

# Surface Pro 11<sup>th</sup> Edition | ARM

Pioneering versatility matched by intelligent power

Unlock high performance in a form factor that redefines what a laptop can do. The brilliant display with touch and inking, combined with an adjustable kickstand make work comfortable in more places. Choose from Wi-Fi+5G or Wi-Fi only.



Snapdragon<sup>®</sup> X Elite and Plus processors deliver speed and efficiency with CPUs and industry-defining NPU driving up to 45 TOPS for seamless on-device AI

Simplify security with NFC<sup>1</sup> and Windows Hello authentication



Two USB-C<sup>®</sup>/USB 4<sup>®</sup> ports enable fast data transfer and support up to three 4K monitors at 60Hz with compatible docks.<sup>7</sup> Ensure fast, resilient connectivity with Wi-Fi 7.<sup>9</sup>

The haptic Surface Slim Pen<sup>15</sup> charges on the Surface Pro Flex Keyboard<sup>15</sup> for convenient access to natural drawing and writing anywhere in Windows 11. Use Cocreator<sup>8</sup> to turn quick sketches into finished images using AI.



On-device AI empowers collaboration with real-time translation of 40+ languages to English with Live Captions<sup>10</sup>

Microsoft Pluton technology enables future security features to be deployed via Windows Update



Ultrawide field-of-view camera with unique AI Windows Studio Effects

Optional 13" OLED display provides crisp visuals in varied conditions with HDR technology,<sup>14</sup> adaptive color, and outstanding contrast and brightness

Up to 14 hours of battery life for Wi-Fi only models and built-in power-saving features.<sup>5</sup> Supports fast charging with minimum of 65W power supply via Surface Connect or USB-C<sup>®</sup>.<sup>37</sup>

Made with a minimum of 72% recycled content in the enclosure<sup>23</sup>

## Exceptional performance, all day long

Meet challenges confidently with a blazing-fast CPU and breakthrough NPU integrated into a highly efficient design for all-day productivity.

## Smart, secured, efficient

Safeguard your business with chip-to-cloud security on a Secured-core PC. With Microsoft, you control your data. Simplified, innovative repairability can bring a device back online quickly and delivers extended use.<sup>17</sup>



<sup>1</sup>NFC is available on Wi-Fi only configurations of Surface Pro. <sup>2</sup>Copilot with commercial data protection is available at no additional cost for users with an Entra ID with an enabled, [eligible Microsoft 365 license](#). <sup>3</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](#) for details. <sup>4</sup>Feature availability varies by market, see [aka.ms/WindowsAIFeatures](#). When Copilot for Windows is not available or enabled on the device, pressing the Copilot key will launch Windows Search. <sup>5</sup>Supporting 3 external displays requires either 2 displays connected to a compatible dock or connected through daisy chain. <sup>6</sup>Requires a Microsoft account. <sup>7</sup>6GHz band not available in all regions. <sup>8</sup>Currently supports translation for video and audio subtitles into English from 40+ languages. See [aka.ms/copilotpluspc](#). <sup>9</sup>HDR requires HDR content and enabling HDR in device settings. <sup>10</sup>Sold separately. Software license required for some features. <sup>11</sup>Requires Windows 11 for detached use. <sup>12</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. See [Surface service options - Surface | Microsoft Learn](#). 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>Enclosure includes Bucket and Kickstand. Based on validation performed by Underwriter Laboratories, Inc. using Environmental Claim Validation Procedure, UL 2809-2, Second Edition, November 7, 2023. <sup>14</sup>In select markets, only specific configurations come with 39W Surface power supply. Fast charging is supported with minimum 65W Surface power supply or USB Type-C PD charger rated at 60W or higher, sold separately. Testing conducted by Microsoft in March 2024. For details on Fast Charging see - [USB-C and Fast Charging for Surface - Microsoft Support](#).

# Surface Pro 11<sup>th</sup> Edition | ARM

## PROCESSOR

Snapdragon® X Plus (10 Core)  
Snapdragon® X Elite (12 Core)

## NPU

Qualcomm® Hexagon™ with 45 TOPS

## GRAPHICS

Qualcomm® Adreno™ GPU

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

### Memory options:

16GB, 32GB<sup>2</sup> LPDDR5x RAM

### Storage options:

Removable<sup>3</sup> solid-state drive (Gen 4 SSD): 256GB, 512GB, 1TB<sup>2</sup>

## SECURITY

Enterprise grade security with TPM 2.0 chip and BitLocker support  
Windows 11 Secured-core PC  
Microsoft Pluton security processor  
Windows Hello face authentication with Enhanced Sign-in Security

## PORTS AND CHARGING

2 X USB-C®/USB 4® ports with support for:

- Charging
- Data transfer
- DisplayPort 1.4a
- Surface Thunderbolt™ 4 Dock and other accessories

Supports fast charging with minimum 65W power supply via Surface Connect or USB-C®<sup>4</sup>

Surface Pro Keyboard port  
Surface Connect port  
NanoSIM<sup>5</sup>

## BATTERY LIFE

### Wi-Fi only models

Up to 14 hours of local video playback<sup>6</sup>  
Up to 10 hours of active web usage<sup>7</sup>

### Wi-Fi+5G models

Up to 9 hours of active web usage<sup>19</sup>

## CAMERAS

Quad HD front-facing Surface Studio Camera

- 1440p Quad HD camera with ultrawide field of view
- 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

## SIZE AND WEIGHT<sup>8,9</sup>

Length: 11.3 inch (287 mm)  
Width: 8.2 inch (209 mm)  
Height: 0.37 inch (9.3 mm)  
Weight: 1.97 lbs (895 g)

## SOFTWARE

Windows 11 Pro  
Preloaded Microsoft 365 Apps<sup>10</sup>  
Microsoft 365 Business Standard, Microsoft 365 Business Premium, or Microsoft 365 Apps 30-day trial<sup>11</sup>

## AUDIO

Dual Studio Mics with voice focus<sup>12</sup>  
2 W stereo speakers with Dolby® Atmos<sup>®13</sup>  
Support for Bluetooth® LE Audio

## DISPLAY

**Surface Pro with OLED display**  
Touchscreen: 13" PixelSense™  
Flow display<sup>14</sup>  
Resolution: 2880 x 1920 (267 PPI)  
Aspect ratio: 3:2  
Contrast ratio: 1M:1  
Dynamic refresh rate: up to 120Hz  
Color profile: sRGB and Vivid  
Individually color-calibrated display  
Adaptive color

## Adaptive contrast

Auto color management supported  
Touch: 10-point multi-touch  
Dolby Vision IQ™<sup>15</sup>  
Corning® Gorilla® Glass 5  
Brightness:  
• SDR: 600 nits maximum (typical)  
• HDR:<sup>16</sup> 900 nits peak luminance

## Surface Pro with LCD display

Touchscreen: 13" PixelSense™  
Flow display<sup>14</sup>  
Resolution: 2880 x 1920 (267 PPI)  
Aspect ratio: 3:2  
Contrast ratio: 1200:1  
Dynamic refresh rate: up to 120Hz  
Color profile: sRGB and Vivid  
Individually color-calibrated display  
Adaptive color  
Adaptive contrast  
Auto color management supported  
Touch: 10-point multi-touch  
Dolby Vision IQ™<sup>15</sup>  
Corning® Gorilla® Glass 5  
Brightness:  
• SDR: 600 nits maximum (typical)  
• HDR:<sup>16</sup> 600 nits peak luminance

## SERVICEABILITY

Replaceable components include:<sup>17</sup>

- Display module
- Removable solid-state drive
- Battery
- Motherboard (including main processor and main memory)
- Surface Connect
- Thermal module
- Microphone module
- Solid-state drive door
- Speakers
- Enclosure (bucket)
- Front camera
- Rear camera
- Power and volume buttons
- Kickstand
- Device entry kit
- SIM card connector<sup>18</sup>

## WHAT'S IN THE BOX

- Surface Pro
- Quick Start Guide
- Safety and warranty documents
- 39W Surface power supply (In select markets, available only with specific configurations)
- SIM card access tool<sup>18</sup>

<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](https://www.microsoft.com/Storage) more details. <sup>2</sup>32GB memory and 1T storage option available for Surface Pro Wi-Fi only models. <sup>3</sup>Solid State Drive (SSD) Retention is only available on Microsoft Surface devices in which the SSD is marketed as removable per the Technical Specifications. Solid State Drive (SSD) 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 Solid State Drive (SSD) are subject to a Solid State Drive (SSD) replacement fee unless the device is enrolled in the Drive (SSD) Retention offer. <sup>4</sup>In select markets, only specific configurations come with 39 W Surface power supply. Fast Charging (from 5% to 80%) is supported with minimum 65W Surface power supply or USB Type-C PD charger rated at 60W or higher, sold separately. Testing was conducted at Microsoft in March 2024, using pre-production devices, software, and minimum of 60W USB-C® charger under controlled conditions. The device was powered on to the desktop screen with default display brightness settings. Actual charge time will vary based on operating conditions. Measured at typical office ambient temperature of 23C. <sup>5</sup>Surface Pro with Wi-Fi+5G models only. <sup>6</sup>Wi-Fi only models: Based on local video playback test. Testing conducted by Microsoft in April 2024 using preproduction software and preproduction Surface Pro Snapdragon® X Plus C10 256GB and 512GB, 16GB RAM (LCD), Wi-Fi only devices and Surface Pro Snapdragon® X Elite C12 1TB 32GB RAM (OLED), Wi-Fi only 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>7</sup>Weight not including Type Cover. <sup>8</sup>Requires license or subscription (sold separately) to activate and use. <sup>9</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. See [aka.ms/m365businesstrialinfo](https://aka.ms/m365businesstrialinfo). <sup>10</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>11</sup>Requires Dolby® Atmos® encoded content/audio. <sup>12</sup>Surface Pro 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). <sup>13</sup>Requires Dolby Vision® encoded content and video. <sup>14</sup>HDR requires HDR content and enabling HDR in device settings. <sup>15</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. See Surface service options - Surface | Microsoft Learn. 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>16</sup>Surface Pro with Wi-Fi+5G models only. <sup>17</sup>Based on a web browsing test. Battery life varies significantly based on usage, network and feature configuration, signal strength, settings and other factors. See [aka.ms/SurfaceBatteryPerformance](https://aka.ms/SurfaceBatteryPerformance) for details. <sup>18</sup>Replacement components available through Surface Commercial authorized device resellers.

# Surface Pro 11<sup>th</sup> Edition | ARM

## ACCESSIBILITY

Compatible with the optional bold keyset version of Surface Pro Flex Keyboard and Surface Pro Keyboard<sup>19</sup>  
 Compatible with Surface precision haptic touchpad built into Surface Pro Flex Keyboard<sup>20</sup>  
 Compatible with Surface Adaptive Kit and Microsoft Adaptive Accessories  
 Supports Microsoft Accessibility Features – [Accessible Technology, Products & Innovation | Microsoft Accessibility](#)  
 Discover more Microsoft Accessible Devices & Products – [Accessible Devices & Products for PC & Gaming | Assistive Tech Accessories - Microsoft Store](#)

## SENSORS

Accelerometer  
 Gyroscope  
 Magnetometer  
 Ambient Color Sensor  
 NFC<sup>21</sup>

## EXTERIOR

- Casing: Anodized aluminum
- Colors:<sup>22</sup> Platinum, Black
- Physical Buttons: Volume, Power

## SUSTAINABILITY

Surface Pro is designed with sustainability in mind – see more on the [Surface Pro Eco Profile](#)

### Recycled materials

Enclosure is made with a minimum of 72% recycled content, including 100% recycled aluminum alloy and 100% recycled rare earth metals<sup>23</sup>

### Thoughtful packaging

78% recycled content in wood-based fiber packaging<sup>24</sup>  
 Paper-based, minimizing plastic use  
 100% of our virgin paper sourced is FSC certified to be responsibly forested

### Energy efficient

ENERGY STAR<sup>®</sup> certified  
 Registered EPEAT<sup>®</sup> Gold<sup>25</sup>

### Repairability

Clear visual icons and built-in access to repair instructions<sup>17</sup>

### Surface Trade-in

We make trade-in convenient and secure for our commercial customers in the USA at [Microsoft Trade In Program](#)

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: [Sustainable Products & Solutions | Microsoft CSR](#)  
[Microsoft Surface Sustainability - Microsoft Sustainability](#)

## WARRANTY<sup>26</sup>

1-year limited hardware warranty

## PEN AND KEYBOARD COMPATIBILITY<sup>27</sup>

### Pen compatibility:

Designed for Surface Slim Pen  
 Integrated storage and wireless charging for Surface Slim Pen with Surface Pro Keyboard and Surface Pro Flex Keyboard<sup>28</sup>  
 Supports tactile signals with Surface Slim Pen  
 Supports Microsoft Pen Protocol (MPP)

### Keyboard compatibility:

- Surface Pro Flex Keyboard
- Surface Pro Keyboard with pen storage
- Surface Pro Signature Keyboard
- Surface Pro Keyboard
- Surface Pro X Signature Keyboard
- Surface Pro X Keyboard

## KICKSTAND

Kickstand with 165-degrees full friction hinge

## NETWORK AND CONNECTIVITY

### Wi-Fi only models:

Wi-Fi 7<sup>29</sup>  
 Bluetooth<sup>®</sup> Core 5.4 technology

### Wi-Fi+5G models:

- Wi-Fi 7<sup>29</sup>  
 Bluetooth<sup>®</sup> Core 5.4 technology  
 Location: GNSS L1, GPS, Galileo, BeiDou, QZSS and NAVIC support  
 NanoSIM and eSIM support<sup>30</sup>  
 Supports 5G<sup>31</sup>  
 Cellular
- 5G-NR SA/NSA, Release 15, DL 256 QAM up to 2.9 Gbps, 4x4 MIMO, UL 256 QAM
  - 4G Gigabit LTE – Advanced Pro, Release 15, DL Cat 19 up to 1.6 Gbps, 256QAM, 4x4 MIMO, 5x DL CA, UL Cat 18, 256 QAM, Contiguous 2x ULCA
  - 5G-NR Bands  
 n1, n2, n3, n5, n7, n8, n12, n14, n20, n25, n26, n28, n29, n30, n38, n40, n41, n48, n66, n71, n77, n78, n79
  - LTE Bands  
 1, 2, 3, 4, 5, 7, 8, 12, 13, 14, 19, 20, 25, 26, 28, 29, 30, 38, 39, 40, 41, 42, 48, 66, 71
  - WCDMA Bands  
 1, 2, 4, 5, 8

## ENERGY USAGE (JAPAN)

### Wi-Fi only models:

構成 : 12区分17.48kWh/年(AAA)

### Wi-Fi+5G models:

構成 : 12区分17.48kWh/年(AA)

## RADIO FREQUENCY (FRANCE)<sup>32</sup>

### Wi-Fi only models:

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 0,46 W/kg pour le tronc et de 0,46 W/kg pour les membres.

### Wi-Fi+5G models:

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 1,49 W/kg pour le tronc et de 1,49 W/kg pour les membres.

<sup>17</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. See Surface service options - Surface | Microsoft Learn. 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>19</sup>Surface Pro Flex Keyboard and Surface Pro Keyboard with optional bold keyset available only in US English. <sup>20</sup>Requires Windows 11. <sup>21</sup>Available for Surface Pro Wi-Fi only models. <sup>22</sup>Colors available on selected models only. Available colors, sizes, finishes, and processors may vary by store, market, and configuration. <sup>23</sup>Enclosure includes Bucket and Kickstand. 100% recycled aluminum alloy in Bucket and Kickstand. 100% recycled rare earth metals in magnets. Based on validation performed by Underwriter Laboratories, Inc. using Environmental Claim Validation Procedure, UL 2809-2, Second Edition, November 7, 2023. <sup>24</sup>For Surface Pro for Business (11th Edition) options with power supply included. For options without a power supply, packaging is UL Validated to contain a minimum of 72% recycled content. Based on Environmental Claim Validation Procedure (ECVP) for Recycled Content, UL ECV 2809-2, Second Edition, dated November 7, 2023. Recycled Content is defined in accordance with ISO 14021. <sup>25</sup>Please refer to the EPEAT registry for current ratings. Ratings can vary by country, may change over time, and products are eventually archived. <sup>26</sup>Microsoft's Limited Warranty is in addition to your consumer law rights. <sup>27</sup>Pen and keyboard sold separately. <sup>28</sup>Applies to Surface Pro Keyboard with pen storage, Surface Pro Flex Keyboard, and Surface Pro Keyboard. <sup>29</sup>6GHz band not available in all regions. <sup>30</sup>eSIM support may vary by carrier. <sup>31</sup>Options with 5G coming Fall 2024. Surface Pro 10 Wi-Fi+5G models only. 5G not available in all areas; compatibility and performance depend on carrier network, plan and other factors. See carrier for details and pricing. <sup>32</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.