



Microsoft Surface Laptop Technical Specification



Dimensions

- 12.13" x 8.79" x .57"
(308.1 mm x 223.27 mm x 14.48 mm)
- Battery life Up to 14.5 hours of video playback⁴

Display

- Screen: 13.5" PixelSense™ Display
- Resolution: 2256 x 1504 (201 PPI)
- Aspect ratio: 3:2
- 3.4 million pixels
- Surface Pen* enabled
- Touch: 10 point multi-touch
- Corning® Gorilla® Glass 3

Graphics

- Intel® HD 620 (i5)
- Intel® Iris™ Plus Graphics 640 (i7)

Memory

- 4GB, 8GB or 16GB RAM

Connections

- USB 3.0
- Headset jack
- Mini DisplayPort
- Surface Connect
- Compatible with Surface Dial off-screen interaction*

Processor

- 7th Generation Intel® Core™ i5 or i7

Warranty

- 1-year limited hardware warranty

Storage³

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

Camera, video and audio

- Windows Hello face sign-in camera
- 720p HD camera (front-facing)
- Stereo microphones
- Omnisonic speakers with Dolby® Audio™ Premium
- 3.5mm headphone jack

Security

- TPM chip
- Enterprise-grade protection with Windows Hello face sign-in

Wireless

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

Software

- Windows 10 in S mode²

Exterior

- Casing: Aluminium
- Colours: Burgundy, Platinum, Cobalt Blue, Graphite Gold¹
- Physical buttons: Volume, Power

Sensors

- Ambient light sensor

What's in the box

- Surface Laptop
- Power Supply
- Quick Start Guide
- Safety and warranty documents

Weight

- i5: 2.76 lbs (1,252 g)
- i7: 2.83 lbs (1,283 g)

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

[1] Windows 10 in S mode works exclusively with apps from the Microsoft Store within Windows and accessories that are compatible with Windows 10 in S mode. A one-way switch out of S mode is available. Learn more at [Windows.com/SmodeFAQ](https://www.microsoft.com/smode/faq).

[2] Up to 9 hours of battery life for local video playback. Testing conducted by Microsoft in June 2018 using preproduction Intel Pentium Gold 4415Y Processor, 128GB, 8 GB RAM device. Testing consisted of full battery discharge during video playback. All settings were default except: WiFi was associated with a network and Auto-Brightness disabled. Battery life varies significantly with settings, usage and other factors.

[3] 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](https://www.microsoft.com/surface/storage) for more details. A credit card is required for pre-order, but your card will not be charged until your order is shipped or the product is made available for download. However, an authorisation hold or small temporary charge may be placed on your credit or debit card as a result of your pre-order. Note that we cannot charge your card and complete your order if your card expires between the date you pre-ordered the item and the date the item becomes available. Please ensure that your billing and contact information is current at all times. Pre-orders are covered by our Pre-Order Policy and can be reviewed, updated or cancelled at any time before pre-order items are released.