

# Technical specifications



<b>Dimensions</b>	Surface Laptop 4 13.5": 12.1" x 8.8" x 0.57" (308 mm x 223 mm x 14.5mm) Surface Laptop 4 15": 13.4" x 9.6" x 0.58" (339.5 mm x 244 mm x 14.7mm)	<b>What's in the box</b>	Surface Laptop 4 Power supply Quick Start Guide Safety and warranty documents
<b>Display</b>	Surface Laptop 4 13.5": Screen: 13.5" PixelSense™ Display Resolution: 2256 x 1504 (201 PPI) Aspect ratio: 3:2 Surface Pen* enabled Touch: 10-point multi-touch  Surface Laptop 4 15": Screen: 15" PixelSense™ Display Resolution: 2496 x 1664 (201 PPI) Aspect ratio: 3:2 Surface Pen* enabled Touch: 10-point multi-touch	<b>Weight</b>	Surface Laptop 4 13.5" in Platinum and Ice Blue Alcantara®: 2.79 lb. (1,265 g) Surface Laptop 4 13.5" in Matte Black and Sandstone metal: 2.84 lb. (1,288 g) Surface Laptop 4 15" in Platinum and Matte Black metal: 3.40 lb. (1,542 g)
<b>Memory</b>	8GB, 16GB, or 32GB LPDDR4x RAM**	<b>Storage<sup>7</sup></b>	Removable solid-state drive (SSD) <sup>2</sup> options: 256GB, 512GB, or 1TB**
<b>Processor</b>	Surface Laptop 4 13.5" Quad Core 11th Gen Intel® Core™ i5-1145G7 processor Quad Core 11th Gen Intel Core™ i7-1185G7 processor AMD Ryzen™ 5 4680U Mobile Processor with Radeon™ Graphics Microsoft Surface® Edition (6 cores) AMD Ryzen™ 7 4980U Mobile Processor with Radeon™ Graphics Microsoft Surface® Edition (8 cores)  Surface Laptop 4 15" Quad Core 11th Gen Intel® Core™ i7-1185G7 processor AMD Ryzen™ 7 4980U Mobile Processor with Radeon™ RX Graphics Microsoft Surface® Edition (8 cores)	<b>Battery life<sup>8</sup></b>	Up to 19 hours on Surface Laptop 4 13.5" AMD Ryzen™ 5 Microsoft Surface® Edition Up to 17.5 hours on Surface Laptop 4 15" AMD Ryzen™ 7 Microsoft Surface® Edition Up to 17 hours on Surface Laptop 4 13.5" Intel® Core™ i5 Up to 16.5 hours on Surface Laptop 4 15" Intel® Core™ i7
<b>Security</b>	Hardware TPM 2.0 chip for enterprise security and BitLocker support Enterprise-grade protection with Windows Hello face sign-in Surface Laptop 4 powered by AMD Ryzen™ Microsoft Surface Edition processors: Secured-Core PC Surface Laptop 4 powered by 11th Gen Intel® Core™ processors: Windows enhanced hardware security	<b>Graphics</b>	Surface Laptop 4 powered by Quad Core 11th Gen Intel® Core™: Intel® Iris® X <sup>e</sup> Graphics Surface Laptop 4 powered by AMD Ryzen™ Microsoft Surface Edition: AMD Radeon™ Graphics
<b>Software</b>	Windows 10 Pro Preloaded Microsoft 365 Apps <sup>5</sup> Microsoft 365 Business Standard, Microsoft 365 Business Premium, or Microsoft 365 Apps 30-day trial <sup>6</sup>	<b>Connections</b>	1 x USB-C® 1 x USB-A 3.5 mm headphone jack 1 x Surface Connect port
<b>Sensors</b>	Ambient light sensor	<b>Cameras, video, and audio</b>	Windows Hello face authentication camera (front-facing) 720p HD f2.0 camera (front-facing) Dual far-field Studio Mics Omnisonic Speakers with Dolby Atmos® <sup>9</sup>
<b>Keyboard layout</b>	Activation: Moving (mechanical) keys Layout: QWERTY, full row of function keys (F1-F12) Windows key and dedicated buttons for media controls, screen brightness Backlight	<b>Wireless</b>	Wi-Fi 6: 802.11ax compatible Bluetooth® Wireless 5.0 technology
		<b>Exterior</b>	Casing: Aluminum Power and volume buttons on keyboard Surface Laptop 4 13.5" colors: <sup>1</sup> Platinum with Alcantara® material palm rest Ice Blue with Alcantara® material palm rest Matte Black with metal palm rest Sandstone with metal palm rest Surface Laptop 4 15" colors: <sup>1</sup> Platinum with metal palm rest Matte Black with metal palm rest
		<b>Warranty<sup>10</sup></b>	1-year limited hardware warranty

\*Sold separately

\*\*AMD Ryzen™ Microsoft Surface® Edition processor only available in select configurations.

<sup>1</sup> Colors available on selected models only. Available colors, sizes, finishes, and processors may vary by store, market, and configuration.

<sup>2</sup> Hard drive is not user removable. Hard drive is only removable by skilled technician following Microsoft provided instructions

<sup>3</sup> Surface Go and Surface Go 2 use a third-party UEFI and do not support DFCL. DFCL is currently available for Surface Laptop 4, Surface Pro 7+, Surface Laptop Go, Surface Book 3, Surface Laptop 3, Surface Pro 7, and Surface Pro X. [Find out more](#) about managing Surface UEFI settings.

<sup>4</sup> Advanced Exchange Service is available at no additional charge with the following Surface for Business products: Surface Laptop 4, Surface Pro 7+, Surface Laptop Go, Surface Book 3, Surface Go 2, Surface Laptop 3, Surface Pro 7, Surface Pro X, Surface Pro 6, and Surface Laptop 2. Advanced Exchange is only available in supported markets. Restrictions apply. See Surface for Business warranty page for AES terms and conditions and list of supported markets.

<sup>5</sup> Requires license or subscription to activate and use.

<sup>6</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 <https://aka.ms/m365businesstrialinfo>.

<sup>7</sup> System software and updates use significant storage space. Available storage is subject to change based on system software updates and apps usage. 1GB = 1 billion bytes. 1TB = 1,000GB. See [Surface.com/Storage](https://surface.com/Storage) for more details.

<sup>8</sup> Surface Laptop 4 battery life: Up to 19 hours on Surface Laptop 4 13.5" AMD Ryzen™ 5 Microsoft Surface Edition; up to 17.5 hours on Surface Laptop 4 15" AMD Ryzen™ 7 Microsoft Surface Edition; up to 17 hours on Surface Laptop 4 13.5" Intel® Core™ i5; up to 16.5 hours on Surface Laptop 4 15" Intel® Core™ i7. Battery life based on typical Surface device usage. Testing conducted by Microsoft in February 2021 using preproduction software and preproduction devices. 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 8 popular websites over multiple open tabs, (2) a productivity test utilizing Microsoft Word, PowerPoint, Excel 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 150nits with Auto-Brightness disabled. Wi-Fi was connected to a network. Battery life varies significantly with settings, usage and other factors.

<sup>9</sup> Requires Dolby Atmos® encoded content and audio.

<sup>10</sup> Microsoft's Limited Warranty is in addition to your consumer law rights.