Surface Studio 2
Fact Sheet
October 2018

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)  
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<th>Microsoft Office 30-day trial</th>
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| 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 365⁴ and low-price plans starting at $24.99 for 24 months.⁵

## Warranty
- One-year limited hardware warranty⁶

### 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:**

**For more information about Surface:**

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

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

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