Surface Pro 7: More from the Pro You Know

More power and greater versatility team up like never before in our classic, ultra-light and versatile 2-in-1 that transforms from laptop, to tablet, to portable studio. Now with USB-C™, new Surface Pro 7 adapts to the ways you work better than ever.

Most Versatile

Work your way with new Surface Harper. From an ultra-light and versatile laptop, to a powerful tablet, to a portable studio, Surface Pro 7 has better connectivity than ever with USB-C™ and USB-A ports for connecting to displays and docks and charging your phone and accessories.

Best of Microsoft

Surface customers save time and money with streamlined deployment, modern device management, and built-in, cloud-powered security. Empower people, data, and systems with connected experiences from Surface and Microsoft 365.

Innovative Design

New Surface Pro 7 is optimized with improvements you asked for, while keeping design consistent so you can leverage your investments in Type Covers and other accessories. Available in Platinum or Matte Black, you also have the option to add stunning new colors to your Type Covers.* assortment.

High Performance

New Surface Pro 7 moves at the speed of your business, running your essential business apps with faster multitasking and improved graphics. Get more power than ever with the latest 10th Gen Intel® Core™ Processor and all-day battery life, and get back to work quickly with Instant On, Fast Charging, and improved standby.

* Sold separately
2 System software and updates use significant storage space. Available storage is subject to change based on system software and updates and apps usage. 1 GB = 1 billion bytes. 1 TB = 1,000 GB. See Surface Storage for more details.
4 Available colors for Type Cover (sold separately) and Surface Pro 7 may vary by market and configuration
# Surface Pro 7 Technical Specifications

<table>
<thead>
<tr>
<th>Dimensions</th>
<th>11.5” x 7.5” x 0.33” (292 mm x 201 mm x 8.5 mm)</th>
</tr>
</thead>
</table>
| Display    | Screen: 12.3” PixelSense™ Display  
            Resolution: 2736 x 1824 (267 PPI) Aspect ratio: 3:2  
            Touch: 10-point multi-touch |
| Memory     | 4GB, 8GB, or 16GB LPDDR4x RAM |
| Processor  | Dual-core 10th Gen Intel® Core™ i3-1005G1 Processor  
            Quad-core 10th Gen Intel® Core™ i5-1035G4 Processor  
            Quad-core 10th Gen Intel® Core™ i7-1065G7 Processor |
| Security   | TPM 2.0 chip for enterprise security  
            Enterprise-grade protection with Windows Hello face sign-in |
| Software   | Windows 10 Pro  
            1 month trial for new Microsoft Office 365 customers |
| Sensors    | Ambient light sensor  
            Accelerometer  
            Gyroscope  
            Magnetometer |
| What’s in the box | Surface Pro 7  
                      Power Supply  
                      Quick Start Guide  
                      Safety and warranty documents |
| Weight (not including type cover) | i3, i5: 1.70 lb (775 g)  
                      i7: 1.74 lb (790 g) |
| Storage    | Solid-state drive (SSD) options: 128GB, 256GB, 512GB, or 1TB |
| Battery life | Up to 10.5 hours of typical device usage |
| Graphics   | Intel® UHD Graphics (i3)  
            Intel® Iris® Plus Graphics (i5, i7) |
| Connections | 1 x USB-C™  
            1 x full-size USB-A  
            3.5 mm headphone jack  
            1 x Surface Connect port  
            Surface Type Cover port†  
            MicroSDXC card reader  
            Compatible with Surface Dial off-screen interaction* |
| Cameras, video, and audio | Windows Hello face authentication camera (front-facing)  
                      5.0MP front-facing camera with 1080p full HD video  
                      8.0MP rear-facing autofocus camera with 1080p full HD video  
                      Dual far-field Studio Mics  
                      1.6W stereo speakers with Dolby® Audio™ Premium |
| Wireless   | Wi-Fi 6: 802.11ax compatible  
            Bluetooth Wireless 5.0 technology |
| Exterior   | Casing: Signature unibody magnesium design with hidden perimeter venting  
            Colors: Platinum, Matte Black5  
            Physical buttons: Volume, Power |
| Warranty   | 1-year limited hardware warranty |

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1 System software and updates use significant storage space. Available storage is subject to change based on system software and updates and apps usage. 1 GB = 1 billion bytes. 1 TB = 1,000 GB. See Surface Storage for more details.
2 Up to 10.5 hours of battery life based on typical Surface device usage. Testing conducted by Microsoft in September 2019 using preproduction software and preproduction Intel® Core™ i5, 256GB, 8 GB RAM device. Testing consisted of full battery discharge with a mixture of active use and modern standby. The active use portion consists of (1) a web browsing test accessing 8 popular websites over multiple open tabs, (2) a productivity test utilizing Microsoft Word, PowerPoint, Excel and Outlook, and (3) a portion of time with the device in use with idle applications. All settings were default except screen brightness was set to 150nits with Auto-Brightness disabled. Wi-Fi was connected to a network. Battery life varies significantly with settings, usage and other factors.
3 For more information on processor, see surface.com/business.
4 Compatible with the Surface Pro Type Cover and Surface Pro Signature Type Cover only (sold separately).
5 Available colors for Type Cover (sold separately) and Surface Pro 7 may vary by market and configuration.
6 Weight not including Type Cover.
Surface Pro with LTE. Get work done wherever with a secured connection

Surface Pro brought you unmatched versatility, enhanced battery life and processing power in a thin, ultra-light device. Now with LTE Advanced, you get fast, secured global connectivity. Get work done wherever you are with 20 LTE bands and a modem that’s 3x faster, all without sacrificing any of the processing gain of Surface Pro.

Secure productivity anywhere, with global LTE connectivity

The security and flexibility to work anywhere
Get work done wherever you are, without worrying about the security of a public connection
Reduce interruptions to your workflow with consistent internet connectivity when you’re on the move
Connect to 4G LTE networks in nearly any country with support of 20 LTE bands

Fast, powerful LTE connectivity that keeps pace with your ideas

The best LTE experience, without compromise
Connect to your ideas quickly with a best-in-class Cat 9 modem
Maintain a fast-paced workflow with up to 450Mbps download speed
Stay productive all day with long-lasting battery life

Built to deliver the best in LTE technology

The Surface design you love, with seamless integration of LTE
Work on a device that’s crafted without compromise for a premium look and feel
Stay connected with seven custom invisible antennas that are implemented without trade-offs to screen size or bezel
Connect on your terms with both removable SIM and embedded SIM (eSIM)

The best of Microsoft

Get more done with the most powerful productivity tools on the planet
Run professional-grade software and apps, including the Office apps you know and love
Simplify management practices and protect company data with the latest Windows 10 features, including enterprise-grade security and Windows Hello
Harness the power of Windows 10, including new 3D creation tools
Surface Pro LTE Technical Specifications

Dimensions/Weight
- 11.50” x 7.99” x 0.33” (292mm x 201mm x 8.50mm)
- m3: 1.69 lbs (768g)
- i5: 1.70 lbs (770g)
- i5 with LTE Advanced: 1.79 lbs (812g)
- i7: 1.73 lbs (784g)

Display
- Screen: 12.3” PixelSense™ Display
  - Resolution: 2736 x 1824 (267 PPI)
  - Aspect Ratio: 3:2
  - 10 point multi-touch
  - Corning® Gorilla® Glass 4

Memory
- 4GB/8GB/16GB RAM 1866Mhz LPDDR3

Processor
- 7th Generation Intel® Core™ m3-7Y30
- 7th Generation Intel® Core™ i5-7300U
- 7th Generation Intel® Core™ i7-7660U

Security
- TPM 2.0 chip for enterprise security
- Enterprise-grade protection with Windows Hello face sign-in

Sensors
- Ambient light sensor
- Accelerometer
- Gyroscope

Wireless
- Wi-Fi: IEEE 802.11 a/b/g/n/ac compatible
- Bluetooth: Wireless 4.1 Technology

Software
- Windows 10 Creators Update
- Microsoft Office 365 30-day trial

External display support
- Up to two 4K UHD (@30Hz) or single 4K UHD (@60Hz)

Storage
- BGA PCIe NVMe Solid State Drive (SSD) options: 128/256/512GB or 1TB

Graphics
- Intel® HD Graphics 615 (m3)
- Intel® HD Graphics 620 (i5)
- Intel® Iris™ Plus Graphics 640 (i7)

Connections and expansions
- Full-size USB 3.1 Gen 1 microSDXC card reader
- Surface Connect™
- 3.5mm Headphone jack
- Mini DisplayPort
- Cover port

Cameras, video, and audio
- Windows Hello face authentication camera (front-facing)
- 5.0MP front-facing camera with 1080p
- Skype HD video
- 8.0MP rear-facing autofocus camera with 1080p Full HD video
- Dual microphones
- 1.6W Stereo speakers with Dolby® Audio™ Premium

Battery life
- Up to 13.5 hours of local video playback (LTE models pending final testing)

Network (LTE Advanced models)
- 4G LTE Cat 9 modem up to 450Mbps
- GPS / GLONASS: Standalone and Assisted GNSS, accuracy up to 3 meters
- Nano SIM Tray and Embedded SIM (eSIM)
- LTE Advanced (Bands 1, 2, 3, 4, 5, 7, 8, 12, 13, 17, 19, 20, 26, 28, 29, 30, 38, 39, 40, 41)

Inputs
- Surface Arc Mouse (sold separately)
- Surface Pen (sold separately)
- Surface Type Cover (sold separately)
- Surface Dial (sold separately)

Warranty
- 1-year limited hardware warranty

In the box
- Surface Pro (Wi-Fi or with LTE Advanced), Power supply, Quick Start Guide, Safety and Warranty documents

Configurations

<table>
<thead>
<tr>
<th>Processor</th>
<th>RAM</th>
<th>Storage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Intel® Core™ m3-7Y30</td>
<td>4GB</td>
<td>128GB²</td>
</tr>
<tr>
<td>Intel® Core™ i5-7300U</td>
<td>4GB</td>
<td>128GB²</td>
</tr>
</tbody>
</table>
| Intel® Core™ i5-7300U| 8GB  | 256GB²    | $1,299
| Intel® Core™ i7-7660U| 8GB  | 256GB²    | $1,599
| Intel® Core™ i7-7660U| 16GB | 512GB²    | $2,199
| Intel® Core™ i7-7660U| 16GB | 1TB²      | $2,699

Surface Pro with LTE Advanced

<table>
<thead>
<tr>
<th>Processor</th>
<th>RAM</th>
<th>Storage</th>
</tr>
</thead>
</table>
| Intel® Core™ i5-7300U| 4GB  | 128GB²    | $1,449
| Intel® Core™ i5-7300U| 8GB  | 256GB²    | $1,499

1. Service availability and performance subject to service provider’s network. Contact your service provider for details, compatibility, pricing, SIM card and activation. See all frequencies at Surface.com.
2. 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.
3. 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.
Surface Go: Portable Power

Make the most of Microsoft 365 with new Surface Go, our lightest and most compact Surface yet. From mobile apps to comprehensive full feature desktop software, Surface Go handles your toughest tasks with a fast Intel® Pentium® Gold Processor 4415Y. Stay connected anywhere with optional LTE connectivity, and get the manageability and security features you trust with Windows 10 Pro.

Most Versatile

Laptop-to-tablet flexibility that goes anywhere
Our lightest Surface yet, new Surface Go starts at just 1.15 lb. so it can go wherever your job takes you. Stay connected anywhere with optional LTE, and pair with new Surface Go Signature Type Cover* for a full laptop experience. For a full desktop workstation, connect to Surface Dock* to view your work on up to two external monitors. At only 10”, new Surface Go slips in and out of your bag, ready to go, any time.

High Performance

Power full feature desktop software
Fly through full feature desktop software with a powerful Intel® Pentium® Gold Processor and up to 8GB RAM and 256GB storage, and up to 9 hours of battery life. Optimized for productivity, the consistent 3:2 aspect ratio is ideal whether you need a tablet to read or a laptop to type. Plus, get all the connections you need with USB-C™, Surface Connect for fast charging and docking, and MicroSD Card Reader for up to 1TB of additional memory.

Innovative Design

Sleek, modern, and compact
Slim, compact design that doesn’t compromise your productivity. The high-resolution 10” PixelSense™ Display is designed to be touched, viewed, and written on — with the adjustable Kickstand, you’ll find your most natural angle to write and draw with Surface Pen. Capture photos and make crisp, clear video calls with a front-facing and rear auto-focus HD camera. Express your personal style when you mix and match the colors available with new Surface Go Signature Type Cover and new Surface Mobile Mouse.

Best of Microsoft

Makes the most of Microsoft 365
Make the most of your Microsoft investment with new Surface Go, the 10” device that empowers your workforce with Microsoft 365 and Windows 10 Pro. Unleash your team’s mobile productivity with accessories designed for Microsoft Surface: Surface Pen for natural, easy digital inking and note-taking, new Surface Go Signature Type Cover for a full keyboard experience, and new Surface Mobile Mouse, our most portable precision mouse ever.
# Surface Go Technical Specifications

| Display | 10” PixelSense™ Display, 1800 x 1200 (217 PPI)  
10-point multi-touch, Aspect ratio 3:2  
Corning® Gorilla® Glass 3  
Contrast ratio: 1500:1 |
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimensions</td>
<td>9.65” x 6.9” x 0.33” (245mm x 175mm x 8.3mm)</td>
</tr>
<tr>
<td>Weight</td>
<td>Wi-Fi: 1.15 lbs (522g)</td>
</tr>
<tr>
<td>Processor</td>
<td>Intel® Pentium® Gold Processor 4415Y</td>
</tr>
</tbody>
</table>
| Memory (RAM)/storage combinations | 4GB RAM, 64GB embedded MultiMediaCard (eMMC) drive  
• Available in Wi-Fi only  
8GB RAM, 128GB solid state drive (SSD)  
• Available in Wi-Fi and LTE  
8GB RAM, 256GB solid state drive (SSD)  
• Available in LTE only |
| Graphics | Intel® HD Graphics 615 |
| Battery | Wi-Fi: Up to 9 hours of local video playback¹ |
| Security | TPM 2.0 for enterprise security  
Enterprise-grade protection with Windows Hello face sign-in |
| Software | Ships with Windows 10 Pro configurable to S Mode⁴  
1 month trial for new Microsoft Office 365 customers |
| Wireless | Wi-Fi: IEEE 802.11 a/b/g/n/ac compatible  
Bluetooth Wireless 4.1 technology |
| Network (LTE Advanced models) | Nano SIM Tray  
4G LTE Advanced (Bands 1, 2, 3, 4, 5, 7, 8, 12, 13, 17, 19, 20, 25, 26, 28, 29, 30, 38, 39, 40, 41)  
GPS / GLONASS: Standalone and Assisted GNSS, accuracy up to 3 meters |

| Sensors | Ambient light sensor  
Accelerometer  
Gyroscope  
Magnetometer |
|---|---|
| Connections and expansions | 1 x USB-C™  
1 x Surface Connect port  
3.5mm headphone jack  
1 x microSDXC card reader  
Surface Type Cover port |
| Cameras, video, and audio | Windows Hello face authentication camera (front-facing)  
5.0MP front-facing camera with 1080p Skype HD video  
8.0MP rear-facing autofocus camera with 1080p HD video  
Single microphone  
2W stereo speakers with Dolby® Audio™ Premium |
| Exterior | Casing: Magnesium  
Color: Silver  
Physical buttons: Volume, Power |
| What’s in the box | Surface Go  
24W Surface Power Supply  
Quick Start Guide  
Safety and Warranty documents |
| Warranty | 1-year limited hardware warranty |
Meet Surface Laptop 3 for Business

Designed to fuel your ideas

New Surface Laptop 3 is thin, light, and elegant. Choose from rich colors that include new Sandstone, keyboard finishes in Alcantara® material or metal, and two sizes: the 13.5” or new, larger 15”.

Surface for Business unlocks more value

Surface customers save time and money with streamlined deployment, modern device management, and built-in, cloud-powered security. Empower people, data, and systems with connected experiences from Surface and Microsoft 365.

Collaborate, connect, and interact your way

New Surface Laptop 3 adapts to how you want to work with USB-C™ and USB-A ports, dual far-field Studio Mics so you’re heard loud and clear, and a front-facing 720p HD camera helps you look your best.

Performance to power your productivity

Do it all faster than before and with more power than ever. The latest 10th Gen Intel® Core™ Processor keeps pace with your ideas. Battery life lasts up to 11.5 hours, with improved battery standby.
**Surface Laptop 3 Technical Specifications**

<table>
<thead>
<tr>
<th>Display</th>
<th>Surface Laptop 3 13.5&quot;</th>
<th>Surface Laptop 3 15&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td>Screen</td>
<td>13.5&quot; PixelSense™ Display</td>
<td>15&quot; PixelSense™ Display</td>
</tr>
<tr>
<td>Resolution</td>
<td>2256 x 1504 (201 PPI)</td>
<td>2496 x 1664 (201 PPI)</td>
</tr>
<tr>
<td>Aspect ratio</td>
<td>3:2</td>
<td>3:2</td>
</tr>
<tr>
<td>Surface Pen* enabled</td>
<td></td>
<td>Surface Pen* enabled</td>
</tr>
<tr>
<td>Touch</td>
<td>10-point multi-touch</td>
<td>10-point multi-touch</td>
</tr>
</tbody>
</table>

| Dimensions       | Surface Laptop 3 13.5": 12.1" x 8.8" x .57" (308 mm x 223 mm x 14.51 mm) |
|------------------|Surface Laptop 3 15": 13.4" x 9.6" x .57" (339.5 mm x 244 mm x 14.69 mm) |

| Weight           | Surface Laptop 3 13.5" in Matte Black and Sandstone: 2.84 lb (1,288 g) |
|------------------|Surface Laptop 3 13.5" in Platinum and Cobalt Blue: 2.79 lb (1,265 g) |
|                  | Surface Laptop 3 15" in Platinum and Matte Black: 3.4 lb (1,542 g) |

| Processor        | Quad-core 10th Gen Intel® Core™ i5-1035G7 Processor |
|------------------|Quad-core 10th Gen Intel® Core™ i7-1065G7 Processor |

| Memory           | Surface Laptop 3 13.5": 8GB or 16GB LPDDR4x RAM |
|------------------|Surface Laptop 3 15": 8GB, 16GB, or 32GB LPDDR4x RAM |

| Graphics         | Intel® Iris™ Plus Graphics |

| Storage¹         | Solid-state drive (SSD removable by Microsoft Authorized Service Providers) options: 128GB, 256GB, 512GB, 1TB |

| Battery life²    | Surface Laptop 3 13.5": Up to 11.5 hours of typical device usage |
|------------------|Surface Laptop 3 15": Up to 11.5 hours of typical device usage |

| Security         | Firmware TPM |
|------------------|Enterprise-grade protection with Windows Hello face sign-in |

| Best-in-class support from Microsoft Store | 30-day return policy |
|-------------------------------------------| 90 days of free technical phone support |
|                                           | 12 months in-store support and technical assistance |
|                                           | 1 free 60-minute training session to transfer data and optimize performance |

| Software         | Windows 10 Pro |
|------------------|1-month trial for new Microsoft Office 365 customers |

| Wireless         | Bluetooth Wireless 5.0 technology |
|------------------|Surface Laptop 3 I/P 13.5": Wi-Fi 6: 802.11ax compatible |
|                  |Surface Laptop 3 I/P 15": Wi-Fi 5: 802.11ac compatible |

| Sensors         | Ambient light sensor |

| Connections      | 1 x USB-C™ |
|------------------|1 x USB-A |
|                  | 3.5 mm headphone jack |
|                  | 1 x Surface Connect port |
|                  | Compatible with Surface Dial off-screen interaction* |

| Cameras, video, and audio | Windows Hello face authentication camera (front-facing) |
|---------------------------|720p HD 12.0 camera (front-facing) |
|                           | Dual far-field Studio Mics |
|                           | Omnisonic Speakers with Dolby® Audio™ Premium |

| Exterior          | Casing: Aluminum |
|-------------------|Power and Volume buttons on keyboard |
|                   |Surface Laptop 3 15": colors:4 |
|                   |Matte Black with metal palm rest |
|                   |Platinum with metal palm rest |

| Surface Laptop 13.5" colors:4 | Sandstone with metal palm rest |
|--------------------------------|Matte Black with metal palm rest |
|Cobalt Blue with Alcantara® material palm rest | Platinum with Alcantara® material palm rest |

| What's in the box | Surface Laptop 3 13.5" or 15" |
|-------------------|Power Supply |
|                   |Quick Start Guide |
|                   |Safety and warranty documents |

| Warranty         | 1-year limited hardware warranty |

*Sold separately

¹ System software and updates use significant storage space. Available storage is subject to change based on system software and updates and apps usage. 1 GB = 1 billion bytes. 1 TB = 1,000 GB. See Surface Storage for more details.

² Hard drive is not user removable. Hard drive is only removable by skilled technician following Microsoft provided instructions.

³ 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" Intel® Core™ i7, 512GB, 16 GB RAM devices. Battery life varies significantly with settings, usage and other factors. See surface.com.

⁴ For more information on processor, see surface.com/business.

⁵ Colors available on select models only; available colors may vary by market and store.

Get powerhouse performance and amazing graphics with the new Surface Book 2, a robust laptop, tablet, and portable studio in one with up to 17 hours of battery life¹ and up to 2 times more power than the original Surface Book (with NVIDIA® discrete graphics).

**Built for Performance**

Power professional-grade software
Bring big ideas to life with faster performance and amazing graphics. With the new Surface Book 2, breeze through daily tasks, run professional-grade software, and create more with high-speed Intel® quad-core processors, blazing NVIDIA® graphics, and lightning-fast storage. The new Surface Book 2 delivers up to 17 hours of battery life¹ and is up to 4 times more powerful than the original Surface Book (with NVIDIA® discrete graphics).

**Most Versatile**

Adapts to the Ways You Create
The new Surface Book 2 is a robust laptop, powerful tablet, and portable studio that adapts to how your teams work and create best. Whether catching up on email, sharing presentations, or taking notes with Surface Pen, the new Surface Book 2 has four versatile modes of use. Plus, connect to all your devices: hook up to USB-C and USB 3.0 ports, as well as your full-size SD card and Surface Dock.

**Beautifully Designed**

Designed with innovation in every detail
The new Surface Book 2 balances power and premium materials for unprecedented performance in a laptop its size. Be immersed in experiences that look and feel like real life on the stunning PixelSense™ Display: now available in a 13.5” or new 15” touchscreen. And get big ideas down quickly and confidently on the full-size, backlit keyboard.

**Best of Microsoft**

The best of Windows and Office
Designed by Microsoft, Surface Book 2 is engineered to deliver the best, most secure experience with Office and Windows, and supported by world-class customer care. Keep your ideas in OneDrive, use familiar desktop apps like Word and PowerPoint, and save time attaching files to emails with Outlook. Plus, if you need a secretary, Cortana is your personal digital assistant ready to find documents, complete tasks, and set reminders.
**Surface Book 2 Technical Specifications**

### Display
- **Surface Book 2 13”:** 13.5” PixelSense™ Display, 3000 x 2000, (267 PPI) 10-point multi-touch G5
- **Surface Book 2 15”:** 15” PixelSense™ Display, 3240 x 2160, (260 PPI), 10-point multi-touch G5

### Processor/RAM/Storage
- **Surface Book 2 13”:**
  - 7th Gen Intel® Core™ i5-7300U dual-core processor:
    - 8GB RAM 1866MHz LPDDR3, 256GB SSD
  - 8th Gen Intel® Core™ i7-8650U quad-core processor:
    - 16GB RAM 1866MHz LPDDR3, 512GB SSD

- **Surface Book 2 15”:**
  - 8th Gen Intel® Core™ i7-8650U quad-core processor:
    - 16GB RAM 1866MHz LPDDR3, 512GB SSD

### Graphics
- **Surface Book 2 13”:**
  - Intel® i5: Intel® HD Graphics 620 integrated GPU
  - Intel® i7: NVIDIA® GeForce® GTX 1050 discrete GPU w/ 2GB GDDR5 graphics memory

### OS
- Ships with 64-bit Windows 10 Pro (Windows Creators Update)

### Dimensions
- **Surface Book 2 13”:**
  - Intel® i5: 12.3” x 9.14” x 0.51”-0.90”
  - Intel® i7: 12.3” x 9.14” x 0.59”-0.90”

- **Surface Book 2 15”:**
  - 13.5” x 9.87” x 0.568”-0.90”

### Weight
- **Surface Book 2 13”:**
  - Starting at 3.38 lbs (1,534 g)
  - Starting at 3.62 lbs (1,642 g)

### Battery
- Up to 17 hours of video playback

### Wireless
- Wi-Fi: IEEE 802.11 a/b/g/n/ac compatible, Bluetooth Wireless 4.1 technology
- Xbox Wireless built-in (15” only)

### Connections
- 2 x full-size USB 3.1 Gen 1, 1 x USB-C, 2 x Surface Connect ports (base and tablet), Full-size SD™ card reader, 3.5mm headphone jack

### Storage type
- PCIe SSD

### Security
- TPM 2.0 chip for enterprise security, Common Criteria (CC) EAL4+, FIPS 140-2 level 2

### Biometrics
- Enterprise-grade protection with Windows Hello

### Sensors
- Ambient light sensor, Proximity sensor, Accelerometer, Gyroscope, Magnetometer

### Camera
- 5.0MP front-facing camera with 1080p HD video, 8.0MP rear-facing autofocus camera with 1080p HD video, Windows Hello face authentication camera (front-facing)

### Audio
- Dual microphones, Front-facing stereo speakers with Dolby® Audio™ Premium, Support for Windows Sonic for Headphones, Support for Dolby® Atmos for Headphones

### Modes
- Can be used in Laptop Mode, Tablet Mode, View Mode or Studio Mode

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### Configurations and pricing

<table>
<thead>
<tr>
<th>Surface Book 2 13”</th>
<th>USERP</th>
<th>Surface Book 2 15”</th>
<th>USERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>Intel® Core™ i5 dual-core 8 GB/256 GB</td>
<td>$1,499</td>
<td>Intel® Core™ i7 quad-core 16GB/256GB</td>
<td>$2,499</td>
</tr>
<tr>
<td>Intel® Core™ i7 quad-core 8 GB/256 GB</td>
<td>$1,999</td>
<td>Intel® Core™ i7 quad-core 16GB/512GB</td>
<td>$2,899</td>
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<tr>
<td>Intel® Core™ i7 quad-core 16 GB/512 GB</td>
<td>$2,499</td>
<td>Intel® Core™ i7 quad-core 16GB/1TB</td>
<td>$3,299</td>
</tr>
<tr>
<td>Intel® Core™ i7 quad-core 16 GB/1TB</td>
<td>$2,999</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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1. Up to 17 hours of video playback. Testing conducted by Microsoft in October 2017 using preproduction Intel® Core™ i5, 256GB, 8 GB RAM & Intel® Core™ i7, 512GB, 16 GB RAM iGPU devices. 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. Sold separately
3. 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.
4. Weights including keyboard
5. Requires an additional one-time purchase via the Windows Store to unlock

For more information about Surface for Business: microsoft.com/en-us/devices/business
Surface Studio 2: The ultimate creative studio

With blazing graphics and brilliant color on the adjustable 28” display, Surface Studio 2 is changing the way creatives and engineers draft designs.

Your ideas at light speed
Bring big ideas to life with intensive professional-grade software like Adobe Creative Cloud,* AutoCAD,* Bentley Navigator,* and SolidWorks*. Surface Studio 2 is our most powerful surface with Intel® Core™ i7 processors, discrete NVIDIA® GeForce® GPU, and solid-state hard drives. Achieve Blazing graphics performance to power 3D modeling, 4K video editing, and rendering.

Designed to inspire
Surface Studio 2 with strikingly large and incredibly immersive display is designed to inspire uninterrupted creative focus, while the 3:2 aspect ratio is optimized for productivity. Surface Studio 2 is a true example of an modern design that inspires, with clean lines, a minimal footprint, and an exceptionally thin profile. Put your best face forward in video calls that feel real with a 1080p camera and a tilted display, amazingly clear sound, and far-field microphones.

Create in new ways
Unlock true creativity on 28” PixelSense™ Display touchscreen with 13.5 million pixels of true-to-life color. Work at your best angle swiftly switching between studio mode & desktop mode. Sketch naturally with Surface Pen and access intuitive shortcuts to drawing tools with Surface Dial.*

Do more with hardware & software built together
Unlock collaboration, creativity, and productivity with Surface Studio 2 for Business and Windows 10 Pro to make the most of the software and business apps you rely on every day. Additionally pair Studio 2 with Microsoft 365 – which represents a complete, intelligent solution for our commercial customers to empower everyone to be creative and work together, securely.
### Surface Studio 2 Technical Specifications

| Dimensions | Display: 25.1” x 17.3” x 0.5” (637.35 mm x 438.90 mm x 12.50 mm)  
Base: 9.8” x 8.7” x 1.3” (250.00 mm x 220.00 mm x 32.20 mm) |
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Weight</td>
<td>21 lbs. max (9.56 kg max)</td>
</tr>
<tr>
<td>Storage</td>
<td>1TB or 2TB solid-state drive (SSD)</td>
</tr>
<tr>
<td>Memory</td>
<td>16GB or 32GB (DDR4)</td>
</tr>
<tr>
<td>Processor</td>
<td>Intel® Core® 7th Generation i7-7820HQ</td>
</tr>
</tbody>
</table>
| Graphics   | NVIDIA® GeForce® GTX 1060 6GB GDDR5 memory  
NVIDIA® GeForce® GTX 1070 8GB GDDR5 memory |
| Display    | Screen: 28” PixelSense™ Display  
Resolution: 4500 x 3000 (192 PPI)  
Color settings: sRGB, DCI-P3, and Vivid  
Individually color-calibrated display  
Aspect Ratio: 3:2  
Touch: 10 point multi-touch  
Supports Surface Pen with tilt activation, Surface Dial* on-screen interaction, and Zero Gravity Hinge |
| Connections| 4 x USB 3.0 (one high power port)  
Full-size SD™ card reader (SDXC) compatible  
1 x USB-C  
3.5 mm headphone jack  
Compatible with Surface Dial* on-screen interaction  
1 Gigabit Ethernet port |
| Cameras, video, audio | Windows Hello face authentication camera (front-facing)  
5.0MP front-facing camera with 1080p HD video  
Dual microphones  
Stereo 2.1 speakers with Dolby® Audio™ Premium |
| Wireless   | Wi-Fi: 802.11a/b/g/n compatible  
Bluetooth Wireless 4.0 technology  
Xbox Wireless built-in² |
| Exterior display port | Up to two 4K UHD (@30Hz) or single 4K UHD (@60Hz) |
| Security   | TPM 2.0 chip for enterprise security  
Enterprise-grade protection with Windows Hello face sign-in |
| What’s in the box | Surface Studio 2  
Surface Pen  
Surface Keyboard  
Surface Mouse  
Power cord with grip-release cable  
Quick start guide  
Safety and warranty guide |
| Software   | Windows 10 Pro  
1 month trial for new Microsoft Office 365 customers |
| Exterior   | Physical buttons: Volume, Power |
| Warranty   | 1-year limited hardware warranty |
| Best-in-class support from Microsoft Store³ | 30-day return policy  
90 days of free technical phone support  
12 months in-store support and technical assistance⁴  
1 free 60-minute training session⁵ |
Surface Pro X: Ultra-thin & always connected

You’re always one step ahead. So is Surface Pro X. Sleek design and ultimate mobility combine in our thinnest 2-in-1 ever. Stay connected and work more efficiently anywhere with blazing-fast LTE2 and an edge-to-edge 13” touchscreen.

Designed to impress
Make bold moves with our thinnest 2-in-1 yet. The virtually edge-to-edge 13” display helps you take your ideas to the limit. Next-level portability comes in the perfect pair — new Surface Slim Pen* recharges and stores securely in new Surface Pro X Signature Keyboard.*

Work any way, from anywhere
Work from anywhere on your terms. Ultimate mobility meets remarkable versatility with next-gen, high-speed LTE2 in a device that adapts to however – and wherever – you work, transforming from laptop, to tablet, to portable studio. Connect to displays, docking stations and more with two USB-C™ ports and Surface Dock.*

Power to fuel productivity on the move
Unleash stunning presentations, gorgeous images, and high-definition video. PC-class power and performance fuels your on-the-go creativity with incredible graphics performance, all-day battery life,5 and Fast Charging. Get back to work faster with Instant On and extended battery standby.

Makes the most of Microsoft 365
Surface Pro 6 with Windows 10 Pro offers advanced security protections, enterprise manageability, and enhanced productivity tools. Additionally pair Surface Pro 6 with Microsoft 365 — which represents a complete, intelligent solution for our commercial customers to empower everyone to be creative and work together, securely.

* Sold separately.
2 Service availability and performance subject to service provider’s network. Contact your service provider for details, compatibility, pricing, SIM card, and activation. See all specs and frequencies at surface.com.
5 Surface Pro X for Business battery life: Up to 13 hours of battery life based on typical Surface device usage. Testing conducted by Microsoft in September 2019 using preproduction software and preproduction configurations of Surface Pro X. Battery life varies significantly with settings, usage and other factors. See surface.com.
# Surface Pro X Technical Specifications

<table>
<thead>
<tr>
<th>Dimensions</th>
<th>11.3 in x 8.2 in x 0.28 in (287 cm x 208cm x 7.3mm)</th>
</tr>
</thead>
</table>
| Display    | Screen: 13” PixelSense™ Display  
Resolution: 2880 x 1920 (267 PPI)  
Aspect ratio: 3:2  
Touch: 10 point multi-touch |
| Memory     | 8GB or 16GB LPDDR4x RAM |
| Processor3 | Microsoft® SQ1™ |
| Security   | Firmware TPM chip for enterprise security and BitLocker support  
Enterprise-grade protection with Windows Hello face sign-in |
| Software   | Windows 10 Pro  
1 month trial for new Microsoft Office 365 customers |
| Sensors    | Accelerometer  
Gyroscope  
Magnetometer  
Ambient light sensor |
| What’s in the box | Surface Campus  
Power Supply  
SIM Card access tool  
Quick Start Guide  
Safety and warranty documents |
| Battery life² | Up to 13 hours of typical device usage² |
| Graphics   | Microsoft® SQ1™ Adreno™ 685 GPU |
| Connections | 2 x USB-C™  
1 x Surface Connect port  
Surface Keyboard port  
1 x nano SIM  
Compatible with Surface Dial off-screen interaction* |
| Cameras, video, and audio | Windows Hello face authentication camera  
(front-facing)  
5.0MP front-facing camera with 1080p full HD video  
10.0MP rear-facing autofocus camera with 1080p HD and 4k video  
Dual far-field Studio Mics  
2W stereo speakers with Dolby® Audio™ Premium |
| Wireless   | Wi-Fi 5: 802.11ac compatible  
Bluetooth Wireless 5.0 technology  
Qualcomm® Snapdragon™ X24 LTE modem  
Up to Gigabit LTE Advanced Pro⁴ with nanoSIM and eSIM support. LTE Bands supported: 1, 2, 3, 4, 5, 7, 8, 12, 13, 14, 19, 20, 25, 26, 28, 29, 30, 38, 39, 40, 41, 46, 66  
Assisted GPS and GLONASS support |
| Exterior   | Casing: Signature anodized aluminum with carbon composite fanless thermal cooling  
Colors: Matte Black  
Physical buttons: Volume, Power |
| Warranty   | 1-year limited hardware warranty |

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1 System software and updates use significant storage space. Available storage is subject to change based on system software and updates and apps usage. 1 GB = 1 billion bytes. 1 TB = 1,000 GB. See Surface Storage for more details.

2 Up to 13 hours of battery life based on typical Surface device usage. Testing conducted by Microsoft in September 2019 using preproduction software and preproduction configurations of Surface Pro X. Testing consisted of full battery discharge with a mixture of active use and modern standby. The active use portion consists of (1) a web browsing test accessing 8 popular websites over multiple open tabs, (2) a productivity test utilizing Microsoft Word, PowerPoint, Excel and Outlook, and (3) a portion of time with the device in use with idle applications. All settings were default except screen brightness was set to 150nits with Auto-Brightness disabled. Wi-Fi was connected to a network. Battery life varies significantly with settings, usage and other factors.

3 For more information on processor, see surface.com/business.

4 Service availability and performance subject to service provider’s network. Contact your service provider for details, compatibility, pricing, SIM card, and activation. See all specs and frequencies at surface.com.

5 Weight not including Surface Pro X Keyboard.
Surface Hub 2S: Teamwork without boundaries

Enable teamwork anywhere with new Surface Hub 2S, a modern, all-in-one collaborative canvas and meetings platform that brings the power of Windows 10 to teams. It’s, light, thin, and easy to integrate into any work space. Wherever your teams go, Surface Hub 2S can go too.

Teamwork anywhere
Free your team to collaborate anywhere. New Surface Hub 2S can integrate into any workspace because it’s light, thin, and easy to move. Relocate brainstorms from the conference room to open space and experience unplugged, uninterrupted teamwork when you use Surface Hub 2S with Steelcase Roam™ Mobile Stand and APC™ Charge Mobile Battery.*

Advanced platform for remote team meetings
Bridge the distance between remote team members with a powerful meetings platform. Be seen, be heard, and actively participate 4K Surface Hub 2 Camera,3 far-field mics, crystal clear speakers, and a brilliant, 4K+ resolution screen. Run remote meetings seamlessly with Microsoft Teams¹ or Skype for Business.¹

Fluid team collaboration
Teamwork flows seamlessly with new Surface Hub 2S. Sign in to work with your Office 365 files,¹ project content wirelessly with Miracast, and brainstorm together in Microsoft Whiteboard, a teamworking app you can share across devices. Natively run your must-have Microsoft apps and essential business apps.

¹ Steelcase Roam™ Mobile Stand, Steelcase Roam™ Wall Mount, and APC™ Charge Mobile Battery are sold separately.
² Software license required for some features. Sold separately.
³ Comparison by Microsoft of Surface Hub 2S to all other devices within the Futuresource-defined Integrated Unified Communications Displays category (integrated solutions incorporating video, content and audio conferencing features with a display providing an end to end hardware and platform solution, optimized to support a specific UC platform), as of April 2019.
4 One (1) Surface Hub 2 Pen and one (1) Surface Hub 2 Camera included with Surface Hub 2S. Additional accessories sold separately.
# Surface Hub 2S Technical Specifications

| Dimensions | 29.2” x 43.2” x 3.0” (741 mm x 1097 mm x 76 mm) |
| Weight    | 61.6 lbs. (28 kg) |
| Resolution | 3840 x 2560 |
| Display   | PixelSense™ Display, 3:2 aspect ratio, 10-bit color, 15.5 mm border, anti-glare, IPS LCD |
| Compute   | Quad-core 8th Generation Intel® Core™ i5 processor, 8GB RAM, 128GB SSD |
| Graphics  | Intel® UHD 620 |
| Wireless  | Wi-Fi 5 (IEEE 802.11 a/b/g/n/ac compatible) Bluetooth Wireless 4.1 technology Miracast Display |
| Connections | USB-A Mini-DisplayPort Video Output RJ45 Gigabit Ethernet HDMI Video Input USB-C™ with DisplayPort Input (4) USB-C™ (on display) |
| Sensors   | Doppler occupancy sensor Accelerometer Gyroscope |
| Audio/Video | Full range front facing 3-way stereo speakers Full band 8-element MEMS microphone array Microsoft Surface Hub 2 Camera, 4K, USB-C™ connection, 90 degree HFOV |
| Pen       | Microsoft Surface Hub 2 Pen (active) |
| Software  | Windows 10 Microsoft Teams for Surface Hub² Skype for Business² Microsoft Whiteboard Microsoft Office (Mobile) Microsoft Power BI² |
| What’s in the box | (1) Surface Hub 2S (1) Surface Hub 2 Pen (1) Surface Hub 2 Camera 3m AC Power Cable Quick Start Guide |
| Warranty  | 1-year limited hardware warranty |

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## Surface Hub 2 Pen technical specifications

| Dimensions | 5.94” x 0.64” x 0.56” (151 mm x 16.3 mm x 14.3 mm) |
| Weight    | 0.09 lbs. (41 g) |
| Buttons   | Barrel button and tail eraser |
| Color     | Grey |
| Connector type | Bluetooth 4.0 |
| Compatibility | Surface Hub 2S Surface Book 2¹ Surface Book Surface Studio 2¹ Surface Studio² Surface Laptop Surface Go Surface Go with LTE Advanced Surface Pro 6 Surface Pro (5th Gen)¹ Surface Pro (5th Gen with LTE Advanced¹ Surface Pro 4 Surface Pro 3 Surface 3 |

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## Surface Hub 2 Camera technical specifications

| Dimensions | 2.26” x 2.18” x 1.65” (57.5 mm x 55.3 mm x 42 mm) |
| Weight    | 0.19 lbs. (88.01 g) |
| Connection | USB-C™ (with magnetic attach) |
| Resolution | 4K |
| Field of View | 90 degree HFOV |
| Imaging Features | Anti-flicker Face based auto exposure Up to 30 frames per second |

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¹ Eligible for Surface Pro 4/5 Go and Surface Pro 6 Go ² Eligible for Surface Book 2/3 and Surface Studio 2/3