

# 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	<p>Dimensions: 13.5": 12.1" x 8.8" x .57" (308 mm x 223 mm x 14.51 mm)</p> <p>Weight: Matte Black and Sandstone: 2.89 lbs (1,310 kg)</p> <p>Weight: Platinum and Cobalt Blue: 2.76 lbs (1,250 kg)</p> <p>Mechanical features: Aluminum body Colors: Platinum, Cobalt Blue (Alcantara version only) Matte Black, Sandstone (metal version only)</p>	<p>Dimensions: 15": 13.4" x 9.6" x .57" (339.5 mm x 244 mm x 14.69 mm)</p> <p>Weight: Platinum and Matte Black 3.4 lbs (1,540 kg)</p> <p>Mechanical features: Aluminum body Colors: Matte Black, Platinum</p>
Display	<p>Screen: 13.5" PixelSense™ Touchscreen Resolution: 2256 x 1504 (201 PPI) Aspect Ratio: 3:2</p> <p>Touch: 10-point multitouch Surface Pen-enabled</p>	<p>Screen: 15" PixelSense™ Touchscreen Resolution: 2496 x 1664 (201 PPI) Aspect Ratio: 3:2</p> <p>Touch: 10-point multitouch Surface Pen-enabled</p>
CPU	<p>Quad-core 10th Generation Intel® Core™ i5-1035G7 10th Generation Intel® Core™ i7-1065G7</p>	<p><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</p> <p><u>Commercial SKUs:</u></p>

		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.

---

<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.

# ThunderIT for the REMC SAVE Contract

ThunderIT offers products and services for REMC SAVE contract customers at a discounted price in accordance to the REMC price list.

## Overview for the REMC SAVE contract

REMC SAVE provides large volume contracts for a variety of educational resources, including furniture, school and office supplies, software and digital services, and technology.

The program saves time and money by providing bids compliant with the Michigan Revised School Code that also provides local school districts with the authority to purchase using REMC contracts. The legislation that established REMCs (Michigan Compiled Laws Act 451 Section 380.671), and State Board of Education Rules, enables REMCs to bid on behalf of local school districts and also provide local school districts with the authority to purchase using REMC contracts. All items and vendors are awarded through a sealed bid process by the REMC SAVE Bid Project and approved by the REMC Association.

REMC SAVE is provided as a project of the REMC Association of Michigan for all Michigan schools. REMC SAVE provides large-volume contracts for a variety of educational resources. By using REMC SAVE contracts, Michigan schools have saved more than \$1 billion since 1990. Every dollar saved through REMC SAVE today is one more dollar to invest in instruction tomorrow.

**ThunderIT services the following REMC districts;** REMC 1, REMC 2N, REMC 2C, REMC 2S, REMC 3, REMC 4, REMC 5, REMC 6, REMC 7, REMC 8, REMC 9, REMC 10, REMC 11, REMC 12W, REMC 12E, REMC 13, REMC 14W, REMC 14E, REMC 15, REMC 16, REMC 17, REMC 18S, REMC 18N, REMC 19W, REMC 19E, REMC 20, REMC 21, REMC 22

**ThunderIT services the following REMC customers;** AKIVA HEBREW DAY SCHOOL, BIRNEY MIDDLE SCHOOL, BUSSEY CTR-EARLY CHILDHOOD DEV, DEVRY UNIVERSITY - SOUTHFIELD – CENTRAL, HAMILTON ACADEMY CENTRAL OFFICE, LEONHARD ELEMENTARY SCHOOL, MCINTYRE ELEMENTARY SCHOOL, OAKLAND INTERNATIONAL ACADEMY

Other REMC contract holders include: Inacomp Technical Services Group, Sentinel Technologies, Software Services Group, Insight Direct USA, Information Systems Intelligence, Netech, Secant Technologies, CDW Logistics Inc (CDWG)

## **ThunderIT offers a variety of Solutions & Services to meet your every need**

### **Digital Workplace**

Transform your digital workplace and empower employees to drive your business forward. We deliver flexible, tailored, end-to-end solutions to keep your workforce engaged and productive. With an innovative approach centered around exceptional user experiences.

### **Smart Spaces**

We provide smart workspace solutions to help you deliver consistent network performance and give guests, employees and students an uninterrupted experience.

### **Secure Network Solutions**

Our security solutions help protect your network and critical data from cybersecurity threats

### **Safe Environments**

We believe that employee, student, and customer safety is paramount in any environment. That's why our solutions provide a cloud based platform to help you intuitively manage and monitor physical locations to ensure a safe experience for everyone.

### **Next Generation WiFi**

Power new and improved user experiences with our managed wifi solutions, offering faster speeds for enhanced application experience and more capacity for high density indoor and outdoor environments.

### **Remote Work Solutions**

With our remote work solutions, working away from the office is no big deal. Give employees a secure, optimized connection to your entire network from anywhere.

### **Hybrid Workforce**

We provide a seamless hybrid workforce solution that embraces change and operational scale. Give your employees and customers unrivaled experiences with a cloud platform that unifies best-in-class technologies.

## **Free Network Evaluation & Demo**

ThunderIT offers a FREE Network Evaluation and/or product Demo to help ensure you are well informed and confident when choosing the right Cisco Meraki solution for your needs. During our call we'll architect a custom built Cisco Meraki solution for your business or environment.

## **Migration & Deployment**

ThunderIT offers Migration and Deployment Services for your Cisco Meraki solution. Our experienced team of IT Professionals can configure, deploy and support your products to meet your needs. Our custom solutions ensure maximum efficiency and provide a clear path for your business going forward.

## **Managed Security**

ThunderIT offers the best and most cost-effective solution to lower your risk in a heightened threat environment. Our team of certified Cisco engineers are ready to ensure that your network is secure, and your firewall is optimally configured to defend your business.

## **Mobile device management (MDM) Services**

Our Mobile Device Management (MDM) solution unifies management of thousands of endpoint devices in a secure cloud platform, driving your organization's mobility initiatives, while maintaining an environment of agility and security.

## **Support & Monitoring**

ThunderIT offers network support and monitoring services that are designed to fit the needs of every customer.



## FAQs for the REMC SAVE Contract

**Q: Does REMC SAVE meet the legal requirement for competitive bidding?** A: The legislation that established REMCs (Michigan Compiled Laws Act 451 Section 380.671), and State Board of Education Rules, enables REMCs to bid on behalf of local school districts and also provide local school districts with the authority to purchase using REMC contracts. All items are competitively bid by REMC SAVE and awarded by the REMC Association.

**Q: Who can Use REMC SAVE contracts?** A: The following agencies are eligible to purchase using REMC SAVE contracts: PreK-12 Public, Charter (PSA) and Non-Public Schools, Community Colleges, Universities and Colleges, Public Libraries, Museums, State, County, and Local Government Agencies, Educational Non-profit Organizations and Health Care Facilities. Personal purchases at awarded bid pricing are at the discretion of the vendors.

**Q: What is REMC SAVE?** A: REMC SAVE is a free service of the REMC Association for all Michigan schools. There are 3 staff of REMC SAVE, and they conduct all of the bids and maintain vendor contracts. You can ask your local REMC Center questions. Find your local REMC Center by scrolling down the REMC SAVE home screen to view the map for your region or look up by zip code.

**Q: How do I provide feedback?** A: Your local REMC SAVE contact will always listen to any feedback you wish to provide. If you have feedback about the product, scroll down the home screen at [remcsave.org](http://remcsave.org) and click 'View All Vendors' and you can complete a vendor evaluation form.

**Q: What if my company wishes to become an awarded vendor?** A: Go to [vendorcenter.remcbids.org](http://vendorcenter.remcbids.org) and create an account by clicking Login or Register in the upper right corner. Follow the directions! The only requirement is that you need five Michigan K12 school references. Customers can send their vendor recommendations to their local REMC contact or email [remcsave@remc.org](mailto:remcsave@remc.org)

**Q: How are the vendors and products selected?** A: Products and Vendors are awarded through a competitive bid process. REMC SAVE staff analyzes all bids and make recommendations to the REMC SAVE Advisory Committee for award. Once the REMC SAVE Advisory Committee votes on the award recommendations, they are then voted on by the REMC Association Board of Directors for final award.

**Q: Where do I send my order or contact an awarded vendor?** To contact vendors, navigate to the vendor listing by scrolling down the home screen and click 'view all vendors,' or navigate to <https://www.remcsave.org/vendors>. Click on the vendor name to find their contact information.

**Q: What do I need to include on my purchase order?** Please make sure your purchase order is itemized and includes the REMC item number, the model number/name, the reseller product number (if available), the quantity of each item to be purchased, and the unit price. A quote may be attached, but the purchase order should still be itemized. Sometimes the item numbers for the warranties, accessories, and upgrades are located on the spec sheet, linked from the awarded item page – be sure to include on the Purchase Order.