

Surface Studio 2

Fact Sheet



Surface Studio 2 is the ultimate creative studio, with the same premium design you know and love. Its improved performance handles demanding software that enables you to edit stunning photographs, run circles around renders and create rich 3-D images. Unlock immersive, graphics-rich experiences and put yourself at the center of mixed-reality experiences. Use Surface Studio 2 in Desktop Mode or Studio Mode in a modern executive office or easily transform it into a digital drafting table.

Top Features and Benefits

- **Faster and more powerful.** The powerful Intel® i7-7820HQ processors support the most demanding creative work and professional applications. The new Surface Studio 2 has 50 percent faster¹ file handling than its predecessor with full SSD hard drives.
- **Improved graphics.** Surface Studio 2's NVIDIA® GeForce GTX 1060 and 1070 GPU-powered graphics put you at the center of exhilarating mixed-reality experiences and high-powered gaming. With faster gaming performance than the previous Surface Studio and built-in Xbox Wireless support, you can also connect up to ten Xbox One-compatible controllers to play your favorite game titles.
- **Tools for creativity and productivity.** Creation becomes second nature with tools designed to unleash a seamless flow of ideas. Capture each stroke as you intended with Surface Pen and match the speed of your imagination with a twist of Surface Dial². With its magnificent 28" PixelSense™ Display, Surface Studio 2 packs professional, productive power into a sleek and thin 12mm digital canvas with 38 percent higher luminance and 22 percent more contrast³ than its predecessor. Transform your desktop into your studio to work at whichever angle you need to be your most creative.
- **Premium design.** Surface Studio 2's 28" display was calibrated to deliver the most accurate colors possible. Ideas leap off the screen with 13.5 million pixels of true-to-life color and clarity. Professionals will appreciate the individually calibrated sRGB color gamut as they view, edit, and finish photos and videos. At default, Surface Studio runs at 192 DPI, so what you see on the screen is exactly what you get when you print. Surface Studio 2 inspires creativity like you've never imagined.

Technical Specifications

Operating System	Windows 10 Pro (Consumer and Commercial) Microsoft Office 30-day trial
Exterior	Dimensions: Display: 637.35 mm wide x 438.90 mm high x 12 mm at center and 8.6 mm along the edge Base: 250.00 mm x 220.00 mm x 32.20 mm Weight: up to 20.94 kg Color: Silver Physical buttons: power, volume
Display	Screen: 28-inch PixelSense™ Display Resolution: 4,500 x 3,000 (13.5 million pixels at 192 DPI) native 2 x 96 DPI scaling Contrast ratio typical: 1200:1 Brightness: 515 nits Aspect ratio: 3:2 Color: DCI-P3 individually color-calibrated Color profiles: sRGB (standard), DCI-P3 (Cinema), Vivid (P3-D65) Corning® Gorilla® Glass 10nm Oleophobic Coating Touch: 10-point multitouch Inking: designed together with Surface Pen
Surface Pen	4096 levels of pressure Tilt sensing Best-in-class latency Paper feel 0.1mm precision
CPU	7th Generation Intel® Core™ i7-7820HQ 7th Generation Intel® Core™ i7-7820HQ 7th Generation Intel® Core™ i7-7820HQ
Graphics	NVIDIA® GeForce GTX™ 1060 (6GB GDDR5) NVIDIA® GeForce GTX™ 1070 (8GB GDDR5)
Memory	16GB/32GB DDR4
Storage	Solid State Drive (SSD) 1B/2TB BGA PCIe NVMe
Security	TPM chip for enterprise security, biometric security; Interface for Kensington Lock Kit for Surface Studio
Pen	Surface Pen 4,096 levels of tilt-enabled pressure sensitivity Magnetic storage
Network	10/100/1000Mb Ethernet (Gigabit) 802.11ac, Bluetooth Wireless 4.1 technology

Cameras	Windows Hello face sign-in camera, enterprise-class authentication 5.0MP front-facing camera with 1080p video support
Audio	Stereo microphones Stereo 2.1 speakers with Dolby® Audio™ Premium (eight speakers in the display, two in the base)
Ports	Four full-size USB 3.0 One USB-C Full-size SD™ card reader (SDXC compatible) 3.5mm stereo headphones/microphone jack Gigabit Ethernet
Power supply	Internal power supply with AC inlet Grip-release cable (AC power cable)
In the box	Surface Studio 2 Surface Pen Surface Keyboard Surface Mouse AC power cord with grip-release cable Quick start guide Safety and warranty guide Booklet
Surface All Access	Now with Office 365 ⁴ and low-price plans starting at \$24.99 for 24 months. ⁵
Warranty	One-year limited hardware warranty ⁶

Contact Information

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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>.

¹ Benchmarks run on one unit, multiple runs. Between each run, the device is left to cool down. Benchmarks were run on DV Hardware. Benchmark used was Crystal Disk Mark v5.2.1.

² Sold separately.

³ Based on a sample size of 6,500 Studio1 and 350 Studio2.

⁴ 2-year Office 365 subscription is non-cancellable and non-refundable. Device colors and accessories subject to availability.

⁵ DELL PREFERRED ACCOUNT (DPA): Offered to U.S. residents by WebBank, Member FDIC, who determines qualifications for and terms of credit. Taxes, shipping, and other charges are extra and vary. Payments are the greater of either \$20 or the sum of any Monthly Planned Payment Due plus 3% of the New Balance shown on your billing statement (excluding any balance on a Planned Payment Purchase), rounded up to the next dollar. Minimum Interest Charge is \$2.00. Rates range from 19.24% - 29.99% variable APR, as of 08/31/2018, depending on creditworthiness. Dell and the Dell logo are trademarks of Dell Inc. Offer valid for purchases at participating U.S. Microsoft Retail Stores and Microsoft.com.

⁶ U.S. only; varies by market