

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 life¹ you need to move through your day — all in one ultra-portable device. Now with powerful new processors, optional high-speed 5G² connectivity, and choice of vibrant colors³.

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.⁴
- 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™ platform⁵ 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,² longer battery life,¹ and takes video calls to the next level with Windows Studio, powered by the neural processing unit.⁶ 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,⁷ made with partially biobased Alcantara® material containing at least 12% renewable content⁸ 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">• Screen: 13" PixelSense™ Flow Display• Resolution: 2880 X 1920 (267 PPI)• Color profile: sRGB and Vivid• Refresh rate up to 120Hz (Dynamic refresh rate supported)• Aspect ratio: 3:2• Contrast ratio 1200:1• Adaptive Color• Auto Color Management supported• Touch: 10-point multi-touch• Dolby Vision IQ™ support⁹• Gorilla® Glass 5 Surface Pro 9 with 5G <ul style="list-style-type: none">• Screen: 13" PixelSense™ 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• Adaptive Color• Touch: 10-point multi-touch• Gorilla® Glass 5
CPU	Surface Pro 9: Consumer 12 th Gen Intel® Core™ i5-1235U processor 12 th 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 ¹⁰ drive (SSD) options: 128GB, 256GB, 512GB, 1TB Surface Pro 9 with 5G: Removable ⁹ drive (SSD) options: 128GB, 256GB, 512GB
Security	Surface Pro 9: <ul style="list-style-type: none">• TPM 2.0 chip for enterprise-grade security and BitLocker support• Enterprise-grade protection with Windows Hello face sign-in• Windows 11 Secured-core PC Surface Pro 9 with 5G: <ul style="list-style-type: none">• Enhanced security with Microsoft Pluton• Enterprise-grade protection with Windows Hello face sign-in• Windows 11 Secured-core PC
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 ¹¹ support Supports 5G ² [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 9:¹² Up to 15.5 hours of typical device usage</p> <p>Surface Pro 9 with 5G:¹³ 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 & 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®¹⁴ and Voice Clarity</p> <p>Surface Pro 9 with 5G:</p> <p>Dual far-field Studio Mics with Voice Clarity & 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 Apps¹⁵</p> <p>Microsoft 365 Family 30-day trial¹⁶</p>

	<p>Preloaded Xbox app Xbox Game Pass Ultimate 30-day trial¹⁷</p> <p>Commercial: Windows 11 Pro or Windows 10 Pro Preloaded Microsoft 365 Apps¹⁸ 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 2¹⁹ Integrated storage and wireless charging for Surface Slim Pen 2²⁰ⁱ with Surface Pro Signature Keyboard* Supports tactile signals²¹ with Surface Slim Pen 2²² Supports Microsoft Pen Protocol (MPP)</p> <p>Surface Pro 9 with 5G: Designed for Surface Slim Pen 2²³ Integrated storage and wireless charging for Surface Slim Pen 2²⁴ with Surface Pro Signature Keyboard Supports tactile signals²⁵ with Surface Slim Pen 2²⁶ 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 ²⁷	1-year limited hardware warranty

SUSTAINABILITY

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Contact Information

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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>.

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

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

³ Available colors may vary by market and configuration.

⁴ 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.

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

⁶ 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](#).

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

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

⁹ Requires Dolby Vision® encoded content and video.

¹⁰ 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.

¹¹ 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]

¹² 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.

¹³ 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.

¹⁴ Requires Dolby Atmos® encoded content and video.

¹⁵ Requires license or subscription (sold separately) to activate and use.

¹⁶ 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.

¹⁷ 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.

¹⁸ **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>.

¹⁹ Sold separately

²⁰ 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.

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

²² Surface Slim Pen 2 sold separately.

²³ Sold separately

²⁴ 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.

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

²⁶ Surface Slim Pen 2 sold separately.

²⁷ **Microsoft's Limited Warranty** is in addition to your consumer law rights.