

# Surface Pro 12-inch

Built for versatility

## Copilot+PC

Advanced on-device AI processing with 45 TOPS from the NPU



Powered by the Snapdragon® X Plus (8 Core) Processor



Surface Pro 12-inch Keyboard<sup>6</sup> features a precision touchpad with adaptive touch mode and full-sized backlit layout with Copilot key<sup>9</sup>

Two USB-C® ports



Always within reach, Surface Slim Pen snaps securely and charges in its own magnetic pen storage<sup>7</sup>

10MP rear-facing camera



1080p Full HD Surface Studio Camera with Windows Hello facial recognition



12-inch<sup>2</sup> anti-reflective PixelSense™ touchscreen with adaptive color and adaptive contrast

Made with recycled content, including 100% recycled aluminum alloy in the enclosure

Fanless, enclosed design operates quietly and helps minimize dust intrusion

### Laptop productivity and Tablet creativity

The 2-in-1 design gives you the best of a laptop and a tablet, all in one device

- Dual Studio Mics with enhanced voice focus<sup>13</sup>
- Adjustable 165-degree kickstand
- Express yourself with touch, voice, or pen on the Surface Pro PixelSense touchscreen display

### Power without pause

Fast performance, all-day battery life, and reliable connectivity

- Runs up to 16 hours<sup>18</sup> and charges from 5% to 80% in less than an hour on USB-C®<sup>20</sup>
- Wi-Fi 7<sup>4</sup> and Bluetooth® Core 5.4 provide fast, stable connectivity
- Over 50% faster than Surface Pro 9<sup>27</sup>

### Built-in AI

New Copilot+ PC experiences to boost your productivity and unleash new creativity<sup>24</sup>

- Retrace your steps with Recall<sup>25</sup>
- Restyle Photos with AI<sup>24</sup>
- Simplify your workflow with Click to Do<sup>26</sup>

<sup>2</sup>The 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). <sup>6</sup>6GHz band not available in all regions. <sup>8</sup>Accessories sold separately. <sup>7</sup>Surface Slim Pen sold separately. Software license required for some features. <sup>9</sup>Copilot key feature availability varies by market, see [aka.ms/keysupport](https://aka.ms/keysupport). <sup>10</sup>Copilot with data protection is available at no additional cost for users with an Entra ID and an enabled, [eligible Microsoft 365 or Office 365 license](https://aka.ms/eligibility). <sup>11</sup>Videoconferencing apps and services sold separately. <sup>12</sup>Voice focus requires activation, requires Windows 11 and is available in apps which use integrated device microphones and use certain Windows audio processing modes. <sup>13</sup>Based on local video playback test. Battery life varies significantly based on device configuration, usage, network and feature configuration, signal strength, settings, and other factors. See [aka.ms/SurfaceBatteryPerformance](https://aka.ms/SurfaceBatteryPerformance) for details. <sup>20</sup>In select markets, only specific configurations come with Surface 45W USB-C Wall Charger. Fast charging is supported with minimum 45W 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](https://aka.ms/USB-C-fast-charging). <sup>23</sup>Replacement components available through Surface Commercial authorized device resellers. Components can be replaced on-site by a skilled technician 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. 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. Unless required by law, device damage caused during repair will not be covered under Microsoft's Hardware Warranty or protection plans. <sup>24</sup>Available now on Copilot+ PCs with Snapdragon® X Series processors and on other devices starting early 2025. Optimized for English text prompts and requires a Microsoft account and internet connection to access cloud services that help ensure the responsible use of AI. See [aka.ms/copilotpluspc](https://aka.ms/copilotpluspc). <sup>25</sup>Available starting early 2025 in most markets; rolling out to the European Economic Area later this year. Optimized for select languages (English, Chinese (Simplified), French, German, Japanese, and Spanish). Content-based and storage limitations apply. Requires Windows Hello Enhanced Sign-in Security. See [aka.ms/copilotpluspc](https://aka.ms/copilotpluspc). <sup>26</sup>Click to Do (preview) Text actions will be available across markets in select character sets. Improved Windows search works with specific text, image, and document formats only; optimized for select languages (English, Chinese (Simplified), French, German, Japanese, and Spanish). Super resolution in Photos is available on Copilot+ PCs with Snapdragon® X Series processors; rolling out to other devices in mid-2025. <sup>27</sup>Based on Microsoft internal testing conducted April 2025 using Geekbench 6 Multi-Core benchmark, comparing Surface Pro, Copilot+ PC, Snapdragon® X Plus (8 Core) processor with Surface Pro 9 with Intel® Core™ i5.

# Surface Pro 12-inch

## PROCESSOR

Snapdragon® X Plus (8 Core) X1P-46-100

## NPU

Qualcomm® Hexagon™ with 45 TOPS

## GRAPHICS

Qualcomm® Adreno™ GPU

## MEMORY AND STORAGE<sup>1</sup>

**Memory options**  
16GB

**Storage options**  
256GB, 512GB (UFS)

## SECURITY

- Enhanced security with Microsoft Pluton TPM 2.0 and BitLocker support
- Windows 11 Secured-core PC
- Windows Hello facial recognition

## PORTS AND CHARGING

- 2 x USB-C®/USB 3.2 ports to support:
  - Charging
  - Data transfer
  - DisplayPort 1.4a with support up to 2 x 4k monitors @ 60 Hz
  - Surface Thunderbolt™ 4 Dock and other accessories
- Supports fast charging with minimum 45W charger via USB-C®<sup>2</sup>
- Surface Pro 12-inch Keyboard connector

## NETWORK AND CONNECTIVITY

- Wi-Fi 7<sup>3</sup>
- Bluetooth® Core 5.4 technology

## BATTERY LIFE

- Up to 16 hours of local video playback<sup>4</sup>
- Up to 12 hours of active web usage<sup>5</sup>

## CAMERAS

- 1080p Full HD front-facing Surface Studio Camera
- Support for Windows Studio Effects and Windows Hello for Business with facial recognition
- 10 MP Ultra HD rear-facing camera

## SOFTWARE

- Windows 11
- Preloaded Microsoft 365 Apps<sup>6</sup>
- Microsoft 365 Apps 30-day trial<sup>7</sup>

## AUDIO

- Dual Studio Mics with enhanced voice focus<sup>8</sup>
- 2W stereo speakers with Dolby Atmos<sup>9</sup>
- Support for Bluetooth® LE Audio

## DISPLAY

- Touchscreen: 12" PixelSense™ LCD display<sup>10</sup>
- 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)
- Anti-reflective

## SERVICEABILITY

Replacement components include:<sup>12</sup>

- Display module
- Battery
- Motherboard (including main processor, memory and storage)
- Thermal module
- USB-C® module
- Microphone module
- IR camera
- Speakers
- Enclosure (bucket)
- Front camera
- Rear camera
- Power and volume buttons
- Kickstand
- Device entry kit

## SIZE AND WEIGHT<sup>13, 14</sup>

- 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)

## WHAT'S IN THE BOX

- Surface Pro 12-inch
- USB-C® charging cable
- Quick Start Guide
- Safety and warranty documents

## ACCESSIBILITY

- Compatible with optional bold keyset on Surface Pro 12-inch Keyboard<sup>15</sup>
- Compatible with Surface Adaptive Kit and Microsoft adaptive accessories
- Includes Windows Accessibility Features: [Learn more](#)
- Discover more: [Microsoft Accessible Devices & Products](#)

## SENSORS

- Ambient color sensor
- Accelerometer
- Gyroscope
- Magnetometer
- NFC

## EXTERIOR

- Casing: Anodized aluminum
- Colors: Platinum, Violet, Ocean
- Physical Buttons: Volume, Power

## WARRANTY<sup>16</sup>

1-year limited hardware warranty

## ACCESSORIES COMPATIBILITY<sup>17</sup>

- Surface Pro 12-inch Keyboard
- Designed for Surface Slim Pen with integrated storage and wireless charging on the back of the device
- Supports haptic feedback with Surface Slim Pen
- Supports Microsoft Pen Protocol (MPP)

## KICKSTAND

165-degree full-friction hinge

<sup>1</sup>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. <sup>2</sup>In select markets, only specific configurations come with Surface 45W USB-C Wall Charger. Fast charging is supported with minimum 45 W USB Type-C® PD charger or higher. Testing conducted by Microsoft in March 2025. For details on fast charging see - [USB-C and fast charging for Surface - Microsoft Support](#). <sup>3</sup>6GHz band not available in all regions. <sup>4</sup>Based on local video playback test. Testing conducted by Microsoft in March 2025 using preproduction software and preproduction Surface Pro 12-inch, Copilot+ PC, 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. <sup>5</sup>Based on a web browsing test. Testing conducted by Microsoft in March 2025 using preproduction software and preproduction Surface Pro 12-inch, Copilot+ PC, 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. <sup>6</sup>Sold separately. Software license required for some features. <sup>7</sup>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. <sup>8</sup>Voice focus requires activation, requires Windows 11 and is available in apps which use integrated device microphones and use certain Windows audio processing modes. <sup>9</sup>Requires Dolby Atmos® encoded content/audio. <sup>10</sup>Surface Pro 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). <sup>12</sup>Replacement components available through Surface authorized device resellers. Components can be replaced on-site by a skilled technician 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. 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. Unless required by law, device damage caused during repair will not be covered under Microsoft's Hardware Warranty or protection plans. <sup>13</sup>Might vary depending on manufacturing processes. <sup>14</sup>Weight not including keyboard. <sup>15</sup>Bold keyset option available only in US English in select markets. <sup>16</sup>Microsoft's Limited Warranty is in addition to your consumer law rights. <sup>17</sup>Pen and keyboard sold separately.

# Surface Pro 12-inch

## SUSTAINABILITY

### Recycled materials

- Enclosure is made with a minimum of 82.9% recycled content, including 100% recycled aluminum alloy and 100% recycled rare earth metals<sup>18</sup>
- Battery cell contains 100% recycled cobalt<sup>19</sup>

Microsoft is committed to be carbon negative, water positive, and achieve zero waste by 2030. [Learn more](#) about how we design with sustainability in mind.

### Energy efficient

ENERGY STAR® certified

### Repairability

Clear visual icons and built-in access to repair instructions<sup>12</sup>

## ENERGY USAGE [JAPAN]

Surface Pro 12-inch, 構成: 12区分 11.35kWh/年(AAA)

## RADIO FREQUENCY [FRANCE]<sup>20</sup>

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 0,202 W/kg pour le tronc et de 0,202 W/kg pour les membres



# Surface Pro 12-inch Keyboard

## COMPATIBILITY

Surface Pro 12-inch<sup>21</sup>

## 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)

## KEYBOARD LAYOUT

- Activation: Moving (mechanical) keys
- Layout: English, full row of function keys (F1 - F12)
- Dedicated keys for Copilot,<sup>22</sup> microphone mute, snipping, Windows shortcuts, media controls, screen brightness and lock key
- Optional bold keyset<sup>15</sup>
- Precision touchpad
- Backlight

## WHAT'S IN THE BOX

- Surface Pro 12-inch Keyboard
- Quick Start Guide

## ACCESSIBILITY

- Precision touchpad with adaptive touch mode
- Optional bold keyset<sup>15</sup>

## SENSORS

Accelerometer

## INTERFACE

Magnetic attach

## HINGE

Dynamic hinge made of Alcantara® fabric that flexes 360 degrees

## EXTERIOR

- Material: Smooth-matte palm rest, Alcantara® back cover
- Colors: Slate

## WARRANTY

1-year limited hardware warranty<sup>16</sup>

<sup>12</sup>Replacement components available through Surface authorized device resellers. Components can be replaced on-site by a skilled technician 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. 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. Unless required by law, device damage caused during repair will not be covered under Microsoft's Hardware Warranty or protection plans. <sup>13</sup>Bold keyset option available only in US English in select markets. <sup>16</sup>Microsoft's Limited Warranty is in addition to your consumer law rights. <sup>18</sup>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. <sup>19</sup>Excluding PSU. 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 (ECVP) for Recycled Content, UL ECVP 2809-2, Second Edition, dated June 20, 2024. Recycled Content is defined in accordance with ISO 14201. <sup>20</sup>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. <sup>21</sup>Sold separately. <sup>22</sup>Copilot key feature availability varies by market, see [aka.ms/keysupport](#).