

Surface Pro 5

Fact Sheet

May 2017



Meet the new Surface Pro, the most versatile laptop we've ever built. We took everything our customers love and made it better. Completely redesigned from the inside out with all-new custom parts, the new Surface Pro delivers more battery power, more performance and a superior display.

The new Surface Pro's battery life is now up to 13.5 hours,¹ and it has a stunning 12.3" PixelSense™ Display. Not only is it faster and more powerful, the new Surface Pro is the quietest Surface we've ever made with its fanless² design. The new Surface Pro keeps up while you work, study, create and relax all day. And with the Surface Pro Signature Type Cover³ and the new Surface Pen,³ it allows people to type like they are on a laptop and draw like they do on paper. All this, and the new Surface Pro weighs less than the bag it will be carried in.

Top Features and Benefits

- **Exceptional performance.** The new Surface Pro was mechanically re-engineered, built for all-day performance and runs the most demanding programs, with 7th Generation Intel® Core™ m3, Core™ i5 and Core™ i7 processors. Plus, the new Surface Pro in Core m3 and Core i5 SKUs is fanless, and innovations in thermal management mean the Core i7 is quieter than ever. It's 2.5x faster than Surface Pro 3, and with the updated Surface Pro Signature Type Cover wrapped with luxurious Alcantara® material — in rich tone-on-tone colors including Platinum, Burgundy and Cobalt Blue⁴ — you get a faster and more comfortable typing experience. The laptop-class scissor mechanism provides you with consistent and stable 1.3mm key travel for faster, more comfortable and more accurate typing than on the MacBook and iPad Pro.⁵ The full-size glass trackpad has 500dpi subpixel resolution and five-finger multiple touch support.
- **Versatility.** The new Surface Pro is the most versatile laptop. With 50 percent more battery life than the previous version, the Surface Pro Signature Type Cover, new Surface Pen, Surface Dial,³ LTE coming later this year and the ability to function as a tablet, the new Surface Pro offers unprecedented potential for creativity and productivity. Its hinge now deepens to a full 165 degrees, so you can put it into full Studio Mode for an immersive experience, and it is the first laptop to feature on-screen Surface Dial functionality for creativity on the go. Plus, the new Surface Pen now has 4,096 points of pressure sensitivity with tilt⁶ and virtually imperceptible latency, making it the fastest, most fluid and accurate digital inking experience we have ever created when used with the new Surface Pro.⁷ And when used with the new Surface Pro it is twice as responsive as the Apple Pencil.⁸

- **The best of Microsoft hardware and software.** The new Surface Pro ships with Windows 10 Creators Update and is fully compatible with the programs you need to be productive. Optimized for Windows Hello, Skype⁹ and Microsoft Office 365³ with new inking features in Word, Excel and PowerPoint coming first to Windows touch-enabled devices and designed to work best with the new Surface Pen on Surface Pro. Now you can work, connect and create even more in the most widely used productivity suite.
- **Beautiful design.** The new Surface Pro has the beautiful design aesthetic for which Surface devices are recognized. It has a full Intel® Core™ U processor and full-size USB port, and is still only 8.5 mm thin and our lightest Surface yet. The new Surface Pro features a color-calibrated, high-resolution 12.3" PixelSense™ Display with 267 PPI and a great 3:2 aspect ratio, updated for fast color profile switching. The updated design has clean lines and rounded edges, giving it a soft and comfortable feel.

Technical Specifications

Operating System	Windows 10 Microsoft Office 30-day trial
Exterior	<p>Dimensions: 11.50" x 7.9" x 0.33" (292 mm x 201 mm x 8.5 mm) 7th Generation Intel® Core™ m3 weight: 1.69 lbs. (768 g) 7th Generation Intel® Core™ i5 weight: 1.70 lbs. (770 g) 7th Generation Intel® Core™ i7 weight: 1.73 lbs. (784 g)</p> <p>Mechanical features: Magnesium body, kickstand with full-friction multi-position hinge to 165 degrees, magnetic attach for keyboard fold stability Color: Platinum Physical buttons: volume, power</p>
Display	<p>Screen: 12.3" PixelSense™ Display Resolution: 2736 x 1824 (267 PPI) Aspect Ratio: 3:2 Touch: 10 point multi-touch</p>
Processor	<p>7th Generation Intel® Core™ m3 7Y30 7th Generation Intel® Core™ i5-7300U 7th Generation Intel® Core™ i7-7660U</p>
Graphics	<p>Intel® HD Graphics 615 (m3) Intel® HD Graphics 620 (i5) Intel® Iris™ Plus Graphics 640 (i7)</p>
Memory	4GB/8GB/16GB RAM 1866Mhz LPDDR3
Storage ¹⁰	Solid state drive (SSD) 128/256/512GB or 1TB PCIe NVMe
Security	<p>TPM 2.0 chip for enterprise security Enterprise-grade protection with Windows Hello face sign-in</p>
Network	Wi-Fi: IEEE 802.11 a/b/g/n/ac compatible, Bluetooth Wireless 4.1 technology
Battery	Up to 13.5 hours of battery life ¹

Cameras, Video and Audio	Windows Hello face sign-in camera (front-facing) 5.0MP front-facing camera with 1080p HD video 8.0MP rear-facing autofocus camera with 1080p HD video Dual microphones Stereo speakers with Dolby® Audio™ Premium
Ports	Full-size USB 3.0 microSDXC card reader Surface Connect™ 3.5mm headphone jack Mini DisplayPort Cover port
Sensors	Ambient light sensor Accelerometer Gyroscope
Power Supply	24W power supply (Intel® Core™ m3) 44W power supply with USB charging port (Intel® Core™ i5 and Core™ i7)
In the Box	Surface Pro Power supply Quick Start Guide Safety and warranty documents
Warranty	One-year limited hardware warranty ¹¹

¹ Up to 13.5 hours for video playback. Testing conducted by Microsoft in April 2017 using preproduction Intel Core i5, 256GB, 8GB 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 Intel Core m3 and i5 SKUs

³ Sold separately

⁴ Colors vary by market

⁵ U.S. study commissioned by Microsoft, 100 participants, April 2017, actual percent at +/- 0.7% (accuracy) and +/- 3.6% (faster, comfort) at 95 percent confidence level.

⁶ Surface Pen tilt functionality is currently available with the new Surface Pro.

⁷ Only OS-based computer digital ink system to directly connect display to pen controller, reducing ink latency.

⁸ Microsoft Test Lab, test of average ink latency, April 2017. iPad Pro 12.9" with iPad Pencil

⁹ Microsoft Skype for Business certified

¹⁰ 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.

¹¹ U.S. only; varies by market

Contact Information

For more information, press only:

Microsoft Media Relations, WE Communications, (425) 638-7777, rrt@we-worldwide.com

For more product information and images:

Visit the Surface Newsroom at <http://www.microsoft.com/en-us/news/presskits/surface>.

For more information about Surface:

Visit Surface at <http://www.microsoft.com/surface>.

LaptopVANG.com