Wireless Headset for Business battery discharge while playing audio until the Microsoft Modern Wireless Headset for Business battery discharge while playing audio until the usage, and many other factors.

Usage, and many other ractors. 2 Voice: Testing conducted by Microsoft on March 2021 using Microsoft Modern Wireless Headset for Business at peak power consumption (mA) conditions on a Microsoft Teams call. These conditions for Microsoft Modern Wireless Headset for Business are when 100% of usage is muted, and both the red and white LEDs are lit at the same time. 3 Microsoft's Limited Warranty is in addition to your consumer law rights.

# Microsoft Modern Webcam Bring success into focus

Easy-to-mount system adds high-quality video to your workspace. Featuring HDR and True-look that deliver facial retouch and auto-light adjustment.

DIMENSIONS	Length: 50.53 mm (1.99") Width: 36.05 mm (1.42") Depth: 74.58 mm (2.94")	WHAT'S IN THE BOX	Microsoft Modem Webcam Quick start guide Safety and warranty documents
COMPATIBILITY	Windows 11 Home/Pro Windows 10 Mac OS 11.0/10.15 Windows 8.1/8 Some features, and the microphone, require software download (storage required); not supported on Mac OS.	VIDEO DETAILS	Up to 1080p 30fps video output HDR Auto exposure Auto white balance Auto anti-flicker Expansive 78° field of view
MICROPHONE	Codec: PCM, 16bit, 16KHz sampling²	EXTERIOR	Front window: glass, polished black Tripod mount: copper, glossy silver Other components: plastic/TPE/rubber,

matte black

<image>

Versatile mounting system

## Microsoft Surface Microsoft Modern Webcam

USB CORD LENGTH	59.1" (1.5 m)	TECHNOLOGY DETAILS	Versatile mounting system
CERTIFIED FOR MICROSOFT TEAMS DETAILS	DOF: 0.4-1.5m	INPUTS	USB-A connection
SENSORS	1920 x 1080, 30fps Pixel size: 1.4um x 1.4um	BUTTONS AND CONTROLS	Integrated privacy shutter to turn video stream on/off
WARRANTY	1-year limited hardware warranty <sup>1</sup>	WEIGHT	88.3 g (0.21 lbs)

Up to 1080p video and expansive 77" field of view



### Disclaimers

1 Microsoft's Limited Warranty is in addition to your consumer law rights. 2 Built-in microphone not certified for Microsoft Teams (webcam video is certified for Microsoft Teams).



Enterprise Solutions
1.800.369.1047

www.connection.com