### 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  $5G^2$  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<sup>®</sup> 12th Gen processors built on the Intel<sup>®</sup> Evo<sup>™</sup> platform<sup>5</sup> or blazing-fast Microsoft SQ<sup>®</sup> 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 With 5G: Windows 11 Home Surface Pro 9 Dimensions: 11.3" x 8.2" x 0.37" Surface Pro 9 Dimensions: 11.3" x 8.2" x 0.37" Surface Pro 9 With 5G Dimensions: 11.3" x 8.2" x 0.37" Surface Pro 9 With 5G Dimensions: 11.3" x 8.2" x 0.37"           Exterior         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)           Exterior         Surface Pro 9 Surface Pro 9           Surface Pro 9         Surface Pro 9           Resolution: 2880 X 1920 (267 PPI)           Color profile: sRGB and Vivid           Resolution: 2880 X 1920 (267 PPI)           Color Contrast ratio 1200:1 Adaptive Color           Adaptive Color           Display           Surface Pro 9 with 5G           Surface Pro 9 with 5G           Color profile: sRGB and Vivid           Resolution: 2880 X 1920 (267 PPI)           Color profile: sRGB and Vivid           Adaptive Color           Color profile: sRGB and Vivid           Surface Pro 9 with 5G           Surface Pro 9 with 5G           Contrast 120:11           Adaptive Color           Color profile: sRGB and Vivid           Display         Surface Pro 9 with 5G           <		
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         Exterior       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)         Surface Pro 9         Surface Pro 9         • Screen: 13" PixelSense™ Flow Display         • Refresh rate up to 120Hz (Dynamic refresh rate supported)         • Adaptive Color         • Auto Color Management supported         • Touch: 10-point multi-touch         • Display         Surface Pro 9 with 5G         • Color profile: sRGB and Vivid         • Aspect ratio: 3:2         • Color profile: sRGB and Vivid         • Refresh rate up to 120Hz (Dynamic refresh rate supported)         • Touch: 10-point multi-touch         • Dolby Vision IQ <sup>™</sup> support <sup>9</sup> • Gorilla <sup>®</sup> Glass 5         Surface Pro 9 with 5G         • Color profile: sRGB and Vivid         • Dolor profile: sRGB and Vivid         • Dolor profile: sRGB and Vivid         • Dolor profile: sRGB and Vivid         • Dynamic refresh rate up to 120Hz	Operating system	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 Weight: 1.95lbs (883g) mmWave, or 1.94lbs (878g) Sub6         Exterior       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)         Surface Pro 9         • Screen: 13" PixelSense <sup>m</sup> Flow Display         • Resolution: 2880 X 1920 (267 PPI)         • Color profile: sRGB and Vivid         • Refresh rate up to 120Hz (Dynamic refresh rate supported)         • Adaptive Color         • Aduto Color Management supported         • Touch: 10-point multi-touch         • Dolby Vision IQ <sup>m</sup> support <sup>9</sup> • Gorilla" Glass 5         Surface Pro 9 with 5G         • Screen: 13" PixelSense <sup>m</sup> Flow Display         • Refresh rate up to 120Hz (Dynamic refresh rate supported)         • Dolby Vision IQ <sup>m</sup> support <sup>9</sup> • Gorilla" Glass 5         Surface Pro 9 with 5G         • Screen: 13" PixelSense <sup>m</sup> Flow Display         • Resolution: 2880 X 1920 (267 PPI)         • Color profile: sRGB and Vivid         • Dynamic refresh rate up to 120Hz         • Aspect ratio: 3:2         • Contrast: 1200:1         • Aspect ratio: 3:2         • Contrast: 1200:1         •		
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<ul> <li>Screen: 13" PixelSense™ Flow Display         <ul> <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> </li> <li>Surface Pro 9 with 5G         <ul> <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>Adaptive Color 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>Contrast: 1200:1</li> <li>Adaptive Color</li> <li>Contrast: 1200:1</li> <li>Optimic 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> </li> </ul>		
CPU Consumer 12 <sup>th</sup> Gen Intel® Core™ i5-1235U processor	Display	<ul> <li>Screen: 13" PixelSense<sup>™</sup> 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<sup>™</sup> support<sup>9</sup></li> <li>Gorilla<sup>®</sup> Glass 5</li> </ul> Surface Pro 9 with 5G <ul> <li>Screen: 13" PixelSense<sup>™</sup> 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>Adaptive Color</li> </ul>
	CPU	Consumer 12 <sup>th</sup> Gen Intel® Core™ i5-1235U processor

	Options with storage 256 GB and above built on the Intel $\ensuremath{^{ extsf{B}}}$ Evo $\ensuremath{^{ extsf{M}}}$ 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	Surace 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	<ul> <li>Surface Pro 9:</li> <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> <li>Surface Pro 9 with 5G: <ul> <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> </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): 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

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

	Preloaded Xbox app Xbox Game Pass Ultimate 30-day trial <sup>17</sup>
	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
Power Supply	60W power supply with additional 5W USB A charging Port
	Surface Pro 9: Surface Pro 9 Power Supply Quick Start Guide Safety and warranty documents
In the Box	Surface Pro 9 with 5G: Surface Pro 9 with 5G Power Supply Quick Start Guide Safety and warranty documents SIM Card access tool
	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)
Pen Compatibility	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)
Keyboard Compatibility	Surface Pro Signature Keyboard Surface Pro Keyboard Surface Pro X Signature Keyboard Surface Pro X Keyboard
Warranty <sup>27</sup>	1-year limited hardware warranty
SUSTAINABILITY	

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## Contact Information

### For more information, press only:

Rapid Response Team, WE Communications, (425) 638-7777, 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.

<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 thirdparty drivers or anti-virus software. Find out more in <u>the FAQ</u>.

<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<sup>®</sup> encoded content and video.

<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<sup>™</sup> 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.

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

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

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

<sup>&</sup>lt;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>&</sup>lt;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>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.

<sup>&</sup>lt;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 <u>https://aka.ms/m365businesstrialinfo</u>.

<sup>&</sup>lt;sup>19</sup> Sold separately

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