

# Surface Laptop 3

Fact Sheet  
October 2019



Introducing Surface Laptop 3, the perfect everyday laptop now available in two sizes — 13.5-inch and 15-inch. Sleek and lightweight, Surface Laptop 3 is twice as fast as previous generations with a choice of two elegant keyboard finishes, new color option and a vibrant PixelSense™ Display to bring your ideas to life. Surface Laptop 3 is ready when you are with greater multitasking performance, Fast Charging and all-day battery life<sup>1</sup> with standby. Surface Laptop 3 15-inch brings a larger display to the Surface Laptop family with an elegant, all-metal design and strong graphics performance powered by a custom AMD processor.

## Top Features and Benefits

- **Style and design.** Complement your style with rich tone-on-tone color combinations in new Sandstone, plus Matte Black, Cobalt Blue and Platinum. Now available in two durable keyboard styles — rich, warm Alcantara® material or a cool, new metal. There's a Surface Laptop 3 to match everyone's style.
- **All-day comfort.** With industry-leading typing comfort and all-day battery life, Surface Laptop 3 will get you through your day and with Fast Charging — charge your device to 80% in about one hour<sup>2</sup>. Whether you're blogging, browsing, creating a presentation or just catching up, enjoy easier navigation on the new, 20% larger trackpad.

- **Made for modern work.** Surface Laptop 3 features Instant On, USB-C™ and USB-A ports and dual far-field Studio Mics for great Microsoft Teams calls and dictation in Office. And with Surface Laptop 3, you can have more control over your sensitive information with a removable hard drive for data retention<sup>3</sup>.
- **Performance.** Experience more power than ever with faster multitasking and improved graphics. Surface Laptop 3 15-inch features custom AMD processors to help with industry-leading integrated graphics performance, while Surface Laptop 3 13.5-inch features the latest 10<sup>th</sup> Generation Intel® Core™ Processor for improved speed and performance.

## Technical Specifications

	Surface Laptop 3 13.5-inch	Surface Laptop 3 15-inch
Operating system	Windows 10 Home (Consumer) Windows 10 Pro (Commercial) Microsoft Office 30-day trial	
Exterior	Dimensions: 13.5": 12.1" x 8.8" x .57" (308 mm x 223 mm x 14.51 mm)  Weight: Matte Black and Sandstone: 2.89 lbs (1,310 kg)  Weight: Platinum and Cobalt Blue: 2.76 lbs (1,250 kg)  Mechanical features: Aluminum body Colors: Platinum, Cobalt Blue (Alcantara version only) Matte Black, Sandstone (metal version only)	Dimensions: 15": 13.4" x 9.6" x .57" (339.5 mm x 244 mm x 14.69 mm)  Weight: Platinum and Matte Black 3.4 lbs (1,540 kg)  Mechanical features: Aluminum body Colors: Matte Black, Platinum
Display	Screen: 13.5" PixelSense™ Touchscreen Resolution: 2256 x 1504 (201 PPI) Aspect Ratio: 3:2  Touch: 10-point multitouch Surface Pen-enabled	Screen: 15" PixelSense™ Touchscreen Resolution: 2496 x 1664 (201 PPI) Aspect Ratio: 3:2  Touch: 10-point multitouch Surface Pen-enabled
CPU	Quad-core 10th Generation Intel® Core™ i5-1035G7 10th Generation Intel® Core™ i7- 1065G7	<u>Consumer SKUs:</u> AMD Ryzen™ 5 3580U Mobile Processor with Radeon™ Vega 9 Graphics Microsoft Surface Edition AMD Ryzen™ 7 3780U Mobile Processor with Radeon™ RX Vega 11 Graphics Microsoft Surface Edition  <u>Commercial SKUs:</u>

		10th Generation Intel® Core™ i5-1035G7 10th Generation Intel® Core™ i7-1065G7
Keyboard and trackpad	Precision trackpad: 115 mm x 76.66 mm, glass Five-finger multitouch gesture Full-size backlit keyboard with soft touch feel and full 1.3mm travel	Precision trackpad: 115 mm x 76.66 mm, glass Five-finger multitouch gesture Full-size backlit keyboard and full 1.3mm travel
Graphics	Intel® Iris™ Plus Graphics	Intel® Iris™ Plus Graphics AMD: Radeon™ Vega 9,11 Graphics
Memory	8GB/16GB LPDDR4X, 3733MHz	Intel: 8GB/16GB LPDDR4X, 3733MHz AMD: 8GB/16GB/32GB DDR4, 2400MHz
Storage <sup>4</sup>	Solid state drive (SSD) 128GB/256GB/512GB/1TB Removable M.2 NVME SSD <sup>3</sup>	Solid state drive (SSD) 128GB/256GB/512GB Removable M.2 NVME SSD <sup>3</sup>
Security	Commercial: TPM 2.0 chip for enterprise security Enterprise-grade protection with Windows Hello face sign-in  Consumer: Firmware TPM	
Network	Wireless Wi-Fi: 802.11ax Bluetooth® 5.0 technology	Intel: Wireless Wi-Fi: 802.11ax AMD: Wireless Wi-Fi: Wi-Fi 802.11ac 2x2 MIMO Bluetooth® 5.0 technology
Battery	Up to 11.5 hours of battery life <sup>1</sup>  Charge your Surface Laptop 3 to 80% in about one hour <sup>2</sup>  Surface Laptop 3 supports Fast Charging	Up to 11.5 hours of battery life <sup>1</sup>  Charge your Surface Laptop 3 to 80% in under one hour <sup>2</sup>  Surface Laptop 3 supports Fast Charging
Cameras	720p f2.0 HD front-facing camera Windows Hello sign-in camera	
Audio	Omnisonic Speakers with Dolby® Audio™ Premium Dual far-field Studio Mics	
Ports	1 x USB-C™ 1 x USB-A	

	3.5mm headphone jack 1 x Surface Connect port Compatible with Surface Dial off-screen interaction
Sensors	Ambient light sensor
Power supply	60+5W
In the box	Surface Laptop 3 13.5" or Surface Laptop 3 15" Power supply Quick Start Guide Safety and warranty documents
Surface Pen <sup>5</sup>	4,096 levels of pressure Tilt sensing Best-in-class latency 0.1mm precision
Warranty	One-year limited hardware warranty 30-day return policy 90 days of free technical phone support 12 months in-store support and technical assistance  Surface for Business customers: Includes Advanced Exchange, an expedited replacement service, at no additional cost <sup>6</sup> .

## Contact Information

**For more information, press only:**

Rapid Response Team, WE Communications, (425) 638-7777, [rrt@we-worldwide.com](mailto:rrt@we-worldwide.com)

**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>.

<sup>1</sup> Up to 11.5 hours of battery life based on typical Surface device usage. Testing conducted by Microsoft in September 2019 using preproduction software and preproduction 13.5" Intel® Core™ i5, 256GB, 8 GB RAM and 15" AMD Ryzen™ 5 3580U Mobile Processor with Radeon™ Vega 9 Graphics Microsoft Surface® Edition devices. Battery life varies significantly with settings, usage and other factors. See [surface.com](http://surface.com).

<sup>2</sup> Testing conducted at Microsoft in September 2019 using pre-production devices and Software. Tested with the inbox SurfLink 60W PSU under controlled conditions. Device was powered on to desktop screen with default display brightness settings. Actual charge time will vary based on operating conditions. Measured at typical office ambient temperature of 23C.

<sup>3</sup> Hard drive is not user removable. Hard drive is only removable a by skilled technician following Microsoft instructions.

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<sup>4</sup> System software and updates use significant storage space. Available storage is subject to change based on system software updates and app usage. 1 GB = 1 billion bytes. 1 TB = 1000GB. See [Surface.com/Storage](https://Surface.com/Storage) for more details.

<sup>5</sup> Sold separately.

<sup>6</sup> Advanced Exchange Service is available at no additional charge with the following Surface for Business products: Surface Pro 7, Surface Pro X, Surface Laptop 3, 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.

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