



Surface Laptop

13-inch

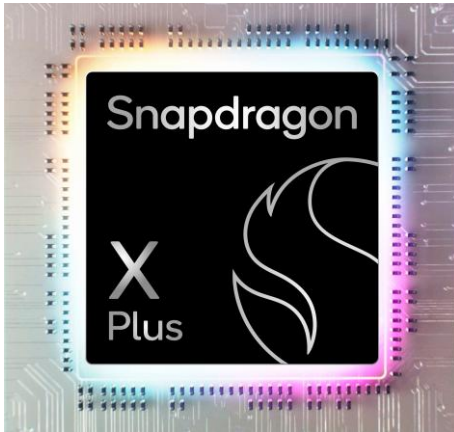
Fact Sheet

May 2025



The lightest, most portable Surface Laptop ever.

The lightest, thinnest Surface Laptop ever—incredibly fast, packed with AI, stunning new colors, a vibrant 13" touchscreen, and up to 23 hours of battery life. It's your portable powerhouse for work and creativity on the go.



Ultralight, packed with performance

Tackle any task with incredible speed powered by Snapdragon® X Plus processors with a 45 TOPS NPU and up to 23 hours of battery life.¹



Your new superpower

Now with a Copilot key for instant access to your AI assistant², and new enhanced AI features like Recall, Click to Do, Improved Windows Search, Live Captions with live translation, and Windows Studio Effects.³



Ultrathin design, crafted for portability

Ultraportable and lightweight, with a vibrant 13" display⁴, and comfortable typing—crafted in three colors: Ocean, Violet and Platinum.⁵ Stay connected wherever you work with an AI-enhanced Studio Camera and rich, clear audio.



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

With 100% recycled cobalt in the battery cell⁶ and nearly all components are designed for replacement by skilled technicians or authorized service providers.⁷



Surface Laptop, Copilot+ PC

13-inch | Snapdragon

Processor

Snapdragon® X Plus (8 Core)

NPU

Qualcomm® Hexagon™ with 45 TOPS

Graphics

Qualcomm® Adreno™ GPU

Memory and storage⁸

Memory options:
16GB LPDDR5x RAM

Storage options:
Removable⁹ 256GB, 512GB (UFS)

Display

Touchscreen: 13" PixelSense™ display⁴
Resolution: 1920 x 1280 (178 PPI)
Aspect ratio: 3:2
Contrast ratio: 1000:1
Refresh rate: up to 60Hz
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 Weight¹⁰

Length: 11.25 inch (285.65 mm)
Width: 8.43 inch (214.14 mm)
Height: 0.61 inch (15.6 mm)
Weight: 2.7 lbs (1.22 kg)

Battery Life

Up to 23 hours of local video playback¹¹
Up to 16 hours of active web usage¹²

Security

Enhanced security with Microsoft Pluton TPM 2.0
Windows 11 Secured-core PC
Windows Hello Fingerprint Power Button with Enhanced Sign-in Security
Microsoft Defender for enhanced identity and privacy protection¹³

Cameras

Full HD front-facing Surface Studio Camera

- 1080p Full HD camera

Support for Windows Studio Effects with automatic framing, portrait blur, creative filters (illustrated, animated, watercolor), eye contact, and portrait light

Audio

Dual Studio Mics with enhanced voice focus¹⁴
Omnisonic® speakers with Dolby Audio™
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 60W charger via USB-C®¹⁵

USB-A 3.1

3.5 mm headphone jack

Network and connectivity

Wi-Fi 7¹⁶

Bluetooth® Core 5.4 technology

Software

Windows 11 Home

Preloaded Microsoft 365 Apps¹⁷

Microsoft 365 Family 30-day trial¹⁸

Microsoft Defender App¹⁹

Preloaded Xbox app

Xbox Game Pass Ultimate 30-day trial (accessible through [Xbox Cloud Gaming](#))²⁰

Accessibility

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

Surface Laptop, 13-inch is designed with sustainability in mind

Recycled materials

100% rare earth metals contained in magnets²¹

100% recycled cobalt contained in battery cell²²

Thoughtful packaging

73% recycled content in wood-based fiber consumer packaging²³

100% of our virgin paper sourced comes from responsibly managed forests²⁴

Energy efficient

ENERGY STAR® certified

Repairability

Clear visual icons and built-in access to repair instructions²⁵

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 ⁵
Sensors	Ambient color sensor
What's in the box	Surface Laptop, 13-inch USB-C® charging cable Surface 45W USB-C Wall Charger 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 Keyboard backlight Copilot key ² Precision touchpad
Warranty ²⁶	1-year limited hardware warranty

¹ 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.

² Key functionality varies. See aka.ms/keysupport

³ 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

⁴ Surface Laptop, 13-inch display has rounded corners within a standard rectangle. When measured as a standard rectangular shape the screen is 13" diagonally (actual viewable area is less).

⁵ Colors available on selected models only. Available colors, sizes, finishes, and processors may vary by store, market, and configuration.

⁶ Device (excluding power supply) contains 3.5% 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.

⁷ Replacement components available through online [Microsoft Store](https://MicrosoftStore.com) and [iFixit](https://ifixit.com) 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

⁸ 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.

⁹ Flash storage Retention is only available on Microsoft Surface devices in which the flash storage is marketed as removable per the Technical Specifications. Flash storage Retention is included in both Extended Hardware Service Plus and Microsoft Complete for Business Plus and is also available as an Optional Add-on when purchasing Microsoft Extended Hardware Service and Microsoft Complete for Business. Devices returned to Microsoft with a missing flash storage are subject to a flash storage replacement fee unless the device is enrolled in the flash storage Retention offer.

¹⁰ Might vary depending on manufacturing processes.

¹¹ Based on local video playback test. Testing conducted by Microsoft in March 2025 using preproduction software and preproduction Surface Laptop, Copilot+ PC, 13-inch, Snapdragon® X Plus (8 Core) 256GB, 16GB RAM 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.

¹² Based on a web browsing test. Testing conducted by Microsoft in March 2025 using preproduction software and preproduction Surface Laptop, Copilot+ PC, 13-inch, Snapdragon® X Plus (8 Core) 256GB, 16GB RAM devices. Testing consisted of full battery discharge while accessing twelve 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.

¹³ Microsoft 365 Personal or Family subscription required.

¹⁴ Voice focus requires activation, requires Windows 11 and is available in apps which use integrated device microphones and use certain Windows audio processing modes.

¹⁵ In select markets, only specific configurations come with Surface 45W USB-C Wall Charger. Fast charging is supported with minimum 60W USB Type-C® PD charger 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](#).

¹⁶ 6GHz band not available in all regions.

¹⁷ Requires license or subscription (sold separately) to activate and use.

¹⁸ 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.

¹⁹ Microsoft 365 Personal or Family subscription required.

²⁰ 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.

²¹ Excluding PSU. Contains 3.1% recycled content, consisting of 90% recycled stainless in bracket, 100% recycled copper in PCB, 100% recycled rare earth metals in magnets and 100% recycled tin in solder. Based on validation performed by Underwriters 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 14021.

²² Excluding PSU. Contains 3.5% recycled cobalt, consisting of 100% recycled cobalt in the battery cell. Based on validation performed by Underwriters 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 14021.

²³ 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.

²⁴Sources must be Forest Stewardship Council certified

²⁵Replacement 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 confirmed

²⁶Microsoft's Limited Warranty is in addition to your consumer law rights.