Copilot+PC

Surface Pro

12-inch

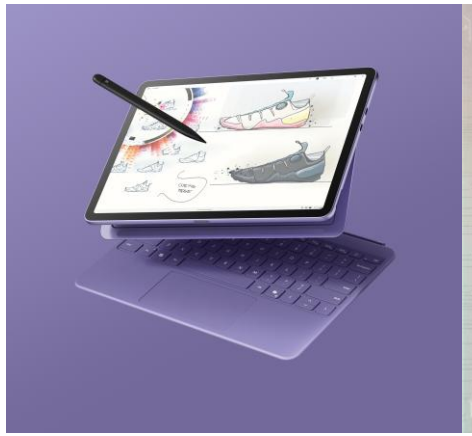
Fact Sheet

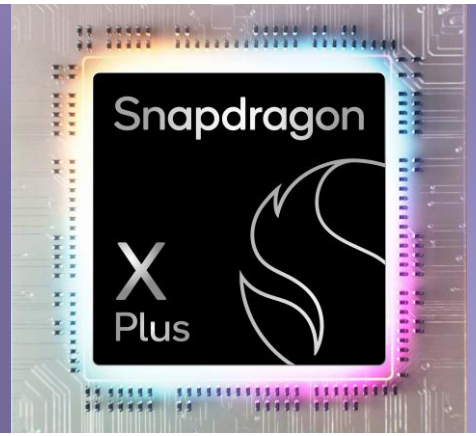
May 2025

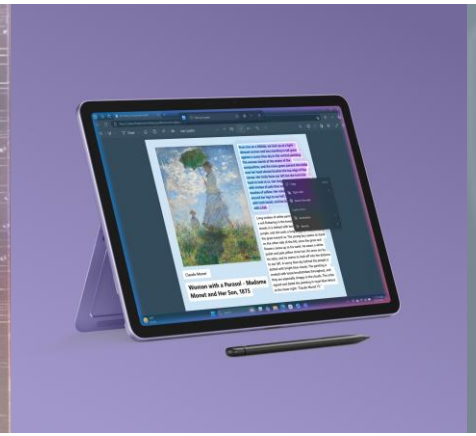
Microsoft Surface

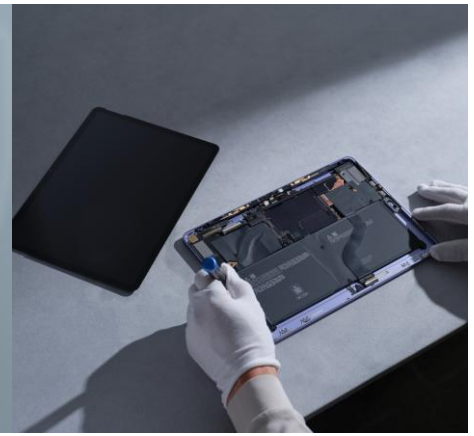
Works like a laptop. Plays like a tablet.

The most versatile laptop that’s also a super powerful tablet. Get the flexibility and style you want, and the speed you need with 12-inch Surface Pro, a Copilot+ PC.









Productivity and creativity on the go.
The thinnest and lightest Copilot+ PC.[1] Browse the web with touch, take notes with Slim Pen, ask Copilot questions with your voice, or click in the Surface Pro 12-inch keyboard for a full laptop experience.[2]

All-day energy
Dive into the day with Surface Pro, 12-inch at your side. Packed with up to 16 hours[3] of battery life and powered by Snapdragon® X Plus processors, it's your go-to for getting stuff done.

Your new superpower
Now with a Copilot key for instant access to your AI assistant,[4] and new enhanced AI features like Recall, Click to Do, Improved Windows Search, Live Captions with live translation,[5] Relight in Photos,[6] and Windows Studio Effects.

Engineered to protect you at every level
Uncompromising chip-to-cloud security. Surface provides world-class security across multiple layers including hardware, firmware, software, application, and identity.

Designed with sustainability in mind
The first Pro with 100% recycled cobalt in the battery cell,[7] and nearly all components designed for replacement by skilled technicians or authorized service providers.[8]

Surface Pro, Copilot+ PC

12-inch | Snapdragon

Processor	Snapdragon® X Plus (8 Core)
NPU	Qualcomm® Hexagon™ with 45 TOPS
Graphics	Qualcomm® Adreno™ GPU
Memory and storage[9]	Memory options: 16GB LPDDR5x RAM Storage options: 256GB, 512GB (UFS)

Copilot+PC

Microsoft Surface

Display	Touchscreen: 12″ PixelSense™ LCD display[10] Resolution: 2196 x 1464 (220 PPI) Aspect ratio: 3:2 Contrast ratio: 1200:1 Refresh rate: up to 90Hz (60Hz default) Color profile: sRGB and Enhanced Individually color-calibrated display Adaptive color Adaptive contrast Touch: 10-point multi-touch Strengthened glass display Brightness: 400 nits maximum (typical)
Size and Weight[11,12]	Length: 10.8 inch (274 mm) Width: 7.47 inch (190 mm) Height: 0.30 inch (7.8 mm) Weight: 1.5 lbs (686 g)
Battery life	Up to 16 hours of local video playback[13] Up to 12 hours of active web usage[14]

Security	Enhanced security with Microsoft Pluton TPM 2.0 Windows 11 Secured-core PC Windows Hello face authentication with Enhanced Sign-in Security Microsoft Defender for enhanced identity and privacy protection[15]
Cameras	1080p Full HD front-facing Surface Studio Camera Support for Windows Studio Effects with automatic framing, portrait blur, creative filters (illustrated, animated, watercolor), eye contact, and portrait light 10 MP Ultra HD rear-facing camera Windows Hello face authentication camera with Enhanced Sign-in Security
Audio	Dual Studio Mics with enhanced voice focus[16] 2W stereo speakers with Dolby Atmos®[17] Support for Bluetooth® LE Audio
Ports and charging	2 X USB-C®/ USB 3.2 ports with support for: • Charging • Data transfer • DisplayPort 1.4a with support up to 2 4k monitors @ 60 Hz • Surface Thunderbolt™ 4 Dock and other accessories Supports fast charging with minimum 45W charger via USB-C®[18] Surface Pro 12-inch Keyboard connector

Network and connectivity

Wi-Fi 7[19]

Bluetooth® Core 5.4 technology

Pen & keyboard compatibility[2]

Keyboard compatibility

Surface Pro 12-inch Keyboard

Pen compatibility

Designed for Surface Slim Pen (2nd Edition)
Integrated storage and wireless charging for Surface Slim Pen located on the back of Surface Pro, 12-inch.

Supports haptic feedback with Surface Slim Pen

Supports Microsoft Pen Protocol (MPP)

Software

Windows 11 Home

Preloaded Microsoft 365 Apps[20]

Microsoft 365 Family 30-day trial[21]

Microsoft Defender App[22]

Preloaded Xbox app

Xbox Game Pass Ultimate 30-day trial (accessible through Xbox Cloud Gaming)[23]

Accessibility

Optional bold keyset available on Surface Pro 12-inch Keyboard [24]

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

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Sustainability

Surface Pro, 12-inch is designed with sustainability in mind

Recycled materials

Enclosure is made with a minimum of 82.9% recycled content, including 100% recycled aluminum alloy and 100% recycled rare earth metals.[25]

Battery cell contains 100% recycled cobalt.[26]

Thoughtful packaging

71% recycled content in wood-based fiber consumer packaging[27]

100% of our virgin paper sourced comes from responsibly managed forests[28]

Energy efficient

ENERGY STAR® certified

Repairability

Clear visual icons and built-in access to repair instructions[29]

Surface Trade-in

We make trade-in convenient and secure for our commercial customers in the U.S. at Microsoft Trade In Program

In 2020, Microsoft committed to becoming carbon negative, water positive and zero waste by 2030. Learn more about how we design with sustainability in mind at Microsoft Surface Sustainability

Serviceability[26]	Replaceable components and self-repair information
Exterior	Casing: Anodized aluminum Colors: Platinum, Ocean, Violet,[30] Physical Buttons: Volume, Power
Kickstand	Kickstand with 165 degrees full friction hinge
Sensors	Ambient color sensor Accelerometer Gyroscope Magnetometer
What's in the box	Surface Pro, 12-inch USB-C® charging cable No charger included Quick Start Guide Safety and warranty documents
Warranty[31]	1-year limited hardware warranty

Microsoft Surface

Surface Pro 12-inch Keyboard

Click in, get typing.

Transform Surface Pro 12-inch into a full laptop. Sleek, light, and durable – Surface Pro 12-inch Keyboard is perfect for on-the-go typing.

Boost your productivity in a click
Attach Surface Pro 12-inch Keyboard to Surface Pro, 12-inch and make it a powerful laptop wherever you are. Designed by Microsoft, it's sleek, durable, and comfortable, featuring a new smooth-matte palm rest and stability that makes typing a breeze.

Sleek design meets bold colors
Choice of 3 rich colors to mix and match with your Surface Pro, 12-inch including Violet, Ocean, and Slate. Inclusive design features a bold keyset option,[32] adaptive touch mode, and Surface Adaptive Kit compatibility.

Complete your Surface Pro experience
Slim Pen stays ready to use with wireless charging and secure storage on the back of Surface Pro, 12-inch. Purchase together to get everything you need to work smarter, create seamlessly, and stay productive.

	Surface Pro 12-inch Keyboard
Compatibility	Surface Pro, Copilot+ PC, 12-inch[32]
Size and weight	Length: 11 inch (276 mm) Width: 7.54 inch (192 mm) Height: 0.27 inch (6.80 mm) Weight: 0.27 lbs (340 g)
Accessibility	Precision touchpad with adaptive touch mode Optional bold keyset[33]
Sustainability	Thoughtful packaging 73% recycled content in wood-based fiber consumer packaging[34] Paper-based, minimizing plastic use 100% of the virgin paper sourced for our packaging comes from responsibility managed forests[35]
Keyboard layout	Activation: Moving (mechanical) keys Layout: English, full row of function keys (F1 - F12) Dedicated key for Copilot[36], microphone mute, snipping, Windows shortcuts, media controls, screen brightness and lock key Optional bold keyset[333] Precision touchpad Backlight

Interface	Magnetic attach
Hinge	Dynamic hinge made of Alcantara® fabric that flexes 360 degrees
Sensors	Accelerometer
Exterior	Material: Smooth-matte palm rest, Alcantara® back cover Colors: Slate, Ocean, Violet[37]
What's in the box	Surface Pro 12-inch Keyboard Quick Start Guide
Warranty	1-year limited hardware warranty[38]

[1] Measured on March 24, 2025. Weight not including keyboard or pen.
[2] Surface Slim Pen and Surface Pro Keyboard are sold separately.
[3] Based on local video playback test. Battery life varies significantly based on usage, network and feature configuration, signal strength, settings, and other factors. See aka.ms/SurfaceBatteryPerformance for details
[4] Feature availability varies by market, see aka.ms/keysupport.
[5] Currently supports translation for video and audio subtitles into English from 40+ languages. Learn more.
[6] Copilot+ PC experiences vary by device and market and may require updates continuing to roll out through 2025; Recall and Click to Do will be coming to European Economic Area later in 2025. See aka.ms/copilotpluspcs
[7] Device (excluding power supply), contains 4.7% recycled cobalt, consisting of 100% recycled cobalt in the battery cell. Based on validation performed by Underwriter Laboratories, Inc. using Environmental Claim Validation Procedure (EVCP) for Recycled Content, UL EVCP-2809-2, Second Edition, dated June 20, 2024. Recycled Content is defined in accordance with ISO 14201.
[8] Replacement components available through online Microsoft Store and iFixIt for out-of-warranty repair. Components can be replaced by individuals with the knowledge and experience to repair electronic devices following Microsoft's Service Guide. Microsoft tools (sold separately) may also be required. Availability of replacement components and service options may vary by product, market and over time. See [Self-repair information for your Surface device - Microsoft Support]. Opening and/or repairing a device can present electric shock, device damage, fire and personal injury risk, and other hazards. Use caution if undertaking self-service repairs. Unless required by law, damage caused during repair is not covered under Microsoft's Limited Hardware Warranty or protection plans.
[9] 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 = 1,000 GB. Surface.com/Storage more details.
[10] Surface Pro, Copilot+ PC, 12-inch display has rounded corners within a standard rectangle. When measured as a standard rectangular shape the screen is 12" diagonally (actual viewable area is less).
[11] Might vary depending on manufacturing processes.
[12] Weight not including keyboard.
[13] Based on local video playback test. Testing conducted by Microsoft in March 2025 using preproduction software and preproduction Surface Pro, Copilot+ PC, 12- inch, Snapdragon® X Plus (8 Core) 256GB, 16GB RAM 1st Edition devices. Testing consisted of full battery discharge during video playback of a .mov file through the Windows Media Player application in 1080p at 24 FPS. All settings were default except screen brightness 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.
[14]Based on a web browsing test. Testing conducted by Microsoft in March 2025 using preproduction software and preproduction Surface Pro, Copilot+ PC, 12-inch, Snapdragon® X Plus (8 Core) 256GB, 16GB RAM 1st Edition devices. Testing consisted of full battery discharge while accessing 12 popular websites over multiple open tabs through the browser. All settings were default except screen brightness 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.
[15] Microsoft 365 Personal or Family subscription required.
[16] Voice focus requires activation, requires Windows 11 and is available in apps which use integrated device microphones and use certain Windows audio processing modes.
[17] Requires Dolby Atmos® encoded content/audio.
[18] Fast charging is supported with USB Type-C® PD charger rated at minimum 45W or higher, sold separately. Testing conducted by Microsoft in March 2025. For details on fast charging see - USB-C® and Fast Charging for Surface - Microsoft Support.
[19] 6GHz band not available in all regions.
[16] Requires license or subscription (sold separately) to activate and use.
[17] Activation required. 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 Free Trial - Try Microsoft 365 for a month - Microsoft Store.
[18] Microsoft 365 Personal or Family subscription required.
[19] Activation required for Xbox Game Pass Ultimate. Xbox Game Pass ultimate 30 day trial accessible through Xbox.com/Play. You can use it to play games on Xbox One and Xbox Series Consoles, and stream select games where available through Xbox.com/Play and other supported devices. Not currently available in China.
[24]Bold keyset option available only in US English in select markets.
[25] Enclosure includes bucket, kickstand, and pen tray. 100% recycled aluminum alloy in bucket. 100% recycled rare earth metals in magnets. Based on validation performed by Underwriter Laboratories, Inc. using Environmental Claim Validation Procedure (ECVP) for Recycled Content, UL ECVP 2809-2, Second Edition, dated June 20, 2024.

[26] Excluding PSU. Contains 4.7% recycled cobalt, consisting of 100% recycled cobalt in the battery cell. Based on validation performed by Underwriters Laboratories, Inc. using Environmental Claim Validation Procedure (ECVP) for Recycled Content, UL ECVP-2809-2, Second Edition, dated June 20, 2024. Recycled Content is defined in accordance with ISO 14021.
[27] Applies to sales packaging. Based on internal analysis using IEEE Std 1680.1-2018. IEEE Standard for Environmental and Social Responsibility Assessment of Computers and Displays. 4.7.3.1 Required—Recycled content in wood-based fiber packaging.
[28] Sources must be Forest Stewardship Council certified.
[29] Replacement components available through online Microsoft Store and iFixIt for out-of-warranty repair. Components can be replaced by individuals with the knowledge and experience to repair electronic devices following Microsoft's Service Guide. Microsoft tools (sold separately) may also be required. Availability of replacement components and service options may vary by product, market and over time. See [Self-repair information for your Surface device - Microsoft Support]. Opening and/or repairing a device can present electric shock, device damage, fire and personal injury risk, and other hazards. Use caution if undertaking self-service repairs. Unless required by law, damage caused during repair is not covered under Microsoft's Limited Hardware Warranty or protection plans
[30] Colors available on selected models only. Available colors, sizes, finishes, and processors may vary by store, market, and configuration.
[31] Microsoft's Limited Warranty is in addition to your consumer law rights.
[32] Sold separately.
[33] Bold keyset option available only in US English in select markets.
[34] Applies to sales packaging. Based on internal analysis using IEEE Std 1680.1-2018. IEEE Standard for Environmental and Social Responsibility Assessment of Computers and Displays. 4.7.3.1 Required—Recycled content in wood-based fiber packaging.
[35] Sources must be Forest Stewardship Council (FSC) certified.
[36] Copilot key feature availability varies by market, see aka.ms/keysupport.
[37] Available colors may vary by market.
[38] Microsoft's Limited Warranty is in addition to your consumer law rights.