Microsoft Surface

Discover the Microsoft Surface portfolio

2-in-1

Versatile tablet + Laptop devices that provide Mobile productivity for workers on the go.

Best for: Frontline workers, information workers, executives

Surface Go 4

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

Surface Pro 9 with 5G

Stay connected with 5G, quick multitasking, and longer battery life with the Microsoft SQ® 3 processor.

Surface Pro 9

Get tablet flexibility and laptop performance, with your choice of Intel® Evo™ 5.

Laptops

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

Best for: information workers, executives, engineers, developers

Surface Laptop Go 3

Sleek and light for work anywhere in exceptional value. It provides portability, quality you can see and touch.

Surface Laptop 5

Lightning-fast performance, sleek portability, and built-in security that enable impactful work on your terms.

Surface Laptop Studio 2

Incredibly powerful, infinitely flexible, for intensive and creative workloads in a boundary-pushing form factor that's great for inking.

Large Screens

A family of devices focused on flexibility, collaboration, and mobility.

Best for: hybrid meetings, designers, mobile workers

Surface Studio 2+

Find fuel for inspiration with Windows 11 and professional-grade performance.

Surface Hub 3

The premier collaboration device built by Microsoft for Microsoft Teams Room experiences.

Images not to scale

Microsoft Surface

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

SURFACE PRO 9 WITH 5G

SURFACE GO 4

USE CASE

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

Information workers, field technicians, first responders.

Field service, frontline, mobile customer service, students, teachers.

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™ 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.

aka.ms/Pro9forBusiness

The go everywhere, work anywhere, wherever the day takes your team, 2-in-1 that performs like a laptop. Windows 11 Pro on ARM, 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.

Elevate meeting experiences with the Neural Processing Unit (NPU) on Surface Pro 9 with 5G. Windows Studio Effects automatic framing keeps its user in the frame while in motion, and Voice Focus suppresses background noise.

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.

aka.ms/Pro9forBusiness

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™ 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 1.15lbs it's the perfect choice to reduce the weight of a student backpack or make a commute just a little bit lighter.

aka.ms/Go4forBusiness

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 pro-level performance of a 12th Gen Intel® Core™ processor built on the Intel® Evo™ platform.[2]

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.

Microsoft Surface Pro 9 with optional 5G

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.

intel
evo

Select SKUs built on the Intel® Evo™ Platform

Thunderbolt 4 port
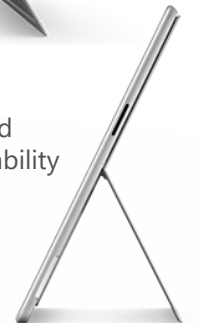
USB-C port

Adjust to the perfect angle with the built-in kickstand

Lightweight and ultra-thin portability at 1.98lbs

Surface Slim Pen 2 is always ready with wireless charging built into Surface Pro 9 Signature Keyboard

Microsoft Surface Pro 9 with 5G

Performance by definition

The go everywhere, work anywhere, wherever the day takes your team, 2-in-1 that performs like a laptop. Windows 11 Pro on ARM, 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

Elevate meeting experiences with the Neural Processing Unit (NPU) on Surface Pro 9 with 5G. For example, Windows Studio Effects automatic framing keeps its user in the frame while in motion, and Voice Focus suppresses background noise.

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 with 5G and Microsoft SQ® 3 NPU. Pluton architecture secures sensitive data directly in the CPU, making it more difficult for attackers to access.

Up to 19 hours of typical device usage[1]

Windows 11 Pro on ARM[2]

Lightweight and ultra-thin portability at 1.98lbs

2 USB-C® 3.2 ports

Adjust to the perfect angle with the built-in kickstand

Surface Slim Pen 2 is always ready with wireless charging built into Surface Pro 9 with 5G Signature Keyboard

1. Battery life varies significantly based on device configuration, usage, network and feature configuration, signal strength, settings and other factors. See aka.ms/SurfaceBatteryPerformance for details.
2. At this time, Surface Pro 9 with Windows 11 Pro on ARM will not install some games and CAD software, and some third-party drivers or anti-virus software. Find out more in the FAQ.

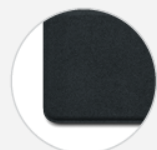# Microsoft Surface Pro 9
with optional 5G

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

Platinum **Graphite** **Sapphire** **Forest**

An everyday, everywhere laptop when paired with Surface Pro Keyboard

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)

MEMORY[1] AND STORAGE

Surface Pro 9
Memory: 8GB, 16GB, 32GB (LPDDR5 RAM)
Storage: Removable[2] drive (SSD)
Options: 128GB, 256GB, 512GB, 1TB

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

PORTS

Surface Pro 9
2 x USB-C® with USB 4.0/Thunderbolt™ 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

SIZE AND WEIGHT

Surface Pro 9
Length: 11.3 inch (287 mm)
Width: 8.2 inch (209 mm)
Height: 0.37 inch (9.3 mm)
Weight[5]: 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[6]: 1.95lb (883 g) (mmWave) or 1.94lb (878 g) (Sub6)

Microsoft Surface Pro 9 with optional 5G

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™ support[4]
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[35]: Platinum, Graphite, Sapphire, Forest
Physical Buttons: Volume, Power

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

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[10] support
Supports 5G[11]

[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 QAM
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, 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

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 Pro 9 with optional 5G

SERVICEABILITY[34]

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

Removable SSD

Removable SSD Door

Kickstand

Motherboard

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

PEN AND ACCESSORIES COMPATIBILITY

Surface Pro 9

Designed for Surface Slim Pen 2[12]

Integrated storage and wireless charging for Surface Slim Pen 2[13] with Surface Pro Signature Keyboard*

Supports tactile signals14 with Surface Slim Pen 2[15]

Supports Microsoft Pen Protocol (MPP)

Surface Pro 9 with 5G

Designed for Surface Slim Pen 2[16]

Integrated storage and wireless charging for Surface Slim Pen 2[17] with Surface Pro Signature Keyboard

Supports tactile signals18 with Surface Slim Pen 2[19]

Supports Microsoft Pen Protocol (MPP)

Keyboard Compatibility

Surface Pro Signature Keyboard

Surface Pro Keyboard

Surface Pro X Signature Keyboard

Surface Pro X Keyboard

SUSTAINABILITY[31]

Surface Pro 9

Meets ENERGY STAR® requirements

Registered EPEAT® Gold in the US and Canada[32]

[Sustainable Products & Solutions | Microsoft CSR](#)

Surface Pro 9 with 5G:

Meets ENERGY STAR® requirements

Registered EPEAT® Gold in the US and Canada[33]

[Sustainable Products & Solutions | Microsoft CSR](#)

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 concerné. 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

CAMERAS

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 with1080p full HD video 10.0 MP rear-facing autofocus camera with 1080p HD and 4k video

Microsoft Surface Pro 9 with optional 5G

SOFTWARE

Surface Pro 9
Windows 11 Pro or Windows 10 Pro
Preloaded Microsoft 365 Apps[23]
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[28]
Preloaded Microsoft 365 Apps[29]
Microsoft 365 Business Standard, Microsoft 365 Business Premium, or Microsoft 365 Apps 30-day trial[30]

SENSORS

Accelerometer
Gyroscope
Magnetometer
Ambient Color Sensor (Brightness and Color)

ACCESSIBILITY

Compatible with Surface Adaptive Kit
Compatible with Microsoft adaptive accessories
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

WARRANTY[36]

1-year limited hardware warranty

BATTERY LIFE

Surface Pro 9[7]
Up to 15.5 hours of typical device usage

Surface Pro 9 with 5G[8]
Up to 19 hours of typical device usage

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

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

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)

GRAPHICS

Surface Pro 9
Intel® Iris® Xe graphics

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

Microsoft Surface

Microsoft Surface Pro 9 with optional 5G

Disclaimers

1. System software uses significant storage space. Available storage is subject to change based on system software updates and apps usage. 1GB = 1 billion bytes. 1TB = 1,000GB. See **Surface.com/Storage** for more details.
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-it-yourself 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 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.
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 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 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; compatibility and performance depends on carrier network, plan and other factors. See carrier for details and pricing. Wi-Fi 6E not available in all areas.
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 Pro 9 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 Pro 9 and Pro 9 with 5G 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 annual subscription fee. Credit card required. Cancel any time to stop future charges. See **https://aka.ms/m365businesstrialinfo**.
28. Surface Pro 9 with 5G comes with Windows 11 Pro on ARM. At this time, Surface Pro 9 with 5G 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 annual subscription fee. Credit card required. Cancel any time to stop future charges. See **https://aka.ms/m365businesstrialinfo**.
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 annual subscription fee. Credit card required. Cancel any time to stop future charges. See **https://aka.ms/m365businesstrialinfo**.
31. Download the full Eco profile see – Pro 9 with Wi-Fi and Pro 9 with 5G.
32. For more information on registration in other markets check –Download Eco Profiles from Official Microsoft Download Center
33. For more information on registration in other markets check –Download Eco Profiles from Official Microsoft Download Center
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.

Microsoft Surface Pro 7+
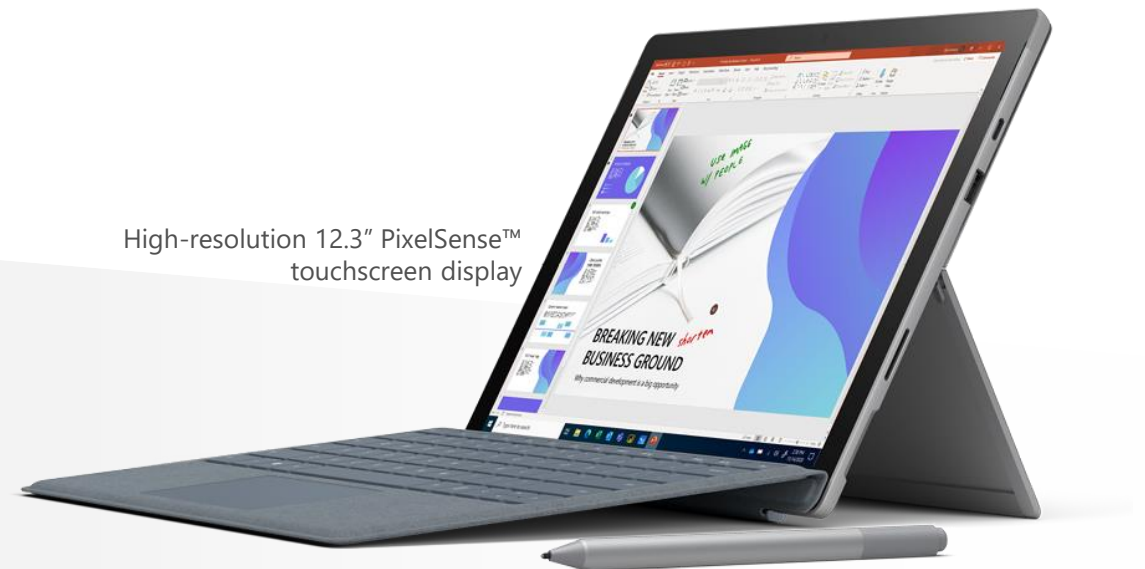
The flexibility employees need

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 put your 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[11] allows IT to provision and manage remotely with Windows Autopilot and Microsoft Endpoint Manager.[12]

5.0MP front-facing camera with 1080p full HD video
8.0MP rear-facing autofocus camera with 1080p full HD video

USB-C®

USB-A

High-resolution 12.3" PixelSense™ touchscreen display

Microsoft Surface Pro 7+

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)

MEMORY AND STORAGE[1]
8GB or 16GB LPDDR4x RAM (Wi-Fi or LTE)
32GB LPDDR4x RAM (Wi-Fi)

Removable solid-state drive (SSD) options: 128GB or 256GB (Wi-Fi or LTE); 512GB or 1TB (Wi-Fi)

DISPLAY
Screen: 12.3" PixelSense™ Display

Display Resolution: 2736 x 1824 (267 PPI)

Aspect Ratio: 3:2

Touch: Touch: 10-point multi-touch

PORTS
1 x USB-C®

1 x full-size USB-A

3.5mm headphone jack

1 x Surface Connect port

Surface Type Cover port[3]

MicroSDXC card reader (Wi-Fi)

1 x nano SIM (LTE)

Compatible with Surface Dial off-screen interaction*

DIMENSIONS
11.5" x 7.9" x 0.33" inch
(292 mm x 201mm x 8.5mm)

NETWORK AND CONNECTIVITY
Wi-Fi 6: 802.11ax compatible

Bluetooth Wireless 5.0 technology

LTE Advanced[6] with removable SIM and eSIM support[13]

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

SOFTWARE
Windows 10 Pro

Preloaded Microsoft 365 Apps[4]

Microsoft 365 Business Standard, Microsoft 365 Business Premium, or Microsoft 365 Apps 30-day trial[5]

BATTERY LIFE[2]
Wi-Fi: Up to 15 hours of typical device usage

LTE Advanced: Up to 13.5 hours of typical device usage

SENSORS
Ambient light sensor

Accelerometer

Gyroscope

Magnetometer

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®

GRAPHICS
Intel® UHD Graphics (i3)

Intel® Iris® Xe Graphics (i5, i7)

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

Microsoft Surface Pro 7+

ACCESSIBILITY

[Accessibility Features | Microsoft Accessibility](#)

[Accessible Devices & Products for PC & Gaming | Assistive Tech Accessories – Microsoft Store](#)

WARRANTY[12]

1-year limited hardware warranty

SECURITY

TPM 2.0 chip for enterprise security

Enterprise-grade protection with Windows Hello face sign-in

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 concerné.
Le DAS maximal autorisé est de 0.997W/kg pour le tronc.

LTE

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 0.884W/kg pour le tronc.

SUSTAINABILITY

[Sustainable Products & Solutions | Microsoft CSR](#)

Eco Labels and Rating: Registered EPAT® Gold in the US and Canada[11]

Meets ENERGY STAR® requirements[12]

WEIGHT[9]

i3, i5 (Wi-Fi): 1.70 lb (770g)
i5 (LTE): 1.75 lb (796g)
i7 (Wi-Fi): 1.73 lb (784g)

ENERGY USAGE (JAPAN ONLY)

Surface Pro 7+ 構成： 12区分 14.5kWh/年(AAA)

EXTERIOR

Casing: Signature unibody magnesium design with hidden perimeter venting

Colors: Platinum, Matte Black[7]

Physical buttons: Volume, Power

WHAT'S IN THE BOX

Surface Pro 7+ for Business

Power Supply

Quick Start Guide

Safety and warranty documents

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. 1GB = 1 billion bytes. 1TB = 1,000GB. See Surface Storage for more details.

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

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. See https://aka.ms/m365businesstrialinfo.

6. Service availability and performance subject to service provider's network. Contact your service provider for details, compatibility, pricing, SIM card, and activation. See all specs and frequencies at surface.com.

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 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.

11. Download the full Eco profile see - https://aka.ms/Pro7Plus_EcoProfile

12. For more information on EPEAT registration in other markets see https://aka.ms/Pro7Plus_EPEAT

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

Microsoft Surface Go 4

Security, flexibility, and durability for your frontline

Surface Go 4 is the reliable and portable 2-in-1 built for frontline workers. The full Windows 11 Pro experience pairs with a flexible design that meets the demands of any job, anywhere. Whether your employees guide purchases at a kiosk, deliver bedside patient care, manage field operations, or staff call centers, improve their productivity with durable, easy-to-handle devices that flex to fit any setting.

Durability and quality for frontline

Our most portable business laptop and tablet helps employees speed through tasks from anywhere on devices tested for the durability and reliability frontline settings demand.

Productivity and performance for Every task

Deliver the performance your workers need in an ultra-portable package with a full Windows 11 Pro experience and hardware that supports collaboration from anywhere.

Flexibility to get the Job done

The flexibility of our pioneering 2-in-1 form factor ensures teams can power through tasks on a full Windows 11 laptop, handwrite notes using Surface Pen,[1] and run video consultations with Microsoft Teams.

Maximizing security from the office to The field

Give your IT team peace of mind with Secured-core PCs as they save time and budget through streamlined deployment, modern management, and built-in, chip-to-cloud security.[2]

Crystal-clear calls with 2W stereo speakers featuring Dolby® Audio™ Premium, far-field Studio Mics, and 1080p HD cameras

Replaceable hardware including the motherboard, battery, and more[3]

Compatibility with ruggedized cases and vehicle mounts[1] for mobile work or tough job sites

All-day battery life up to 12.5 hours[4] and Fast Charging through Surface Connect or USB-C[5]

Fast, fluid typing with Surface Go Signature Type Cover[1]

Thin, durable, and light design at only 1.15 lbs (521 g)[6]

Microsoft 365 Frontline[2] and passwordless authentication with NFC

PARTNER LOGO

![Microsoft Surface]

Microsoft Surface Go 4

PROCESSOR
Intel® Processor N200

GRAPHICS
Intel® UHD Graphics

MEMORY AND STORAGE[1]
Memory options: 8GB LPDDR5 RAM

Storage options: UFS Drive: 64GB, 128GB, 256GB

DISPLAY
Touchscreen: 10.5" PixelSense™ Display Resolution: 1920 x 1280 (220 PPI)

Aspect ratio: 3:2

Contrast ratio: 1500:1 Color profile: sRGB and Enhanced

Individually color-calibrated display

Touch: 10 point multi-touch Corning® Gorilla® Glass 3 Brightness: 350 nits (typical)

SIZE AND WEIGHT[2]
Length: 9.65 inch (245 mm)

Width: 6.9 inch (175 mm)

Height: 0.33 inch (8.3 mm)

Weight:3 1.15 lbs (521g)

BATTERY LIFE[4]
Up to 12.5 hours of typical device usage

SECURITY
Hardware 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

CAMERAS
1080p Full HD front-facing camera

8 MP 1080p Full HD rear- facing camera

Windows Hello face authentication camera

AUDIO
Dual far-field Studio Mics with Voice Clarity[5]

2 W stereo speakers with Dolby® Audio™ Premium

PORTS
USB-C® 3.1 (data, DisplayPort and charging)

MicroSDXC card reader

3.5 mm headphone jack Surface Type Cover port Surface Connect port

NETWORK AND CONNECTIVITY
Wi-Fi 6: 802.11ax compatible Bluetooth® Wireless 5.1 technology

PEN AND ACCESSORIES COMPATIBILITY
Pen Compatibility: Designed for Surface Pen, Microsoft Classroom Pen 2, Microsoft Business Pen[6]

Integrated magnetic storage with Surface Pen[6]

Supports Microsoft Pen Protocol (MPP)

Keyboard compatibility: Surface Go Signature Type Cover

Surface Go Type Cover

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. See Surface.com/Storage for more details.
2. Might vary depending on manufacturing processes.
3. Weight not including Type Cover.
4. Testing conducted by Microsoft in May 2023 using preproduction Windows 11 software and preproduction Surface Whitby Intel® Processor N200, 128 GB, 8 GB RAM 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 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 11 Version 10.0.22621.1485 (22H2). Battery life varies significantly with settings, usage, and other factors.5HDR requires HDR content and enabling HDR in device settings.
5. Voice Clarity requires Windows 11 and is available in apps which use integrated device microphones and use certain Windows audio processing modes.
6. Sold separately.

PARTNER LOGO

Microsoft Surface

Microsoft Surface Go 4

SOFTWARE
Windows 11 Pro

Preloaded Microsoft 365 Apps[7]

Microsoft 365 Business

Standard, Microsoft 365 Business Premium, or Microsoft 365 Apps 30-day trial[8]

ACCESSIBILITY
Compatible with Surface Adaptive Kit[9]

Compatible with Microsoft Adaptive Accessories Includes 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

SUSTAINABILITY
Sustainable Products & Solutions | Microsoft CSR

SERVICEABILITY
Replaceable components include:[10]

Display

Battery and back cover Kickstand

Hinge Motherboard

MicroSDXC card reader Type Cover connector Front camera

Rear camera

Windows Hello camera Speakers

EXTERIOR
Casing: Magnesium Colors: Platinum

Physical Buttons: Volume, Power

KICKSTAND
Kickstand with 165 degrees full friction hinge

SENSORS
Ambient light sensor Accelerometer Gyroscope Magnetometer

NFC

WHAT'S IN THE BOX
Surface Go 4

24W Power Supply Quick Start Guide Safety and warranty documents

WARRANTY[11]
1-year limited hardware warranty

BATTERY CAPACITIES[2]
Battery capacity Nominal (Wh) 29

Battery capacity Min (Wh) 28

Disclaimers

2. Might vary depending on manufacturing processes.
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. After 30 days, you will be charged the applicable monthly or annual subscription fee. Credit card required. Cancel any time to stop future charges. See https://aka.ms/m365businesstrialinfo.
9. Keycap labels can fit on the keys on the Surface Go Type Cover and Surface Laptop Go, but will require a more precise application due to the key size.
10. 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. Availability of replaceable components and service options may vary by market and/or at initial product launch.
11. Microsoft's Limited Warranty is in addition to your consumer law rights.

Surface Laptop Category

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.

Disclaimers

1. Powered by the NVIDIA® Studio program, Surface Laptop Studio delivers the performance to boost workflows and accelerate your creative genius. Backed by exclusive NVIDIA® Studio Drivers that are built in partnership with developers like Adobe and Autodesk to bring out the best creative experience.
2. Surface Laptop Studio display has rounded corners within a standard rectangle. When measured as a standard rectangular shape the screen is 14.36-inch diagonally (actual viewable area is less).
3. Voice Clarity is only available on Surface Laptop Studio with Windows 11. May require Windows update.
4. Surface Laptop 4 battery life: Up to 19 hours on Surface Laptop 4 13.5-inch AMD Ryzen™ 5 Microsoft Surface Edition; up to 17.5 hours on Surface Laptop 4 15-inch AMD Ryzen™ 7 Microsoft Surface Edition; up to 17 hours on Surface Laptop 4 13.5-inch Intel® Core™ i5; up to 16.5 hours on Surface Laptop 4 15-inch Intel® Core™ i7. Testing conducted by Microsoft in February 2021 using Windows 10 preproduction software and preproduction configurations of Surface Laptop 4. Testing consisted of full battery discharge with a mixture of active use and modern standby. The active use portion consists of (1) a web browsing test accessing 8 popular websites over multiple open tabs, (2) a productivity test utilizing Microsoft Word, PowerPoint, Excel and Outlook, and (3) a portion of time with the device in use with idle applications. All settings were default except screen brightness was set to 150nits with Auto-Brightness disabled. Wi-Fi was connected to a network. Battery life varies significantly with settings, usage and other factors.

SURFACE LAPTOP STUDIO 2

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 compute-intensive workloads.

Create brilliantly with written notes and sketches on the 14.4" PixelSense™ Flow touchscreen[2] 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[3]. Your voice sounds clearer, and skin tone accuracy and low-light video improves with the Studio Camera.

This high-performance business laptop is the most powerful Surface, delivering the highest graphics horsepower of any Surface device.

aka.ms/LaptopStudio2forBusiness

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™ 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™ automatically adjusts when the light around you changes for an incredible viewing experience.

Have a large video file to transfer? Lightning-fast Thunderbolt™ 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.

aka.ms/Laptop5forBusiness

SURFACE LAPTOP GO 3

Business travelers, frontline workers, and field service.

Well-suited for life on the move and in the cloud, the Surface Laptop Go 3 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 3:2 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 Laptop Go 3'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.

aka.ms/LaptopGo3forBusiness

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™ 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're face-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.

Enhanced camera experiences, powered by Windows 11

Lighten camera

15" Aluminum casing in Platinum

Ultra-vivid colors with Dolby Vision®

Versatile Thunderbolt™ 4 connectivity

13.5" PixelSense™ touchscreen for ultra-portable productivity

13.5" with Alcantara® material palm rest

Microsoft Surface Laptop 5

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

Select SKUs built on the Intel® Evo™ Platform

15" with metal palm rest

MEMORY AND STORAGE[3]

8GB, 16GB, or 32GB LPDDR5x RAM

Removable[2] solid-state drive (SSD)

Options: 256GB, 512GB, or 1TB

BATTERY LIFE[1]

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

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

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™[5] support

Touch: 10-point multi-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-point multi-touch

Gorilla® Glass 5

Brightness: 400 nits maximum (typical). 5 nits minimum

AUDIO

Dual far-field Studio Mics

Omnisonic® Speakers with Dolby ®Atmos®[6]

Microsoft Surface Laptop 5

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.

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)

SOFTWARE
Windows 11 Pro or Windows 10 Pro

Preloaded Microsoft 365 Apps[2] Microsoft 365 Business Standard,

Microsoft 365 Business Premium, or Microsoft 365 Apps 30-day trial[7]

SERVICEABILITY[4]
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)
1950
(Intel® 13.5" Alcantara® material) 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 1.0 W/kg pour le tronc

1951
(Intel® 13.5" Boîtier: Aluminum) 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 1.0 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 concerné.
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 concerné.
Le DAS maximal autorisé est de 0.38 W/kg pour le tronc

ACCESSIBILITY
Compatible with Microsoft Adaptive Kit

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

Microsoft Surface Laptop 5

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)

SENSORS

Ambient light sensor

WHAT'S IN THE BOX

Surface Laptop 5 13.5" and 15"

Power Supply

Quick Start Guide

Safety and warranty documents

BATTERY CAPACITIES

Battery Capacity Nominal (WH) 47.4

Battery Capacity Min (WH) 45.8

EXTERIOR

Casing: Aluminum

Power and Volume buttons on keyboard

Surface Laptop 5 13.5" colors10

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" colors10

Platinum with metal palm rest

Matte Black with metal palm rest

SUSTAINABILITY[8]

Meets ENERGY STAR® requirements

Registered EPEAT® Gold in the US and Canada[9]

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

Keyboard backlight

WARRANTY[11]

1-year limited hardware warranty

PEN AND ACCESSORIES COMPATIBILITY

Designed for Surface Pen6

Supports Microsoft Pen Protocol (MPP)

NETWORK AND CONNECTIVITY

Wi-Fi 6: 802.11ax compatible

Bluetooth® Wireless 5.1 technology

GRAPHICS

Intel® Iris® Xe Graphics

Microsoft Surface Laptop 5

Disclaimers

1. **Up to 18 hours of battery life based on typical Surface device usage on Surface Laptop 5 13.5"** 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-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. **Up to 17 hours of battery life based on typical Surface device usage on Surface Laptop 5 15"** 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.
2. Sold separately. Software license required for some features. (Japan versions are pre-installed. Not a trial. Need to call it out in OS.)
3. 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. See **Surface.com/Storage** for more details.
4. 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.
5. Requires Dolby Vision® encoded content and video.
6. Requires Dolby® Atmos® encoded content/audio.
7. 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. See **https://aka.ms/m365businesstrialinfo**.
8. Download the full Eco profile see – **https://aka.ms/ProX_EcoProfile**
9. For more information on registration in other markets check - **https://aka.ms/LaptopStudio_EPEAT**.
10. Colors available on selected models only. Available colors, sizes, finishes, and processors may vary by store, market, and configuration.
11. Microsoft's Limited Warranty is in addition to your consumer law rights. Savoir plus.

Microsoft Surface Laptop Studio 2

The versatility to create. The power to perform.

Reimagine how your team gets work done with the most powerful Surface ever. **Surface Laptop Studio 2** delivers enterprise-level performance in a revolutionary design that seamlessly transitions between modes.

Go from a touchscreen laptop to the perfect angle for collaboration to a portable canvas, all at the fast pace of the modern workplace. With Microsoft security and innovative Windows 11 features enabled out of the box, Surface Laptop Studio 2 is the ultimate powerhouse laptop.

Designed for performance

The most powerful Surface delivers over 2x more computing power and up to twice the graphics performance for demanding jobs or multitasking.[1]

Empower creativity and collaboration

Elevate productivity through with Microsoft 365[2] through a high-quality touchscreen, Studio Camera, speakers, mics, and all the ports your workers need.

Versatility for any challenge

Give your teams the power to tackle any challenge, whether they're compiling data, multitasking across 4K displays, jumping between calls, or sketching ideas.

Deploy, manage, and stay secured anywhere

Protect your organization's data with Secured-core PCs and chip-to-cloud security[3] as IT saves time and money through modern deployment and management.

Vibrant 14.4"[4] PixelSense™ Flow touchscreen with a refresh rate up to 120hz

Omnisonic® speakers and far-field Studio Mics featuring Voice Clarity[6]
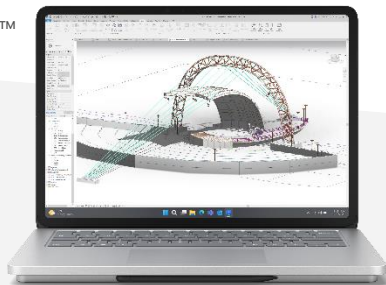
A more serviceable design that minimizes downtime[5]

All-day productivity with all-day battery life[8]
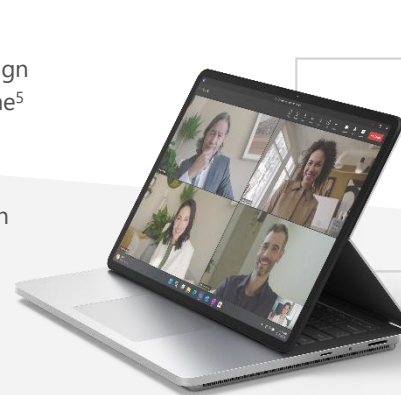
New Studio Camera with a wide field of view and AI-powered features

Seamless transitions between three different modes through the dynamic woven hinge

Inking like pen on paper with Surface Slim Pen 2[7]

PARTNER LOGO

Microsoft Surface Laptop Studio 2

PROCESSOR

13th Gen Intel® Core™ i7- 13800H Processor

Built on the Intel® Evo™ platform

Intel® Gen3 Movidius 3700VC VPU AI Accelerator

GRAPHICS

Graphics options:

NVIDIA® GeForce RTX™ 4050 Laptop GPU with 6GB GDDR6 vRAM

2130 MHz boost clock speed, 80W maximum graphics power

NVIDIA® GeForce RTX™ 4060 Laptop GPU with 8GB GDDR6 vRAM

2010 MHz boost clock speed, 80W maximum graphics power

NVIDIA® RTX™ 2000 Ada

Generation Laptop GPU with 8GB GDDR6 vRAM

2115 MHz boost clock speed, 80W maximum graphics power

Intel® Iris® Xe Graphics

MEMORY AND STORAGE[1]

Memory options:

16GB, 32GB or 64GB LPDDR5x RAM

Storage options:

Removable[2] solid-state drive (Gen 4 SSD) options: 512 GB, 1TB or 2TB

DISPLAY

HDR Touchscreen: 14.4"[3] PixelSense™ Flow Display Resolution: 2400 x 1600 (200 PPI)

Refresh rate: up to 120Hz Aspect ratio: 3:2

Contrast ratio 1500:1

Color profile: sRGB and Vivid Individually color-calibrated display

VESA DisplayHDR 400 certified

Dolby Vision IQ®4 support Touch: 10-point multi-touch Corning® Gorilla® Glass 5 display

Brightness:

SDR: 500 nits maximum (typical)

HDR: 650 nits peak luminance[5]

SIZE AND WEIGHT[6]

Length: 12.72 inch (323 mm)

Width: 9.06 inch (230 mm)

Height: 0.86 inch (22 mm)

Weight:

Intel® Iris® Xe graphics model:

4.18 lbs (1.89kg)

NVIDIA® graphics models:

4.37 lbs (1.98 kg)

PARTNER LOGO

Microsoft Surface

Microsoft Surface Laptop Studio 2

BATTERY LIFE[7]
Intel® Iris® Xe graphics model: up to 19 hours of typical device usage

NVIDIA® graphics models (except 2 TB SSD): up to 18 hours of typical device usage 2 TB SSD NVIDIA® graphics models: up to 16 hours of typical device usage

SECURITY
Hardware TPM 2.0 chip for enterprise-grade security and BitLocker support

Enterprise-grade protection with Windows Hello 2.0 face sign-in

Windows 11 Secured-core PC

CAMERAS
Full HD front-facing Surface Studio Camera

1080p Full HD camera with wide field of view

Windows Studio Effects with Auto Framing, Eye Contact, and Background Blur Windows Hello 2.0 face authentication camera

AUDIO
Dual far-field Studio Mics with Voice Clarity[8]

Quad Omnisonic® speakers with Dolby® Atmos®[9]

PORTS
2 x USB-C® with USB4®/ Thunderbolt™ 4 (with DisplayPort and Power Delivery)

USB-A 3.1

MicroSDXC card reader

3.5 mm headphone jack Surface Connect port

NETWORK AND CONNECTIVITY
Wi-Fi 6E: 802.11ax compatible Bluetooth® Wireless 5.3 technology

PEN AND ACCESSORIES COMPATIBILITY
Designed for Surface Slim Pen 2[10] and supports tactile signals

Integrated Surface Slim Pen 210 storage for charging under the keyboard

Supports Microsoft Pen Protocol (MPP)

SOFTWARE
Windows 11 Pro

Preloaded Microsoft 365 Apps[11]

Microsoft 365 Business

Standard, Microsoft 365 Business Premium, or Microsoft 365 Apps 30-day trial[12]

PARTNER LOGO

Microsoft Surface Laptop Studio 2

ACCESSIBILITY

Surface Precision Haptic touchpad with adjustable click sensitivity, right click area, and adaptive touch mode Compatible with Surface Adaptive Kit

Compatible with Microsoft Adaptive Accessories Includes Windows Accessibility Features – Learn More Accessibility Features | Microsoft Accessibility Discover more Microsoft Accessible Devices & Products – Accessible Devices & Products for PC & Gaming | Assistive Tech Accessories - Microsoft Store

SUSTAINABILITY

Sustainable Products & Solutions | Microsoft CSR

SERVICEABILITY

Replaceable components include:[2]

SSD

AB cover module (display)

C cover (including: keyboard, touchpad and pen charger) D-Plate + battery Motherboard

Cosmetic plate Charging Port (Surface Connect connector) MicroSDXC card reader

USB-C® and USB-A ports connectors

Audio jack

EXTERIOR

Casing: Anodized aluminum Color: Platinum

HINGE

Dynamic Woven Hinge made of woven fabric

SENSORS

Auto brightness via Ambient Color Sensor

Accelerometer Gyroscope

WHAT'S IN THE BOX

Surface Laptop Studio 2 Power supply: Intel® Iris® Xe graphics model: 102W NVIDIA® graphics models: 120W

Quick start guide Safety and warranty documents

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 and mute Backlight

Precision Haptic touchpad

WARRANTY[13]

1-year limited hardware warranty

BATTERY CAPACITIES[6]

Battery capacity Nominal (WH) 58

Battery capacity Min (WH) 56

Disclaimers

2. 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. Availability of replaceable components and service options may vary by market and/or at initial product launch.

6. Might vary depending on manufacturing processes.

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

PARTNER LOGO

Microsoft Surface Laptop Go 3

Ultra-thin design. Impactful performance.

The lightweight **Surface Laptop Go 3** takes work as seriously as your workers. Employees can multitask on the go or collaborate from any space as they breeze through essential tasks, connect clearly on video calls, and collaborate to drive impactful.

Performance for everyday productivity

Set employees up to exceed expectations no matter where they work with professional-grade performance and all-day battery life.[1]

Designed for impact

Unlock your team's impact with a spacious screen and full-sized keyboard on a device designed to last.

Collaboration wherever work gets done

Help teams collaborate, co-create, and communicate effortlessly with Windows 11, Microsoft 365,[2] and Surface Laptop Go 3 high-quality camera, mics, and speakers.

Deploy, manage, and stay secured anywhere

Give your IT team peace of mind with Secured-core PCs as they save time and budget through streamlined deployment, modern management, and built-in, chip-to-cloud security.[3]

Vibrant 12.4" PixelSense™ touchscreen at Surface's signature 3:2 aspect ratio[4]

Intel® Core™ i5 processor with up to 16GB RAM and 512GB of storage

A robust design that's tested for reliability and durability

Ultra-light and highly portable at just under 2.5 lbs (1.13 kg)

Up to 15 hours of battery life[1] and Fast Charging

HD camera, dual Studio Mics, and Omnisonic® Speakers with Dolby® Audio™ Premium

One Touch sign-in with Windows Hello for Business and Fingerprint Power Button[5]

PARTNER LOGO

Microsoft Surface Laptop Go 3

PROCESSOR
12th Gen Intel® Core™ i5 - 1235U Processor

GRAPHICS
Intel® Iris® Xe Graphics

MEMORY AND STORAGE[1]
Memory options:
8GB or 16GB LPDDR5 RAM

DISPLAY
Storage options:
Removable[2] UFS Drive: 128GB Removable[2] solid-state drive (SSD) options: 256GB or 512GB

SIZE AND WEIGHT[2]
Touchscreen: 12.4" PixelSense™ Display Resolution: 1536 x 1024 (148 PPI)
Aspect ratio: 3:2
Contrast ratio 1000:1 Color profile: sRGB and Enhanced
Individually color-calibrated display
Touch: 10-point multi-touch Corning® Gorilla® Glass 3 Brightness: 320 nits (typical)

SIZE AND WEIGHT[3]
Length: 10.95 inch (278 mm)
Width: 8.12 inch (206 mm)
Height: 0.62 inch (15.7 mm)
Weight: 2.49 lbs (1.13 kg)

BATTERY LIFE4
Up to 15 hours of typical device usage

NETWORK AND CONNECTIVITY
Wi-Fi 6: 802.11ax compatible Bluetooth® Wireless 5.1 technology

SECURITY
Hardware TPM 2.0 chip for enterprise-grade security and BitLocker support
Enterprise-grade protection with Windows Hello sign-in with Fingerprint Power Button (Surface Laptop Go 3 i5/8 GB/128 GB does not include Fingerprint Power Button) Windows 11 Secured-core PC

CAMERAS
720p HD front-facing camera

AUDIO
Dual far-field Studio Mics with Voice Clarity5
Omnisonic® Speakers with Dolby® Audio™ Premium

PORTS
USB-C® 3.2 (data, DisplayPort and charging)
USB-A 3.1
3.5 mm headphone jack Surface Connect port

PARTNER LOGO

Microsoft Surface Laptop Go 3

SOFTWARE
Windows 11 Pro

Preloaded Microsoft 365 Apps[6]

Microsoft 365 Business

Standard, Microsoft 365 Business Premium, or Microsoft 365 Apps 30-day trial[7]

ACCESSIBILITY
Compatible with Surface Adaptive Kit

Compatible with Microsoft Adaptive Accessories Includes 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

SUSTAINABILITY
Sustainable Products & Solutions | Microsoft CSR

SERVICEABILITY
Replaceable components include:[2]

SSD

AB Cover module (display) C Cover (include keyboard and touchpad)

Battery Motherboard

Charging Port (Surface Connect connector) Feet

EXTERIOR
Top: Anodized aluminum Color: Platinum

SENSORS
Ambient light sensor

WHAT'S IN THE BOX
Surface Laptop Go 3 39W Power Supply Quick Start Guide Safety and warranty documents

KEYBOARD LAYOUT
Activation: Moving keys Layout: QWERTY, full row of function keys (F1 – F12) Windows key and dedicated buttons for media controls, screen brightness

WARRANTY[8]
1-year limited hardware warranty

BATTERY CAPACITIES[3]
Battery capacity Nominal (WH) 41

Battery capacity Min (WH) 40

PARTNER LOGO

Microsoft Surface Hub 3

Dissolve meeting boundaries and bring collaboration to life

Microsoft designed **Surface Hub 3** to combine the power of a collaborative digital canvas, seamless video conferencing, and intuitive touch and pen capabilities. These features come together to enable dynamic teamwork—wherever and however your people join in. Give your employees the power to achieve more together through real-time collaboration and information sharing.

Auto-framing through the AI-powered Surface Smart Camera gives participants a dynamic view of the room.

The 8-element MEMS linear microphone array ensures everyone's voice is crystal clear, whether they're in person or remote.

In-cell display technology brings a human touch to the touchscreen experience.

Images and video show up crisp and clean on the 8-bit, color-calibrated 4K HDR screen.

The employee Experience matters

Hardware and software come together to create a seamless Microsoft Teams Room experience for every participant. Between Microsoft's investment in human-centered design and Surface's pioneering history of premium form factors, Surface Hub 3's technology fades into the background so collaboration stays front and center.

Manage remotely, stay Secured anywhere

Deploy with ease, manage your devices from anywhere, and maintain secured control of every Surface Hub 3's with Microsoft Intune, Microsoft Teams admin center, and Windows 11 Pro. As part of the Microsoft ecosystem, Surface Hub 3's built-in, chip-to-cloud security[1] keeps your employees and your organization safe.

Putting your business first

Versatile accessories and mobile stands adapt your collaborative canvas to your evolving space and technology needs. Through modular design that unlocks repairability and ongoing upgrades, Surface Hub 3 protects your investment by maximizing value throughout its lifecycle.

With 4,096 pressure points, Surface Hub 3's display delivers the most natural pen experience of any device in its class.

The APC™ Charge Mobile Battery[2] for Surface Hub 3 provides the power to roam.

Screen rotation enables fluid transitions from portrait to landscape to flex the format to the task at hand.

Disclaimers
* Screen background shown is available for download. Appearance may vary.
1. Some cloud-enabled features and functionality require paid subscription and/or qualifying license.
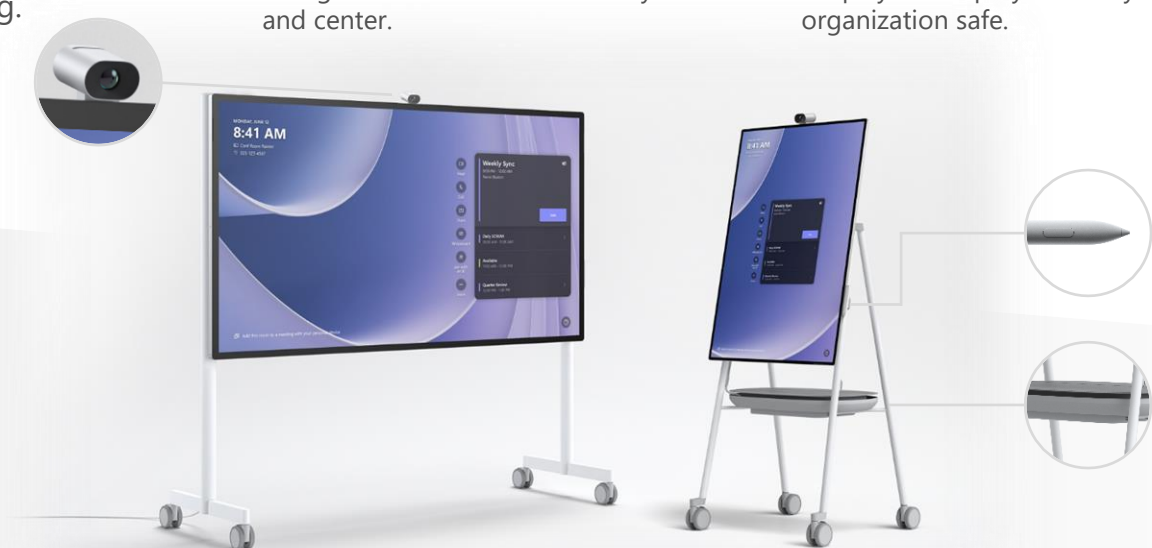2. APC™ Charge Mobile Battery for Surface Hub 3 50" sold separately.

PARTNER
LOGO

Microsoft Surface

Microsoft Surface Hub 3 50"

PROCESSOR
Intel i5

GRAPHICS
iGPU

MEMORY AND STORAGE¹
Memory: 32 GB
Storage: 512 GB

RESOLUTION
3840 x 2560

DISPLAY
PixelSense™ Display
3:2 aspect ratio
8-bit color
15.5mm border
Anti-glare, IPS LCD
In-cell Touch with 10 simultaneous touch points and two pens

SIZE AND WEIGHT²
Height: 29.2 inch (741 mm)
Width: 43.2 inch (1097 mm)
Depth: 3.0 inch (76 mm)
Weight: 61.6 lbs (28 kg)

SECURITY
Trusted Platform Module 2.0

CAMERAS
Microsoft Surface Hub Smart Camera,⁵ 4K, custom USB-C® connection, 136-degree HFOV

AUDIO
100Hz-12KHz range front- facing 3-way stereo speakers, including (6) front-facing mid- range, (3) front-facing tweeter and (1) rear bass drivers
2x full band 8-element MEMS microphone arrays
Smart AV optimizes audio to Portrait or Landscape

PORTS
(4) USB-C including two camera ports (on display)
(1) USB-A™ (on display)
RJ45 Gigabit Ethernet
Mini-DisplayPort™ Video Output*
HDMI Video Input**
USB-C with Alt-Mode
DisplayPort Input**

*Available when running Windows 10/11 Pro/ Enterprise.

**Available in bypass only. Visit Surface Hub | Microsoft Learn for additional information on connecting devices to Surface Hub.

NETWORK AND CONNECTIVITY
Wi-Fi 5: IEEE 802.11ac
(a/b/g/n/ac compatible) Bluetooth® Wireless 5.1 technology
Gigabit Ethernet
Microsoft Teams Cast*

*For additional information on casting content to Microsoft Teams Rooms, visit Microsoft Support.

PEN AND ACCESSORIES COMPATIBILITY
Active, dual-pen inking support
Microsoft Surface Hub Pen⁶ (active)
Microsoft Surface Slim Pen, Microsoft Surface Slim Pen 2 Compatible with Microsoft Teams Rooms certified peripherals

PARTNER LOGO

![Microsoft Surface]

Microsoft Surface Hub 3 50"

SOFTWARE

Windows 11 IoT Enterprise with the Microsoft Teams Rooms on Windows experience

Configurable to Windows 11 Pro/Enterprise*

*Software license and image required. Sold separately. For additional information, visit Microsoft Learn.

ACCESSIBILITY

Compatible with height- adjustable, mobile stands* Includes Teams Accessibility Features – Learn More Accessibility Features | Microsoft Accessibility Discover more Microsoft Accessible Devices & Products - Accessible Devices & Products for PC & Gaming | Assistive Tech Accessories - Microsoft Store

*Sold separately.

SERVICEABILITY[3]

User-replaceable components include:

Modular compute cartridge with removable SSD Surface Hub Smart Camera[5] Surface Hub Pens[6]

EXTERIOR

Casing: Precision machined aluminum with mineral - composite resin

Color: Platinum

Physical Buttons: Power, Volume, Source

SENSORS

Doppler occupancy sensor Accelerometer Gyroscope

WHAT'S IN THE BOX

(1) Surface Hub 3 50"

(1) Surface Hub Smart Camera[5]

(1) Surface Hub Pen[6] 3m AC Power Cable Quick Start Guide

WARRANTY[4]

1-year limited hardware warranty

Disclaimers

3. 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. Availability of replaceable components and service options may vary by market and/or at initial product launch.

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

5. Formerly known as the Surface Hub 2 Smart Camera.

6. Formerly known as the Surface Hub 2 Pen.

Microsoft Surface Hub 3 85"

PROCESSOR
Intel i5

GRAPHICS
iGPU

MEMORY AND STORAGE[1]
Memory: 32 GB
Storage: 512 GB

RESOLUTION
3840 x 2560

DISPLAY
PixelSense™ Display
16:9 aspect ratio
8-bit color
30.5mm border
Anti-glare, IPS LCD
In-cell Touch with 20 simultaneous touch points and two pens

SIZE AND WEIGHT[2]
Height: 44.5 inch (1130 mm)
Width: 77.1 inch (1959 mm)
Depth: 3.4 inch (85.6 mm)
Weight: 185 lbs (84 kg)

SECURITY
Trusted Platform Module 2.0

CAMERAS
Microsoft Surface Hub Smart Camera,[5] 4K, custom USB-C® connection, 136-degree HFOV

AUDIO
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

PORTS
(3) USB-C (on display)
(1) USB-A™ (on display)
RJ45 Gigabit Ethernet
Mini-DisplayPort™ Video Output*
HDMI Video Input**
USB-C with Alt-Mode
DisplayPort Input**

*Available when running Windows 10/11 Pro/ Enterprise.

**Available in bypass only. Visit Surface Hub | Microsoft Learn for additional information on connecting devices to Surface Hub.

NETWORK AND CONNECTIVITY
Wi-Fi 5: IEEE 802.11ac

(a/b/g/n/ac compatible) Bluetooth® Wireless 5.1 technology

Gigabit Ethernet

Microsoft Teams Cast*

*For additional information on casting content to Microsoft Teams Rooms, visit Microsoft Support.

PEN AND ACCESSORIES COMPATIBILITY
Active, dual-pen inking support
Microsoft Surface Hub Pen[6] (active)
Microsoft Surface Slim Pen, Microsoft Surface Slim Pen 2 Compatible with Microsoft Teams Rooms certified peripherals

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. See Surface.com/Storage for more details.
2. Size and weight vary by configuration and manufacturing process.
5. Formerly known as the Surface Hub 2 Smart Camera.
6. Formerly known as the Surface Hub 2 Pen.

PARTNER LOGO

Microsoft Surface Hub 3 85"

SOFTWARE

Windows 11 IoT Enterprise with the Microsoft Teams Rooms on Windows experience

Configurable to Windows 11 Pro/Enterprise*

*Software license and image required. Sold separately. For additional information, visit Microsoft Learn.

ACCESSIBILITY

Compatible with height- adjustable, mobile stands* Includes Teams Accessibility Features – Learn More   Accessibility Features | Microsoft Accessibility Discover more Microsoft Accessible Devices &   Products - Accessible Devices & Products for PC & Gaming | Assistive Tech Accessories - Microsoft Store

*Sold separately.

SERVICEABILITY[3]

User-replaceable components include:

Modular compute cartridge with removable SSD Surface Hub Smart Camera[5] Surface Hub Pens[6]

EXTERIOR

Casing: Precision machined aluminum with mineral - composite resin

Color: Platinum

Physical Buttons: Power, Volume, Source

SENSORS

Doppler occupancy sensor

WHAT'S IN THE BOX

(1) Surface Hub 3 85"

(1) Surface Hub Smart Camera[5]

(2) Surface Hub Pen[6] 4m AC Power Cable Quick Start Guide

WARRANTY[4]

1-year limited hardware warranty

PARTNER LOGO

Disclaimers

3. 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 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. Availability of replaceable components and service options may vary by market and/or at initial product launch.

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

5. Formerly known as the Surface Hub 2 Smart Camera.

6. Formerly known as the Surface Hub 2 Pen.

Microsoft Surface

Accessories

Microsoft Surface Hub 3 Pack

PROCESSOR   Intel i5

GRAPHICS   iGPU

MEMORY AND STORAGE[1]   Memory: 32 GB

Storage: 512 GB

SIZE AND WEIGHT[2]   Dimensions: 10.8in x 8.7in x 1.3in (275mm x 220mm x 32mm)

Weight: 2.1 lbs (954gm)

SECURITY   Trusted Platform Module 2.0

PORTS   USB-A

RJ45 Gigabit Ethernet

Mini-DisplayPort Video Output*

HDMI Video Input**

USB-C® with Alt-Mode

DisplayPort Input**

*Available in Windows desktop only.

**Available in bypass only. Visit Surface Hub | Microsoft Learn to learn more about how to connect devices to Surface Hub.

SOFTWARE   Windows 11 IoT Enterprise with the Microsoft Teams Rooms on Windows experience

Configurable to Windows 11 Pro/Enterprise*

*Software license and image required. Sold separately. For additional information, visit Microsoft Learn.

ACCESSIBILITY   Physical tactile feature to identify Surface Hub 3 Pack

SERVICEABILITY[3]   User-replaceable components include:

Removable SSD

EXTERIOR   Casing: Stainless steel with mineral-composite resin Color: Platinum

WHAT'S IN THE BOX   Surface Hub 3 Pack Setup Guide

WARRANTY[4]   1-year limited hardware warranty

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. See Surface.com/Storage for more details.
2. Size and weight vary by configuration and manufacturing process.
3. 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. Availability of replaceable components and service options may vary by market and/or at initial product launch.
4. Microsoft's Limited Warranty is in addition to your consumer law rights.

PARTNER LOGO

Accessories

Microsoft Surface Hub Smart Camera[5]

DIMENSIONS
43mm high (54.6mm high with foot) x 67mm wide x 66mm deep (42mm wide foot)

MEMORY
1 GB DRAM, 8 GB eMMC (Not user accessible)

PROCESSOR
Intel Myriad X 2085 (Image Signal Processor and NN SOC with 1 TFLOPS of DNN acceleration and 18 cores)

SECURITY
Camera software is updatable through Windows Update via Hub
Software updates protected by signature security process

SOFTWARE
Intelligent functionality: IntelliFrame support on Microsoft Teams Rooms* Automatic framing** (automatically frames people in field of view)

Image optimization (auto exposure, auto white balance, anti-flicker)

Tilt angle adapting de-warp/un-distortion for natural faces across the field of view

Upgradability:

Internal Camera firmware can be updated with new functionality or bug fixes through Windows Update

*Software license required. Sold separately.

**Available when running Windows 10 Team Edition or Windows 10/11 Pro/ Enterprise.

SENSORS
Sensor Resolution: 12MP

CONNECTIONS
Mounting: Top of Surface Hub 2S and Surface Hub 3 50" and 85"

Mechanical & Electrical Interface to Hub: USB-C break-away magnetic attach to top of bezel

Interface to Surface Hub 2S, Surface Hub 3 50" and 85": Customized USB-C Reversible USB-C connection: Not supported.

CAMERA AND VIDEO FEATURES
Fixed focus lens with 11 glass elements

1 RGB Camera Module Working Distances: 1.0 – 7.4m HFOV: >136 degrees

Tilt range: +20deg and

-20deg from horizontal. Surface Hub Smart Camera[5] adapts its de-warp mesh

to un-distort the image according to the camera tilt angle, so the image always looks natural.

Video Format: 16:9 (NV12 at 360p, 720p, 1080p, 1440p)

Privacy cover magnetically attaches to front of camera for privacy, and magnetically attaches to back of camera for convenient storage

EXTERIOR
Casing: Anodized Aluminum Color: Platinum

Physical buttons: None One white LED indicator for camera status (indicator is only visible when 'On')

PARTNER LOGO

Accessories

Microsoft Surface Hub Smart Camera[5]

WARRANTY[4]   1-year limited hardware warranty
(All Countries)

WHAT'S IN THE BOX   Microsoft Surface Hub Smart Camera[5] with
privacy cover Quick Start Guide

Safety and warranty documents

WEIGHT[2]   180g with privacy cover

PARTNER
LOGO

Accessories

Microsoft Surface Hub Pen⁶

DIMENSIONS	5.94" x 0.64" x 0.56" (151 mm x 16.3 mm x 14.3 mm)
WEIGHT²	0.09 lb (41g)
BUTTONS	Barrel button and tail eraser

COLOR	Grey
CONNECTOR TYPE	Bluetooth 4.0
COMPATIBILITY	Surface Hub 3 50" and 85" Surface Hub 2S*

*Also compatible with select Surface devices.
Visit Microsoft Support for additional information.

Disclaimers
2. Size and weight vary by configuration and manufacturing process.
6. Formerly known as the Surface Hub 2 Pen.

Microsoft Surface Headphones 2+

The smarter way to connect

Tackle hybrid work with exceptional audio and smooth connectivity when collaborating from anywhere. Experience next-level 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)

WEIGHT
0.64 lb (290 g)

INPUTS
Headphones: USB C® connector, 3.5 mm audio connector
Microsoft Surface USB Link: USB-A4

BATTERY LIFE
Up to 18.5 hours of music listening time[1] or up to 15 hours of voice calling on Microsoft Teams[2]

CHARGING
Full charge in less than 2 hours

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

BUTTONS AND CONTROLS
Power button, Microsoft Teams button, volume dial (right ear), noise cancellation dial (left ear), single earcup tap (mute)

SENSORS
Wear detection sensors on earcups
Touch sensors on earcups

Connect wirelessly with Microsoft Surface USB

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.

Microsoft Surface Headphones 2+

SPEAKER	40 mm Free Edge driver
FREQUENCY RESPONSE	20 ~ 20kHz
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)
NOISE CANCELLATION	Up to 30 dB for active noise cancellation
	Up to 40 dB for passive noise cancellation

WHAT'S IN THE BOX	Surface Headphones 2+, Carrying case, USB cable, Audio cable, Microsoft Surface USB Link (USB-A[3]), Quick Start Guide, Safety and warranty documents
USB CORD LENGTH	1.5 m
AUDIO CABLE LENGTH	1.2 m
COLORS	Matte Black
WARRANTY[5]	1-year limited hardware warranty

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.
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 Surface Slim Pen 2

Write and sketch with the feeling of pen
on paper and a rechargeable design[6]

Write, sketch, navigate, and recharge.[6] 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.

Tail button
and eraser

Haptic motor
works with:[1,3]

Select button

Sharper tip for
accuracy and shading

Microsoft Surface Slim Pen 2

DIMENSIONS
Length: 5.38" (136.8 mm)
Width: 0.44" (11.3 mm)
Depth: 0.25" 6.3 mm)

TACTILE SIGNALS[1]
Haptic feedback functionality compatible only with Surface Pro 8*, Surface Pro 9*, and Surface Laptop Studio* with Windows 11

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[2]

WHAT'S IN THE BOX
Surface Slim Pen 2
Quick Start Guide
Safety and warranty documents

BUTTONS
Side button, Top Button with eraser functionality

WARRANTY[5]
1-year limited hardware warranty

BATTERY
Rechargeable Lithium Ion
Up to 15 hours of typical usage[3]

PRESSURE SENSITIVITY
4,096 pressure levels
Zero Force Inking[4]

EXTERIOR
Color: Matte Black
Material: Plastic Enclosure

COMPATIBILITY4
Designed for:
Surface Laptop Studio
Surface Pro 8, Pro 9
Surface Pro X
Surface Duo 2
Surface Hub 2S
Surface Slim Pen 2 Tips

BATTERY CAPACITIES
Battery Capacity Nominal (WH): 0.171
Battery Capacity Min (WH): 0.164

CONNECTION
Bluetooth® Wireless 5.0 technology

WEIGHT
0.03 lb. (13 g)

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 Pro 9 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. Visit aka.ms/SurfaceSlimPenChargerUpdate for more information.

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

4. Compatibility details can be found at https://aka.ms/SurfaceSlimPenCompatibility

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 Thunderbolt™ 4 Dock

Maximize your workspace with Surface Thunderbolt™ 4 Dock

Surface Thunderbolt™ 4 Dock delivers ultra-high speed data transfer, the versatility to connect the most important peripherals, and simplifies workspaces for ultimate productivity. Stay secure by locking down ports and restricting functionality with Surface Enterprise Management Mode for Dock.[1,2] MAC Address Passthrough[3] maintains device network identity from one dock to another for ease of management in shared workspaces.

DIMENSIONS 5.91" x 2.95" x 0.84"
(150 mm x 75 mm x 21.3mm)

WEIGHT 0.9 lb (410 g)

WHAT'S IN THE BOX Microsoft Surface Thunderbolt™ 4 Dock
165W Power Supply

CONNECTIONS 165W power supply (up to 96W passthrough)

Thunderbolt™ 4 Cable with LED charging indicator (80 cm)

1 front-facing USB-A (USB 3.1 Gen 2, 7.5W)

1 front-facing USB-C® (USB 4 Thunderbolt™ 4, video display enabled, 15W)

2 rear-facing USB-A (USB 3.1 Gen 2, 7.5W)

2 rear-facing USB-C® (USB 4 Thunderbolt™ 4, video display enabled, 15W)

1 Ethernet (2.5Gbit/s)

3.5 mm audio jack

Security lock support (Kensington compatible)

Screw nut for desk mounts

Compatible with Cable Matters Desk Mount for Microsoft Surface Thunderbolt™ 4 Dock. Learn more about Design for Surface and the mount at https://learn.microsoft.com/]en-us/surface/surface-dock-whats-new

Microsoft Surface

Microsoft Surface Thunderbolt™ 4 Dock

COMPATIBILITY[4]

Designed for devices with USB-C® with USB 4.0/Thunderbolt™ 4 port:

Surface Laptop 5

Surface Laptop Studio

Surface Pro 8

Surface Pro 9 (Intel/Wi-Fi)

Thunderbolt™ 4 connection supports two 4k external displays at up to 60hz (when supported by device and display)

Compatible with devices with USB-C® port:

Surface Pro 9 with 5G

Surface Pro 7+

Surface Pro 7

Surface Pro X

Surface Laptop 4

Surface Laptop 3

Surface Laptop Go 2

Surface Laptop Go

Surface Go 3

Surface Go 2

Surface Book 3

Surface Studio 2+ (no charging)

USB-C® connection supports one 4k external display at up to 60hz (when supported by device and display)

Not compatible devices:

Surface Duo

Surface Duo 2

Surface Hub

Surface Hub 2S

Laptop SE

WARRANTY[3]   1-year limited hardware warranty

ACCESSIBILITY   Tactile indicators for easily identifying the ports

SUSTAINABILITY   Microsoft Surface Thunderbolt™ 4 Dock and PSU enclosures (excluding AC cable) are attributed to 20% ocean-bound plastic Sustainable Products & Solutions | Microsoft CSR

Disclaimers

1. Learn more about Design for Surface and the mount at https://learn.microsoft.com/en-us/surface/surface-dock-whats-new
2. Surface Enterprise Management Mode for Dock and MAC address passthrough are available on select host devices and supported operating systems.
3. Ocean-bound plastic is plastic waste recovered from oceans and waterways, cleaned, and processed into recycled plastic resin pellets. These recycled pellets are blended in with virgin plastic during the manufacturing process