

# Surface Pro 9

Fact Sheet  
October 2022



## Meet Surface Pro 9, our most powerful Pro.

Surface Pro 9 gives you the tablet flexibility you want and the laptop performance and battery life<sup>1</sup> you need to move through your day — all in one ultra-portable device. Now with powerful new processors, optional high-speed 5G<sup>2</sup> connectivity, and choice of vibrant colors<sup>3</sup>.

## Top Features and Benefits

- **An immersive, go-anywhere tablet.** Surface Pro 9 with Windows 11 is perfect for streaming and downloading apps through the Microsoft store, now with access to the Amazon apps store, or playing together with Xbox Game Pass Ultimate.<sup>4</sup>
- **A high-performing laptop.** Multitask and run the Microsoft 365 apps you rely on. Surface Pro 9 makes it easy with powerful, Intel® 12th Gen processors built on the Intel® Evo™ platform<sup>5</sup> or blazing-fast Microsoft SQ® 3 powered by Qualcomm Snapdragon.
- **Stay connected anywhere.** Surface Pro 9 with 5G and Microsoft SQ® 3 powered by Qualcomm Snapdragon delivers high-speed 5G,<sup>2</sup> longer battery life,<sup>1</sup> and takes video calls to the next level with Windows Studio, powered by the neural processing unit.<sup>6</sup> Unlock enhanced camera and audio features like Automatic Framing, Eye Contact, Voice Focus, and Portrait Background Blur to upgrade face-to-face calls without slowdowns.
- **Personalize your Pro.** Make Surface Pro 9 your own with a choice of vibrant colors. Mix and match with a Surface Pro Signature Keyboard in new Sapphire and Forest,<sup>7</sup> made with partially biobased Alcantara® material containing at least 12% renewable content<sup>8</sup> that is derived from sugarcane waste.

# Technical Specifications

Operating system	Surface Pro 9: Windows 11 Home Surface Pro 9 with 5G: Windows 11 Home Surface Pro 9 for Business: Windows 10 Pro or Windows 11 Pro Surface Pro 9 with 5G for Business: Windows 11 Pro
Exterior	Surface Pro 9 Dimensions: 11.3" x 8.2" x 0.37" Surface Pro 9 Weight: 1.94 lbs (879g)  Surface Pro 9 with 5G Dimensions: 11.3" x 8.2" x 0.37" Surface Pro 9 with 5G Weight: 1.95lbs (883g) mmWave, or 1.94lbs (878g) Sub6  Mechanical features: anodized aluminum body, kickstand with full-friction multi-position hinge to 165 degrees, magnetic attach for keyboard fold stability  Colors: Platinum, Graphite, Sapphire, Forest (Graphite, Sapphire and Forest only available on Wi-Fi SKUs)
Display	Surface Pro 9 <ul style="list-style-type: none"><li>• Screen: 13" PixelSense™ Flow Display</li><li>• Resolution: 2880 X 1920 (267 PPI)</li><li>• Color profile: sRGB and Vivid</li><li>• Refresh rate up to 120Hz (Dynamic refresh rate supported)</li><li>• Aspect ratio: 3:2</li><li>• Contrast ratio 1200:1</li><li>• Adaptive Color</li><li>• Auto Color Management supported</li><li>• Touch: 10-point multi-touch</li><li>• Dolby Vision IQ™ support<sup>9</sup></li><li>• Gorilla® Glass 5</li></ul> Surface Pro 9 with 5G <ul style="list-style-type: none"><li>• Screen: 13" PixelSense™ Flow Display</li><li>• Resolution: 2880 X 1920 (267 PPI)</li><li>• Color profile: sRGB and Vivid</li><li>• Dynamic refresh rate up to 120Hz</li><li>• Aspect ratio: 3:2</li><li>• Contrast: 1200:1</li><li>• Adaptive Color</li><li>• Touch: 10-point multi-touch</li><li>• Gorilla® Glass 5</li></ul>
CPU	Surface Pro 9: Consumer 12 <sup>th</sup> Gen Intel® Core™ i5-1235U processor 12 <sup>th</sup> Gen Intel® Core™ i7-1255U processor

Options with storage 256 GB and above built on the Intel® Evo™ platform

Commercial

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)

Graphics	Surface Pro 9: Intel® Iris® Xe graphics Surface Pro 9 with 5G: Microsoft SQ® 3 Adreno™ 8CX Gen 3
Memory	Surface Pro 9: 8GB, 16GB, 32GB (LPDDR5 RAM) Surface Pro 9 with 5G: 8GB or 16GB LPDDR4x RAM
Storage	Surface Pro 9: Removable <sup>10</sup> drive (SSD) options: 128GB, 256GB, 512GB, 1TB Surface Pro 9 with 5G: Removable <sup>9</sup> drive (SSD) options: 128GB, 256GB, 512GB
Security	Surface Pro 9: <ul style="list-style-type: none"><li>• TPM 2.0 chip for enterprise-grade security and BitLocker support</li><li>• Enterprise-grade protection with Windows Hello face sign-in</li><li>• Windows 11 Secured-core PC</li></ul> Surface Pro 9 with 5G: <ul style="list-style-type: none"><li>• Enhanced security with Microsoft Pluton</li><li>• Enterprise-grade protection with Windows Hello face sign-in</li><li>• Windows 11 Secured-core PC</li></ul>
Network	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 <sup>11</sup> support Supports 5G <sup>2</sup>  [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

	<p>5G-NR NSA (Sub-6) Bands: n1, n2, n3, n5, n7, n8, n20, n25, n28, n38, n40, n41, n66, n71, n77, n78, n79</p> <p>Gigabit LTE - A Pro Release 15 with 4x4 MIMO and LAA</p> <p>LTE DL Cat 20, 256 QAM up to 2Gbps, 5xDL CA</p> <p>LTE UL Cat 13, 64 QAM Contiguous 2X ULCA</p> <p>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</p> <p>WCDMA: 1,2,5,8</p>
Battery	<p>Surface Pro 9:<sup>12</sup> Up to 15.5 hours of typical device usage</p> <p>Surface Pro 9 with 5G:<sup>13</sup> Up to 19 hours of typical device usage</p>
Cameras	<p>Surface Pro 9:</p> <p>Windows Hello face authentication camera (front-facing)</p> <p>Front-facing camera with 1080p full HD video</p> <p>10.0MP rear-facing autofocus camera with 1080p HD and 4k video</p> <p>Surface Pro 9 with 5G:</p> <p>Windows Hello face authentication camera (front-facing)</p> <p>Front-facing camera with 1080p full HD video &amp; Windows Studio Effects (Portrait Blur, Automatic Framing, Eye Contact)</p> <p>10.0MP rear-facing autofocus camera with 1080p HD and 4k video</p>
Audio	<p>Surface Pro 9:</p> <p>Dual far-field Studio Mics 2W stereo speakers with Dolby® Atmos®<sup>14</sup> and Voice Clarity</p> <p>Surface Pro 9 with 5G:</p> <p>Dual far-field Studio Mics with Voice Clarity &amp; Windows Studio Effects (Voice Focus)</p> <p>2W stereo speakers</p>
Ports	<p>Surface Pro 9:</p> <p>2 x USB-C® with USB 4.0/Thunderbolt™ 4</p> <p>1 x Surface Connect port</p> <p>1 x Surface Keyboard port</p> <p>Surface Pro 9 with 5G:</p> <p>1 x nano SIM</p> <p>2 x USB-C® 3.2</p> <p>1 x Surface Connect port</p> <p>1 x Surface Keyboard port</p>
Sensors	<p>Accelerometer</p> <p>Gyroscope</p> <p>Magnetometer</p> <p>Ambient Color Sensor (Brightness and Color)</p>
Software	<p>Consumer:</p> <p>Windows 11 Home</p> <p>Preloaded Microsoft 365 Apps<sup>15</sup></p> <p>Microsoft 365 Family 30-day trial<sup>16</sup></p>

	<p>Preloaded Xbox app Xbox Game Pass Ultimate 30-day trial<sup>17</sup></p> <p>Commercial: Windows 11 Pro or Windows 10 Pro Preloaded Microsoft 365 Apps<sup>18</sup> Microsoft 365 Business Standard, Microsoft 365 Business Premium, or Microsoft 365 Apps 30-day trial</p>
Power Supply	60W power supply with additional 5W USB A charging Port
In the Box	<p>Surface Pro 9: Surface Pro 9 Power Supply Quick Start Guide Safety and warranty documents</p> <p>Surface Pro 9 with 5G: Surface Pro 9 with 5G Power Supply Quick Start Guide Safety and warranty documents SIM Card access tool</p>
Pen Compatibility	<p>Surface Pro 9: Designed for Surface Slim Pen 2<sup>19</sup> Integrated storage and wireless charging for Surface Slim Pen 2<sup>20i</sup> with Surface Pro Signature Keyboard* Supports tactile signals<sup>21</sup> with Surface Slim Pen 2<sup>22</sup> Supports Microsoft Pen Protocol (MPP)</p> <p>Surface Pro 9 with 5G: Designed for Surface Slim Pen 2<sup>23</sup> Integrated storage and wireless charging for Surface Slim Pen 2<sup>24</sup> with Surface Pro Signature Keyboard Supports tactile signals<sup>25</sup> with Surface Slim Pen 2<sup>26</sup> Supports Microsoft Pen Protocol (MPP)</p>
Keyboard Compatibility	<p>Surface Pro Signature Keyboard Surface Pro Keyboard Surface Pro X Signature Keyboard Surface Pro X Keyboard</p>
Warranty <sup>27</sup>	1-year limited hardware warranty

**SUSTAINABILITY**

# Contact Information

## For more information, press only:

Rapid Response Team, WE Communications, (425) 638-7777, [rrt@we-worldwide.com](mailto:rrt@we-worldwide.com)

## For more product information and images:

Visit the Surface Newsroom at <https://news.microsoft.com/presskits/surface/>.

## For more information about Surface:

Visit Surface at <http://www.microsoft.com/surface>.

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<sup>1</sup> Battery life varies significantly based on usage, network and feature configuration, signal strength, settings and other factors. See <https://aka.ms/SurfaceBatteryPerformance> for details.

<sup>2</sup> 5G not available in all areas; compatibility and performance depends on carrier network, plan and other factors. See carrier for details and pricing.

<sup>3</sup> Available colors may vary by market and configuration.

<sup>4</sup> Subscription required. Sold separately. Xbox Cloud Gaming (beta): Requires Xbox Game Pass Ultimate subscription. Streaming limitations and wait times may apply. Select devices and regions. Game catalog varies over time.

<sup>5</sup> Surface Pro 9 with 12th Gen Intel® Core™ processors and storage of 256GB and above are built on the Intel® Evo™ platform.

<sup>6</sup> At this time, Surface Pro 9 with 5G with Windows 11 Home 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](#).

<sup>7</sup> Available colors for accessories, Surface Pro Signature Keyboard (sold separately), and Surface Pro 9 may vary by market and configuration.

<sup>8</sup> Percent of modern carbon according to ASTM-D6866 – based upon third party analytical test results by Beta Analytic.

<sup>9</sup> Requires Dolby Vision® encoded content and video.

<sup>10</sup> 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.

<sup>11</sup> 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]

<sup>12</sup> 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.

<sup>13</sup> 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.

<sup>14</sup> Requires Dolby Atmos® encoded content and video.

<sup>15</sup> Requires license or subscription (sold separately) to activate and use.

<sup>16</sup> 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.

<sup>17</sup> 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 to Surface Pro 9 through Xbox.com/Play and other supported devices. Not currently available in China.

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<sup>18</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 <https://aka.ms/m365businesstrialinfo>.

<sup>19</sup> Sold separately

<sup>20</sup> 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.

<sup>21</sup> Tactile signals with Surface Slim Pen 2 can be experienced on some applications on Surface B&P running Windows 11.

<sup>22</sup> Surface Slim Pen 2 sold separately.

<sup>23</sup> Sold separately

<sup>24</sup> 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.

<sup>25</sup> Tactile signals with Surface Slim Pen 2 can be experienced on some applications on Surface B&P running Windows.

<sup>26</sup> Surface Slim Pen 2 sold separately.

<sup>27</sup> Microsoft's Limited Warranty is in addition to your consumer law rights.