

# Microsoft Surface Pro 9

## The most powerful Pro

The go everywhere, work anywhere, wherever the day takes your team, 2-in-1 that performs like a laptop: Microsoft Surface Pro 9. The Windows 11 Secured-core PC and virtually edge-to-edge 13" PixelSense™ touch display with true-to-life color come together in a light, low-profile form to give your team the power they need for any path.

### BENEFITS

Get pro-level performance and unlock workstation-class power with optional 12th Gen Intel® Core™ processors built on the Intel® Evo™ platform and Thunderbolt™ 4.

For employees on the go-go-go who need instant access, quick multitasking, and longer battery life, choose the latest generation Microsoft SQ® 3 processor.

Security has never been more important; it's also never been easier with Surface Pro 9 and Microsoft SQ® 3. Pluton architecture secures sensitive data directly in the CPU, making it more difficult for attackers to access.



Surface Slim Pen 2 is always ready with wireless charging built into Surface Pro 9 Signature Keyboard



Select SKUs built on the Intel® Evo™ Platform



Adjust to the perfect angle with the built-in kickstand

Thunderbolt 4 port



USB-C port

Lightweight and ultra-thin portability at 1.98lbs



# Microsoft Surface Pro 9

## SIZE AND WEIGHT

Surface Pro 9  
 Length: 11.3 inch (287 mm)  
 Width: 8.2 inch (209 mm)  
 Height: 0.37 inch (9.3 mm)  
 Weight<sup>5</sup>: 1.94lb (879 g)

Surface Pro 9 with 5G  
 Length: 11.3 inch (287 mm)  
 Width: 8.2 inch (209 mm)  
 Height: 0.37 inch (9.3 mm)  
 Weight<sup>6</sup>: 1.95lb (883 g) (mmWave)  
 or 1.94lb (878 g) (Sub6)

## MEMORY AND STORAGE

Surface Pro 9  
 Memory: 8GB, 16GB, 32GB (LPDDR5 RAM)  
 Storage: Removable<sup>2</sup> drive (SSD) options: 128GB, 256GB, 512GB, 1TB

Surface Pro 9 with 5G  
 Memory: 8GB or 16GB LPDDR4x RAM  
 Storage: Removable<sup>3</sup> drive (SSD) options: 128GB, 256GB, 512GB

## WHAT'S IN THE BOX

Surface Pro 9  
 Power Supply  
 Quick Start Guide  
 Safety and warranty documents

Surface Pro 9 with 5G  
 Power Supply  
 Quick Start Guide  
 Safety and warranty documents  
 SIM Card access tool

## RADIO FREQUENCY (FRANCE ONLY)

Surface Pro 9  
 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 0,911 W/kg pour le tronc et de 1,674 W/kg pour les membres

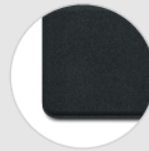
Surface Pro 9 with 5G  
 Le débit d'absorption spécifique (DAS) local quantifie l'exposition de l'utilisateur aux ondes électromagnétiques de l'équipement concerné. Le DAS maximal autorisé est de 1.48 W/kg pour le tronc et de 1.48 W/kg pour les membres



Choice of vibrant colors. Mix and match with a Surface Pro Signature Keyboard\* in new Sapphire and Forest,<sup>35</sup> made with partially biobased Alcantara® material containing at least 12% renewable content<sup>35</sup> that is derived from sugarcane waste



Platinum



Graphite



Sapphire



Forest

An everyday, everywhere laptop when paired with Surface Pro Keyboard

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## NETWORK AND CONNECTIVITY

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>10</sup> support  
Supports 5G<sup>11</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  
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

## DISPLAY

Surface Pro 9  
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™ support<sup>4</sup>  
Gorilla® Glass 5  
Brightness: 450 nits maximum  
(typical), 2 nits minimum

Surface Pro 9 with 5G  
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  
Brightness: 450 nits maximum  
(typical), 5 nits minimum

## EXTERIOR

Surface Pro 9  
Casing: Aluminum  
Colors<sup>35</sup>: Platinum, Graphite,  
Sapphire, Forest  
Physical Buttons: Volume, Power

Surface Pro 9 with 5G  
Casing: Aluminum  
Colors: Platinum  
Physical Buttons: Volume, Power

## BATTERY CAPACITIES

Surface Pro 9  
Battery Capacity Nominal  
(WH) 47.7 Wh  
Battery Capacity Min  
(WH) 46.5 Wh

Surface Pro 9 with 5G  
Battery Capacity Nominal  
(WH) 47.7Wh  
Battery Capacity Min  
(WH) 46.5Wh

# Microsoft Surface Pro 9

## SERVICEABILITY<sup>34</sup>

Replaceable components include

- Display
- Battery
- Surface Connect Port
- Thermal Module (Surface Pro 9 with 5G only)
- Thermal Module with Fan (Surface Pro 9 only)
- Cameras
- Speakers
- Buttons
- Camera Deck (Surface Pro 9 with 5G only)
- Wi-Fi Deck (Surface Pro 9 only)
- Back Cover
- Removable SSD
- Removable SSD Door
- Kickstand
- Motherboard

## PEN AND ACCESSORIES COMPATIBILITY

Surface Pro 9  
Designed for Surface Slim Pen 2<sup>12</sup>  
Integrated storage and wireless charging for Surface Slim Pen 2<sup>13</sup> with Surface Pro  
Signature Keyboard\*  
Supports tactile signals<sup>14</sup> with Surface Slim Pen 2<sup>15</sup>  
Supports Microsoft Pen Protocol (MPP)

Surface Pro 9 with 5G  
Designed for Surface Slim Pen 2<sup>16</sup>  
Integrated storage and wireless charging for Surface Slim Pen 2<sup>17</sup> with Surface Pro  
Signature Keyboard  
Supports tactile signals<sup>18</sup> with Surface Slim Pen 2<sup>19</sup>  
Supports Microsoft Pen Protocol (MPP)

Keyboard Compatibility  
Surface Pro Signature Keyboard  
Surface Pro Keyboard  
Surface Pro X Signature Keyboard  
Surface Pro X Keyboard

## SUSTAINABILITY<sup>31</sup>

Surface Pro 9  
Meets ENERGY STAR® requirements  
Registered EPEAT® Gold in the US and Canada<sup>32</sup>  
[Sustainable Products & Solutions | Microsoft CSR](#)

Surface Pro 9 with 5G:  
Meets ENERGY STAR® requirements  
Registered EPEAT® Gold in the US and Canada<sup>33</sup>  
[Sustainable Products & Solutions | Microsoft CSR](#)

## 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  
10.0 MP rear-facing autofocus camera with 1080p HD and 4k video

## BATTERY LIFE

Surface Pro 9<sup>7</sup>  
Up to 15.5 hours of typical device usage

Surface Pro 9 with 5G<sup>8</sup>  
Up to 19 hours of typical device usage

## GRAPHICS

Surface Pro 9  
Intel® Iris® Xe graphics

Surface Pro 9 with 5G  
Microsoft SQ® 3 Adreno™ 8CX Gen 3

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## SOFTWARE

Surface Pro 9  
Windows 11 Pro or  
Windows 10 Pro  
Preloaded Microsoft 365 Apps<sup>23</sup>  
Microsoft 365 Business Standard,  
Microsoft 365 Business Premium,  
or Microsoft 365 Apps 30-day trial

Surface Pro 9 with 5G  
Windows 11 Pro on ARM<sup>28</sup>  
Preloaded Microsoft 365 Apps<sup>29</sup>  
Microsoft 365 Business Standard,  
Microsoft 365 Business Premium,  
or Microsoft 365 Apps 30-day trial<sup>30</sup>

## SENSORS

Accelerometer  
Gyroscope  
Magnetometer  
Ambient Color Sensor  
(Brightness and Color)

## ACCESSIBILITY

Compatible with Surface  
Adaptive Kit  
Compatible with Surface Delray  
Include Windows Accessibility  
Feature – Learn More  
[Accessibility Features | Microsoft Accessibility](#)  
Discover more Microsoft  
Accessible Devices & Products -  
[Accessible Devices & Products for PC & Gaming | Assistive Tech Accessories - Microsoft Store](#)

## PROCESSOR

Surface Pro 9  
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)

## WARRANTY<sup>36</sup>

1-year limited hardware warranty

## SECURITY

Surface Pro 9  
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  
Enhanced security with  
Microsoft Pluton  
Enterprise-grade protection with  
Windows Hello face sign-in  
Windows 11 Secured-core PC

## AUDIO

Surface Pro 9  
Dual far-field Studio Mics  
2W stereo speakers with  
Dolby® Atmos®<sup>9</sup>

Surface Pro 9 with 5G  
Dual far-field Studio Mics  
2W stereo speakers

## ENERGY USAGE (JAPAN ONLY)

Surface Pro 9  
エネルギー消費効率  
Surface Pro 9 構成：12区分  
16.4kWh/年(AAA)  
(2022年度省エネ達成率)

Surface Pro 9 with 5G  
エネルギー消費効率  
Surface Pro 9 構成：12区分  
10.8kWh/年(AAA)  
(2022年度省エネ達成率)

## PORTS

Surface Pro 9  
2 x USB-C® with USB  
4.0/Thunderbolt™ 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

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## Disclaimers

1 System software uses significant storage space. Available storage is subject to change based on system software updates and apps usage. 1 GB = 1 billion bytes. 1 TB = 1,000 GB.

See [Surface.com/Storage](https://www.microsoft.com/surface/storage) for more details.

2 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.

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4 Requires Dolby Vision® encoded content and video.

5 Weight not including Surface Pro Signature Keyboard and Surface Slim Pen 2 (sold separately).

6 Weight not including Surface Pro Signature Keyboard and Surface Slim Pen 2 (sold separately).

7 Surface Pro 9: 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.

8 Surface Pro 9 with 5G Wi-Fi: 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.

9 Requires Dolby Atmos® encoded content and video.

10 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]

11 5G not available in all areas, mmWave in US only. Supports Sub-6 GHz, not available in all areas; compatibility and performance depend on carrier network, plan and other factors. See carrier for details and pricing.

12 Sold separately

13 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.

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

15 Surface Slim Pen 2 sold separately.

16 Sold separately

17 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.

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

19 Surface Slim Pen 2 sold separately.

23 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>.

28 Surface Pierce comes with Windows 11 Pro on ARM. At this time, Surface Pierce with Windows 11 Pro on ARM will not install some games and CAD software, and some third-party drivers or anti-virus software. Certain features require specific hardware (see [aka.ms/windows11-spec](https://aka.ms/windows11-spec)). Find out more in the FAQ.

29 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>.

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31 Download the full Eco profile see – link to be provided post GA

32 For more information on registration in other markets check – link to be provided post GA

33 For more information on registration in other markets check – link to be provided post GA

34 Customer Replaceable Units (CRUs) are components available for purchase through your Surface Commercial Authorized Device Reseller. Components can be replaced on-site by a skilled technician following Microsoft's Service Guide. 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. Device damage caused during repair will not be covered under Microsoft's Hardware Warranty or protection plans. Components will be available shortly after initial launch; timing of availability varies by component and market.

35 Colors available on selected models only. Available colors, sizes, finishes, and processors may vary by store, market, and configuration.

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

37 [France only] 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.