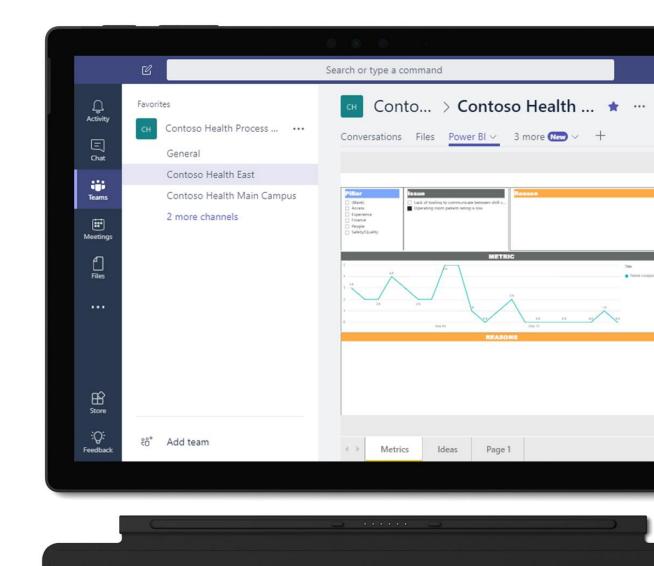
# Microsoft Surface in healthcare

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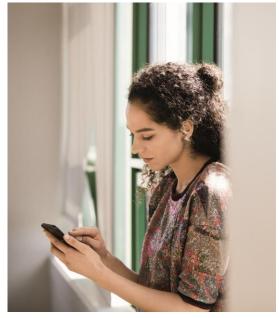


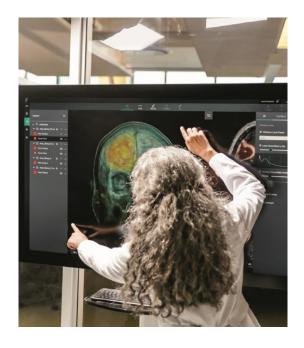


## Modern healthcare

Technology is transforming the healthcare industry









Telemedicine

Mobility and cloud

Wearables and IoT

Artificial intelligence and mixed reality

## Modern challenges

Evolving technology creates both opportunities and hurdles



patients expecting to use digital services in the future<sup>1</sup>



of all data breaches hit the health industry<sup>2</sup>



cost of compliance per health organization<sup>3</sup>



class-action lawsuit against a medical device manufacturer by 2021<sup>4</sup>

## Modern technology

Devices and software, purpose-built to improve the lives of people



Office 365

Enterprise Mobility + Security

Windows 10

## Surface + Microsoft 365

Maximizing Microsoft investments with Surface

11%

increase in ROI on Microsoft 365 Enterprise E5 investments when used on a Surface device \$11.1<sub>M</sub>

Net Present Value (NPV) for Microsoft 365 and Surface investments

16

month payback period for Microsoft 365 and Surface investments 76%

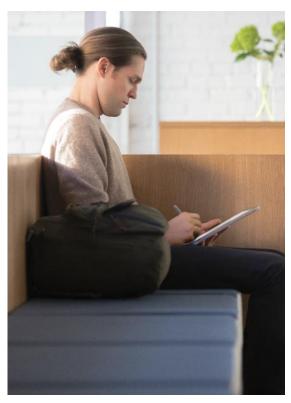
agree that Microsoft 365 powered Surface devices have helped improve employee retention

A Forrester Consulting Total Economic Impact™ Study Commissioned by Microsoft, March 2018

## A Surface for every role

Versatile devices for a versatile workforce









Pharmaceutical Reps

Mobile Care Workers

Nurses

Physicians

## The users who love our products

Delivering value across the healthcare industry



Surface Hub



Surface Book



Surface Go



Surface Pro

**Mobile Care Workers** 

Nurses

**Pharmaceutical Reps** 

**Physicians** 



Surface Laptop



Surface Studio

Keeping doctors appraised of the latest drug therapies

#### Challenges

As a Pharmaceutical Sales Rep, Richard faces a number of challenges in his role including:

- Keeping up-to-date on the latest drugs and treatments
- Staying connected to his email and calendar on the go
- Using convincing content to persuade doctors
- Working with teammates remotely

#### The ideal device

To manage his busy schedule, Richard needs a device that:

- Remains connected to a network at all times
- Is lightweight but powerful enough to run all his apps
- Allows him to capture signatures on the spot
- Represents him and his company well



#### Mobility between meetings

Unlock your device quickly and securely with Windows Hello, taking advantage of those extra seconds in the day

Run critical CRM software with confidence using an advanced Intel® Core™ processor

Stay connected to email, schedules, product information, and industry news with LTE Advanced

Review client facing presentations on the go

Optimize the day's schedule and set reminders using Cortana, your virtual assistant

Establish your travel schedule and set up reminders with LTE location services



**Advanced for Business** 

(Tablet Mode)



10:30 AM



#### **Engaging physicians**

Have more engaging conversations with a high definition **PixelSense display** 

Call out specific details or annotate on PowerPoint presentations in real time using the **Surface Pen** 

Switch from **Studio Mode to Tablet Mode** so physicians can interact with the device directly

Forego a charge with extended battery life

Capture signatures on the spot and make better use of **OneNote** with natural inking experiences from the **Surface Pen** 



All-day battery



1:10 PM

#### Stay up-to-date anywhere

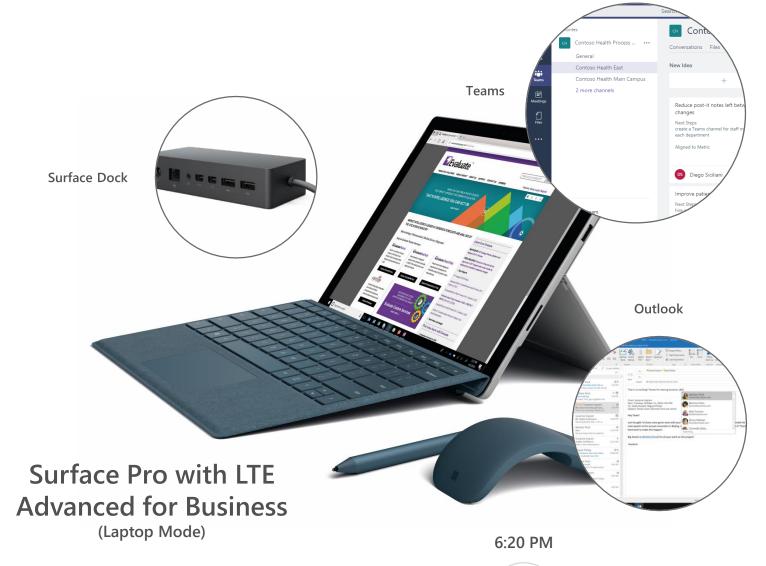
Research products and read industry news in **crystal clarity** 

Unlock productivity across Office apps with **Surface Pen** and the **touch capabilities** of Pro

Plug into home monitors seamlessly using the **Surface Dock** 

Stay current on email and calendars with **Outlook** 

Keep in touch with teammates and management using **Teams** and **Skype for Business** 





Providing in-home support to those in need

#### Challenges

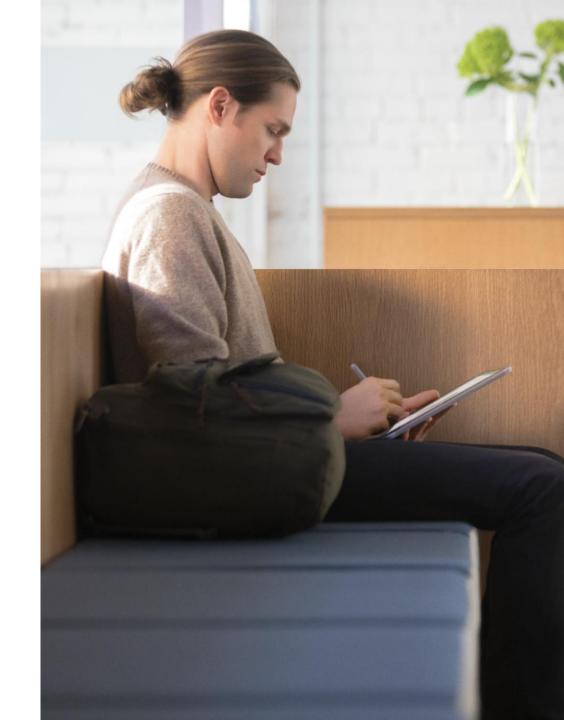
Rob faces a number of challenges in his role as a Mobile Care Worker including:

- Connecting with specialists and doctors remotely
- Ensuring all patient information is captured and stored securely
- Staying connected to a network even when moving from place to place

#### The ideal device

To ensure he delivers the best patient care, Rob needs a device that:

- Doesn't rely solely on a Wi-Fi network
- Can connect him with his care team at a moment's notice
- Has enterprise-grade security features
- Is lightweight, durable, and easy to sterilize



#### Personalized patient engagements

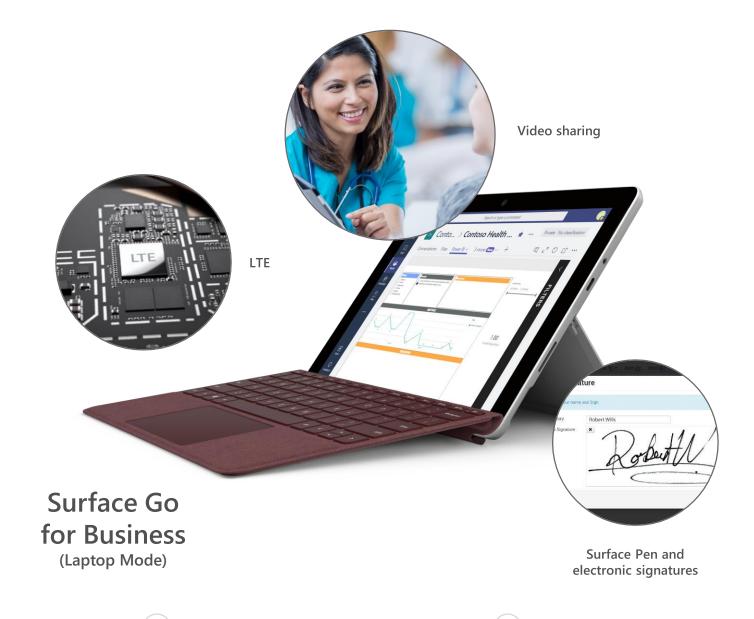
Share educational videos and informational content with a high definition **PixelSense display** 

Access patient records from anywhere, securely, with data encryption and LTE connectivity

Bring colleagues and specialists into conversations with patients using **Teams** 

Get e-signatures on the spot for medical paperwork with the **Surface Pen** 

Use **standard sanitation materials** on the Surface Go to ensure it stays sterile



9:05 AM



#### Logging patient info securely

Log patient information into EHR software nearly anywhere with LTE and Wi-Fi connectivity

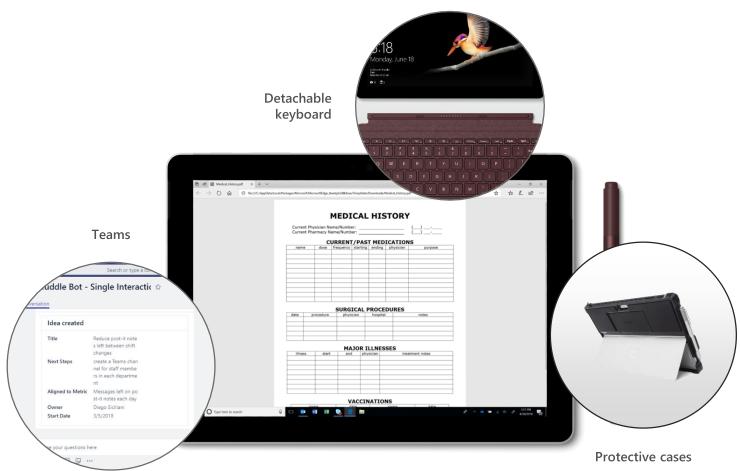
Run critical EHR software with confidence via an advanced Intel® Core™ processor

**Attach a keyboard easily** to input detailed notes when necessary

Update broader remote care teams with patient information using **Teams** 

Use **durable cases and grips** to keep the device protected and sanitary

Log all patient information more securely via Microsoft DirectAccess, Auto-VPN tunnels



Surface Go for Business

12:55 PM



(Tablet Mode)

#### Fully mobile telemedicine

Include doctors and specialists in care planning using videoconferencing software, Dolby Audio speakers, and professional mics

Stay productive all day with **extended battery life** 

Be confident in the safety of patient data with TPM chips, Windows 10 Device Encryption, and Windows Defender

Capture images of documents in stunning detail with **high quality cameras** 

Carry a full Windows 10 experience in the palm of your hand with the **lightest Surface yet—1.15 lbs.** 



All-day battery

Surface Go for Business (Studio Mode)

3:20 PM



## Isle of Wight NHS Trust

Improving patient care with Surface



#### Background

To better support the needs of patients in the community, Isle of Wight NHS Trust required devices that would enable employees to coordinate with patients remotely, access their personal data rapidly, and work through common tasks with increased effectiveness.

#### Surface delivers

With touchscreen support and Surface Pen, Isle of Wight NHS Trust employees can interact with patients and data more naturally.

Surface truly enables the Trust's healthcare professionals to deliver higher quality patient care.



Providing better patient care

#### Challenges

As a busy Nurse, Casey faces a number to challenges in her day including:

- Providing patients with personalized care and support
- Staying productive on the move
- Updating patient records accurately and securely
- Reacting quickly in the event of an emergency

#### The ideal device

To ensure she delivers the best patient care, Casey requires a device that can:

- Easily be carried around all day
- Connect her to doctors and colleagues quickly
- Double as both a laptop and a tablet to run EHR apps
- Be sanitized easily and survive a fall



#### Beginning a shift

Get the day started quickly with **Fast Startup** and a secure sign in using **Windows Hello** 

Carry a full Windows 10 experience in the palm of your hand with the **lightest Surface yet**—

1.15 lbs.

**Stay productive on the go** without being tethered to a fixed workstation

Communicate patients' status with colleagues, specialists, and doctors using **Teams and Skype for Business** 

Ensure devices are never down with Surface charging stations

6:05 AM





#### Checking in on patients

Quickly detach Surface Go from mobile cart to use as a tablet

Use a **keyboard-friendly protective case** for improved durability and sterilization

Review charts and medical information in high definition with a PixelSense display

Share educational videos and interactive content via a 10-point, multi-touch screen

Leverage the productivity potential of a Windows 10 device so you never have to switch between a tablet and a full PC



10:30 AM



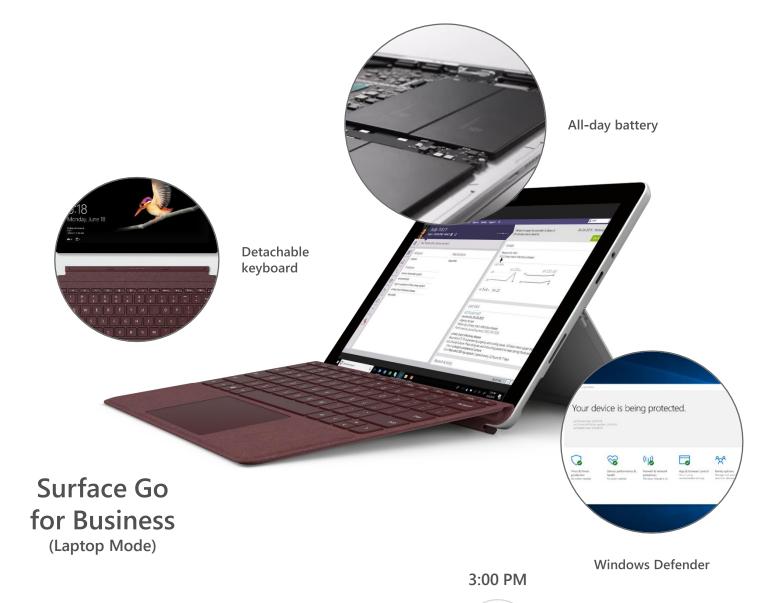
#### Logging information in real time

Run critical EHR and productivity apps concurrently with an advanced Intel® Core™ processor

**Attach a keyboard easily** to input detailed notes when necessary

Be confident in the safety of patient data with **TPM** chips, Windows 10 Device Encryption, and Windows Defender

Stay productive on the morning's charge with **extended battery life** 





## **Bendigo Health**

Embracing digital transformation with Surface



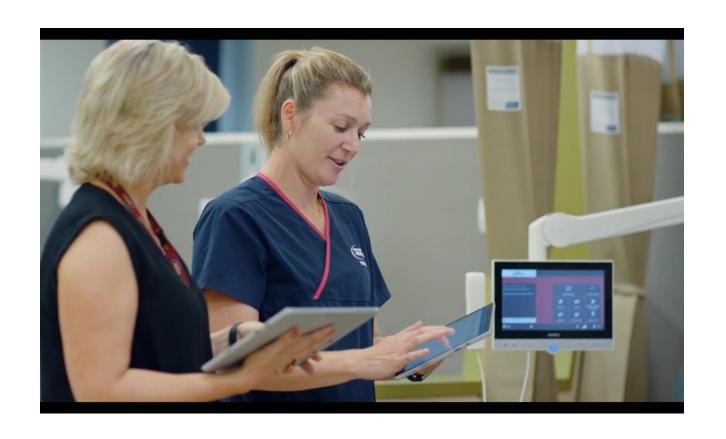
#### Background

Bendigo Health had many drivers for transformation in the digital space but the main one was to make sure employees were empowered to provide world-class, quality care to the community.

#### Surface delivers

Surface provides Bendigo Health's time-poor clinical staff a means to standardize electronic records and take notes directly into that digital medical record.

Ultimately, this makes employees more efficient and enables them to deliver a superior level of care.



## Physicians

Determining the best path to good health

#### Challenges

A specialist in his field, Steve faces a number of hurdles unique to his day-to-day including:

- Managing teams of healthcare professionals
- Coordinating with specialists to determine the best treatment plans for patients
- Staying productive in-office
- Documenting and storing patient information securely

#### The ideal device

In order to deliver the care his patients deserve, Steve needs a collection of devices that:

- Can help him better engage with his constituents
- Empower him to review medical models in a unified, collaborative space
- Capture electronic signatures right on the spot
- Deliver enterprise-grade protection for patients' PII



## Physicians

#### **Evaluating patients**

Free yourself to more closely engage patients with a detachable keyboard

Use the **Surface Pen** to capture notes on the health and wellbeing of patients

Connect to external displays quickly via **Surface Dock or Miracast**-enabled projector

Share medical information in stunning detail with a high quality, **PixelSense display** 

Manage care teams and keep up with patient status through **Teams** 



9:30 AM



## Physicians

#### Performing focused tasks in-office

Run critical EHR and productivity apps concurrently with an advanced Intel® Core™ processor

Use **Teams, Skype for Business, and Outlook** to communicate with colleagues and patients

Sign forms and take receipt of medications using the **Surface Pen** 

Visualize patient information and apps in stunning detail with a **PixelSense display and 3:2 aspect ratio screen** 

Extend work to multiple displays with minidisplay, USB-C, or docking station options



2:00 PM

Surface Pen and electronic signatures



## AstraZeneca

Taking advantage of Surface flexibility



#### Background

AstraZeneca needed to supply their workforce of over 55,000 employees with multi-purpose devices to allow them to perform their jobs effectively.

They turned to Surface to help meet those challenges.

#### Surface delivers

AstraZeneca employees love Surface because the devices are lightweight, give them an excellent writing and drawing experience, allow them to go paperless, and are flexible enough to accommodate various worker needs.



## Surface device sanitization

#### We test with the following medical wipes to make sure there are no negative impacts to the product:

- PDI Sani-Cloth Plus
- Covidien Alcohol Prep Pads
- Cavi Wipes
- Clorox Wipe: Bleach Germicidal
- Total Solutions Wipe

## From our test results for Surface Laptop 2, we can recommend the following:

- All 5 sanitization wipes can be used safely on all colors of fabric, keyboard, and trackpad
- All 5 sanitization wipes can be used safely on Silver and Graphite Gold aluminum enclosures
- Only 'Total Solutions' wipe can be used safely on Burgundy and Cobalt Blue aluminum enclosures



Surface Laptop 2 for Business

Microsoft Surface for Business

A better IT experience



#### Modern deployments

With Surface, it's easy to configure devices and roll them out across your organization

#### Modern manageability

Surface boasts a simplified technology stack, seamlessly integrated with enterprise software

#### Modern security

Surface goes beyond traditional security measures, safeguarding data down to the hardware level

# Windows 10 Pro's value to enterprise customers

All Surface for Business devices ship with Windows 10 Pro

## Peace of mind over lost devices and passwords

- BitLocker
- BitLocker To Go

## Single sign-on and more control over devices

- Azure Active Directory\* Join
- Domain Join + Group Policy
- MDM client
- Windows Autopilot

## Control over when and how to update devices

- Deferred updates
- Windows Update for Business

## Easier ways to acquire, deploy, and configure business apps

- Microsoft Store for Business
- Assigned Access
- Client Hyper-V
- Remote Desktop



# Modern management for every business

Empowering customers to improve the deployment, management, and security of their Surface devices

#### Streamlined deployments

- First device manufacturer to offer Windows Autopilot
- Developed in conjunction with the Windows team
- Empowered by the Cloud Solution Provider community

#### Best-in-class security

- Adheres to all Windows 10 security standards
- Windows Hello biometric authentication
- Automatic risk mitigation and reduction of IT complexity

#### Modern management

- Manufactured for device enrollment within Azure Active Directory
- Use Intune Device Wipe if Surfaces are lost, stolen, or repurposed
- Surface is available now as a Microsoft Managed Desktop device



## Microsoft Surface for Business

Devices purpose-built to improve the lives of people



Office 365

Enterprise Mobility + Security

Windows 10

## Next steps

- <Insert call to action #1>
- <Insert call to action #2>
- <Insert call to action #3>





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Microsoft makes no warranties, express, implied or statutory, as to the information in this presentation.



## Appendix



## Surface for Business accessories\*



#### Surface Arc Mouse

Slim, light, and ready to travel, Surface Arc Mouse is designed to conform to your hand and snaps flat to easily fit in your bag. Connects via Bluetooth. Available in a choice of rich colors to complement your Surface device.



#### Surface Pen

Now better than ever, the Surface Pen delivers our most natural writing and drawing experience yet. With tilt support for shading, 4,096 levels of pressure sensitivity, and virtually no lag.

#### **Surface Pro Signature Type Cover**

Add a touch of luxury to everyday tasks with the Surface Pro Signature Type Cover in Alcantara® fabric—a perfect blend of sophisticated style, comfort, and technology.





#### **Surface Headphones**

Surround yourself with spectacular sound or immerse yourself in silence for focused work using the new Surface Headphones. Enjoy comfort and style you'll want to wear all day. It's a smarter way to listen and focus.

## Surface for Business accessories\*



Microsoft Surface USB-C to HDMI Adapter



**Surface Precision Mouse** 



Microsoft Surface Connect to USB-C Adapter



**Surface Dial** 



Microsoft Surface USB-C to VGA Adapter



**Surface Dock** 

## Surface Pro with LTE Advanced for Business

The most connected laptop in its class

Secure productivity anywhere, with global LTE connectivity

Fast, powerful LTE connectivity that keeps pace with your ideas

Built to deliver the best in LTE technology

The best of Microsoft







### Surface Pro with LTE Advanced for Business | specifications

Dimensions/Weight	11.50" x 7.9" x 0.33" (292mm x 201mm x 8.50mm) m3: 1.69lbs. (768g) i5: 1.70lbs. (770g) i5 with LTE Advanced: 1.79lbs. (812g) i7: 1.73lbs. (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 3.0 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 video playback <sup>2</sup> With LTE Advanced: Up to 12.5 hours of video playback <sup>3</sup>
Network (LTE Advanced models) <sup>1</sup>	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)
Warranty	1-year limited hardware warranty
In the box	Surface Pro with LTE Advanced for Business (Wi-Fi or with LTE Advanced) Power Supply Quick Start Guide Safety and warranty documents

#### **Surface Pro 6 for Business**

A more powerful Pro

Your laptop, your way

More power for your ideas

Mix, match, make it your own

Makes the most of Microsoft 365





# Surface Pro 6 for Business | specifications

Dimensions	11.5" x 7.9" x 0.33" (292 mm x 201 mm x 8.5 mm)
Display	Screen: 12.3" PixelSense™ Display Resolution: 2736 x 1824 (267 PPI) Aspect ratio: 3:2 Touch: 10-point multi-touch
Memory	8GB or 16GB RAM
Processor	Intel® Core™ 8th Gen i5-8350U or i7-8650U
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
What's in the box	Surface Pro 6 for Business Power Supply Quick Start Guide Safety and warranty documents
Weight (not including Type Cover*)	i5: 1.70 lbs. (770 g) i7: 1.73 lbs. (784 g)

Storage <sup>2</sup>	Solid-state drive (SSD) options: 128GB, 256GB, 512GB, or 1TB
Battery life	Up to 13.5 hours of local video playback <sup>1</sup>
Graphics	Intel® UHD Graphics 620 (i5) Intel® UHD Graphics 620 (i7)
Connections	1 x full-size USB 3.0 3.5 mm headphone jack Mini DisplayPort 1 x Surface Connect port Surface Type Cover port <sup>3</sup> MicroSDXC card reader Compatible with Surface Dial*
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
Wireless	Wi-Fi: IEEE 802.11 a/b/g/n/ac compatible Bluetooth Wireless 4.1 technology
Exterior	Casing: Signature unibody magnesium design with hidden perimeter venting Colors: Platinum, Black <sup>4</sup> Physical buttons: Volume, Power
Warranty	1-year limited hardware warranty Advanced Exchange warranty service included at no additional cost <sup>5</sup>
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 <sup>6</sup> 1 free 60-minute training session <sup>7</sup>

#### Surface Book 2 for Business

The ultimate in performance, versatility, and craftsmanship on the go

Designed to run professional-grade software and power through the workday

Adapts to the way employees work, giving them freedom to create their best

Premium materials deliver the perfect balance of power and portability

Protect business data, connect experiences, and take advantage of familiar tools to create without limits





## Surface Book 2 for Business | specifications

Dimensions	Surface Book 2 13.5" i5: 12.3" x 9.14" x 0.51"–0.90" (312 mm x 232 mm x 13 mm–23 mm); i7: 12.3" x 9.14" x 0.59"–0.90" (312 mm x 232 mm x 15 mm–23 mm); Surface Book 2 15" 13.5" x 9.87" x 0.568–0.90" (343 mm x 251 mm x 15 mm–23 mm)	Storage <sup>2</sup>	Solid state drive (SSD) options: 256GB, 512GB, or 1TB PCIe SSD
Display	Surface Book 2 13.5" PixelSense™ Display Screen: 13.5" PixelSense™ Display Resolution: 3000 x 2000, (267 PPI) Aspect ratio: 3:2 Contrast ratio: 1600:1 Touch: 10-point multi-touch G5  Surface Book 2 15" PixelSense™ Display Screen: 15" PixelSense™ Display Resolution: 3240 x 2160, (260 PPI) Aspect ratio: 3:2 Contrast ratio: 1600:1 Touch: 10-point multi-touch G5	Battery life	Surface Book 2 13.5" PixelSense™ Display Up to 17 hours of video playback¹  Surface Book 2 15" PixelSense™ Display Up to 17 hours of video playback¹
Memory	Surface Book 2 13.5" 8GB or 16GB RAM 1866Mhz LPDDR3  Surface Book 2 15" 16GB RAM 1866Mhz LPDDR3	Graphics	Surface Book 2 13.5" Intel® HD Graphics 620 integrated GPU (on Intel® i5-7300U model)  NVIDIA® GeForce® GTX 1050 discrete GPU w/2GB GDDR5 graphics memory (on Intel® i7-8650U models)  Surface Book 2 15"  NVIDIA® GeForce® GTX 1060 discrete GPU w/6GB GDDR5 graphics memory
Processor	Surface Book 2 13.5" 7th Gen Intel® Core™ i5-7300U dual-core processor, 3.5GHz Max Turbo 8th Gen Intel® Core™ i7-8650U quad-core processor, 4.2GHz Max Turbo Surface Book 2 15" 8th Gen Intel® Core™ i7-8650U quad-core processor, 4.2GHz Max Turbo	Connections	2 x full-size USB 3.1 Gen 1 1 x USB-C 3.5mm headphone jack 2 x Surface Connect ports Full-size SD™ card reader Compatible with Surface Dial* on- and off-screen interaction

## Surface Book 2 for Business | specifications

Security	HW TPM 2.0 chip for enterprise security Enterprise-grade protection with Windows Hello face sign-on	Cameras, video, and audio	Windows Hello face authentication camera (front-facing) 5.0MP front-facing camera with 1080p HD video 8.0MP rear-facing autofocus camera with 1080p HD video Dual microphones Front-facing stereo speakers with Dolby® Audio™ Premium Support for Windows Sonic for Headphones
Software	Windows 10 Pro Creators Update 64-bit Office 30-day trial	Wireless	Wi-Fi: IEEE 802.11 a/b/g/n/ac compatible Bluetooth Wireless 4.1 technology Xbox Wireless built-in (15" only)
Sensors	Ambient light sensor Proximity sensor Accelerometer Gyroscope Magnetometer	Exterior	Casing: Magnesium Color: Silver Physical buttons: Volume, Power
What's in the box	Surface Book 2 for Business 13.5" PixelSense™ Display 39W (integrated GPU) or 95W (discrete GPU) Surface Power Supply w/USB-A (5W) charging port Quick Start Guide Safety and warranty documents  Surface Book 2 for Business 15" PixelSense™ Display 95W Surface Power Supply w/USB-A (5W) charging port Quick Start Guide Safety and warranty documents	Warranty	1-year limited hardware warranty
Weight	Surface Book 2 13.5" PixelSense™ Display Intel® Core™ i5: Starting at 3.38 lbs. (1,534 g) including keyboard  Intel® Core™ quad-core i7: Starting at 3.62 lbs. (1,642 g) including keyboard  Surface Book 2 15" PixelSense™ Display Intel® Core™ quad-core i7: Starting at 4.2 lbs. (1,905 g) including keyboard	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 training session to transfer data and optimize performance.

#### **Surface Studio 2 for Business**

Where creativity begins

Your ideas at light speed

Create in new ways

Designed to inspire

Do more with hardware and software built together



### Surface Studio 2 for Business | 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)
Weight	21 lbs. max (9.56 kg max)
Storage <sup>1</sup>	1TB or 2TB solid-state drive (SSD)
Memory	16GB or 32GB (DDR4)
Processor	Intel® Core® 7th Generation i7-7820HQ
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: 802.11ac Wi-Fi wireless networking, IEEE 802.11 a/b/g/n compatible Bluetooth Wireless 4.0 technology Xbox Wireless built-in <sup>2</sup>
External 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 for Business 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 Store	30-day return policy 90 days of free technical phone support 12 months in-store support and technical assistance <sup>3</sup> 1 free 60-minute training session <sup>4</sup>

### Surface Laptop 2 for Business

The ultimate laptop

More performance to power productivity

Style you can take with you

A creative touch

Do more with hardware and software built together



# **Surface Laptop 2 for Business | specifications**

Dimensions	12.13" x 8.79" x .57" (308.1 mm x 223.27 mm x 14.48 mm)	Storage <sup>2</sup>	Solid-state drive (SSD) options: 128GB, 256GB, 512GB, or 1TB
Display	Screen: 13.5" PixelSense™ Display Resolution: 2256 x 1504 (201 PPI) Aspect ratio: 3:2 3.4 million pixels Surface Pen* enabled Touch: 10-point multi-touch Corning® Gorilla® Glass 3	Battery life	Up to 14.5 hours of local video playback <sup>1</sup>
Memory	8GB or 16GB RAM	Graphics	Intel® UHD Graphics 620 (i5) Intel® UHD Graphics 620 (i7)
Processor	Intel® Core™ 8th Gen i5-8350U or i7-8650U	Connections	1 x full-size USB 3.0 3.5 mm headphone jack Mini DisplayPort 1 x Surface Connect port Compatible with Surface Dial off-screen interaction*
Security	TPM 2.0 chip for enterprise security Enterprise-grade protection with Windows Hello face sign-in	Cameras, video, and audio	Windows Hello face authentication camera (front-facing) 720p HD camera (front-facing) Stereo microphones Omnisonic Speakers with Dolby® Audio™ Premium
Software	Windows 10 Pro 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
Sensors	Ambient light sensor	Exterior	Casing: Aluminum Colors: Burgundy, Platinum, Cobalt Blue, Black <sup>3</sup> Physical buttons: Volume, Power
What's in the box	Surface Laptop 2 for Business Power Supply Quick Start Guide Safety and warranty documents	Warranty	1-year limited hardware warranty Advanced Exchange warranty service included at no additional cost <sup>4</sup>
Weight	i5 2.76 lbs. (1,252 grams) i7 2.83 lbs. (1,283 grams)	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 <sup>5</sup> 1 free 60-minute training session <sup>6</sup>

#### **Surface Go for Business**

Portable power

Laptop-to-tablet flexibility that goes anywhere

Powers full feature desktop software

Sleek, modern, and compact

Makes the most of Microsoft 365



# Surface Go for Business | specifications

Display	10" PixelSense™ Display, Resolution: 1800 x 1200 (217 PPI) Touch: 10-point multi-touch Aspect ratio 3:2 Contrast ratio: 1500:1 Corning® Gorilla® Glass 3
Dimensions	9.65" x 6.9" x 0.33" (245mm x 175mm x 8.3mm)
Weight	Wi-Fi: 1.15 lbs. (522g) LTE Advanced: 1.17 lbs. (532g) Note: Weight not including Type Cover*
Processor	Intel® Pentium® Gold Processor 4415Y
Memory	4GB or 8GB RAM
Graphics	Intel® HD Graphics 615
Storage <sup>1</sup>	eMMC drive: 64GB (Wi-Fi)
	Solid-state drive (SSD): 128GB (Wi-Fi or LTE); 256GB (LTE)
Battery life <sup>2</sup>	Up to 9 hours of battery life for local video playback Up to 8.5 hours of battery life for local video playback with LTE Advanced
Security	TPM 2.0 for enterprise security 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 <sup>6</sup> 1 free 60-minute training session <sup>7</sup>

Software	Windows 10 Pro configurable to S Mode <sup>3</sup> 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) <sup>4</sup>	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, 41,66) GPS / GLONASS: Standalone and assisted GNSS, accuracy up to 3 meters
Sensors	Ambient light sensor Accelerometer Gyroscope Magnetometer
Connections	1 x USB-C™ 1 x Surface Connect port 3.5 mm headphone jack 1 x microSDXC card reader Surface Type Cover Port <sup>5</sup>
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 for Business (Wi-Fi or with LTE Advanced) Power Supply Quick Start Guide Safety and Warranty documents
Warranty	1-year limited hardware warranty