



Surface Pro 6 Technical Specification



Dimensions

- 11.5" x 7.9" x 0.33"
(292 mm x 201 mm x 8.5 mm)

Storage⁵

- Solid-state drive (SSD)
options: 128GB, 256GB, 512GB or 1TB

Display

- Screen: 12.3" PixelSense™ Display
- Resolution: 2736 x 1824 (267 PPI)
- Aspect ratio: 3:2
- Touch: 10 point multi-touch

Battery life

- Up to 13.5 hours of local video playback¹

Memory

- 8GB or 16GB RAM

Graphics

- Intel® UHD Graphics 620 (i5)
- Intel® UHD Graphics 620 (i7)

Processor

- Intel® Core™ 8th Gen i5 or i7

Connections

- 1 x full-size USB 3.0
- 3.5 mm headphone jack
- Mini DisplayPort
- 1 x Surface Connect port
- Surface Type Cover port⁶
- MicroSDXC card reader
- Compatible with Surface Dial^{*}

Software

- Windows 10 Home
- Microsoft Office 365 30-day trial

Camera, video and audio

- Windows Hello face authentication camera (front-facing)
- 5.0MP front-facing camera with 1080p Skype HD video
- 8.0MP rear-facing autofocus camera with 1080p full HD video
- Dual microphones
- 1.6W stereo speakers with Dolby® Audio™ Premium

Wireless

- Wi-Fi: IEEE 802.11 a/b/g/n/ac compatible
- Bluetooth Wireless 4.1 technology

Sensors

- Ambient light sensor
- Accelerometer
- Gyroscope

Security

- TPM 2.0 chip for enterprise security
- Enterprise-grade protection with Windows Hello face sign-in

Exterior

- Casing: Signature unibody magnesium design with hidden perimeter venting
- Colours: Platinum, Black³
- Physical buttons: Volume, Power

What's in the box

- Surface Pro 6
- Power Supply
- Quick Start Guide
- Safety and warranty documents

Warranty

- One year limited hardware warranty

Weight (not including Type Cover^{*})

- i5: 1.70 lbs (770 g)
- i7: 1.73 lbs (784 g)

* Type Cover, Surface Dial, Microsoft Office, Surface Pen, and some software and accessories sold separately.

[1] Surface Pro 6 battery life: Up to 13.5 hours of battery life for local video playback. Testing conducted by Microsoft in August 2018 using preproduction Intel® Core™ i5, 256GB, 8 GB RAM device. Testing consisted of full battery discharge during video playback. All settings were default except: Wi-Fi was associated with a network and Auto-Brightness disabled. Battery life varies significantly with settings, usage, and other factors.

[2] Cortana is available in select global markets; experience may vary by region and device.

[3] Available colours for Type Cover (sold separately) and Surface Pro 6 may vary by market and configuration.

[4] Requires Office 365 subscription.

[5] 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. See Surface.com/Storage for more details.

[6] Compatible with the Surface Pro Type Cover and Surface Pro Signature Type Cover only.