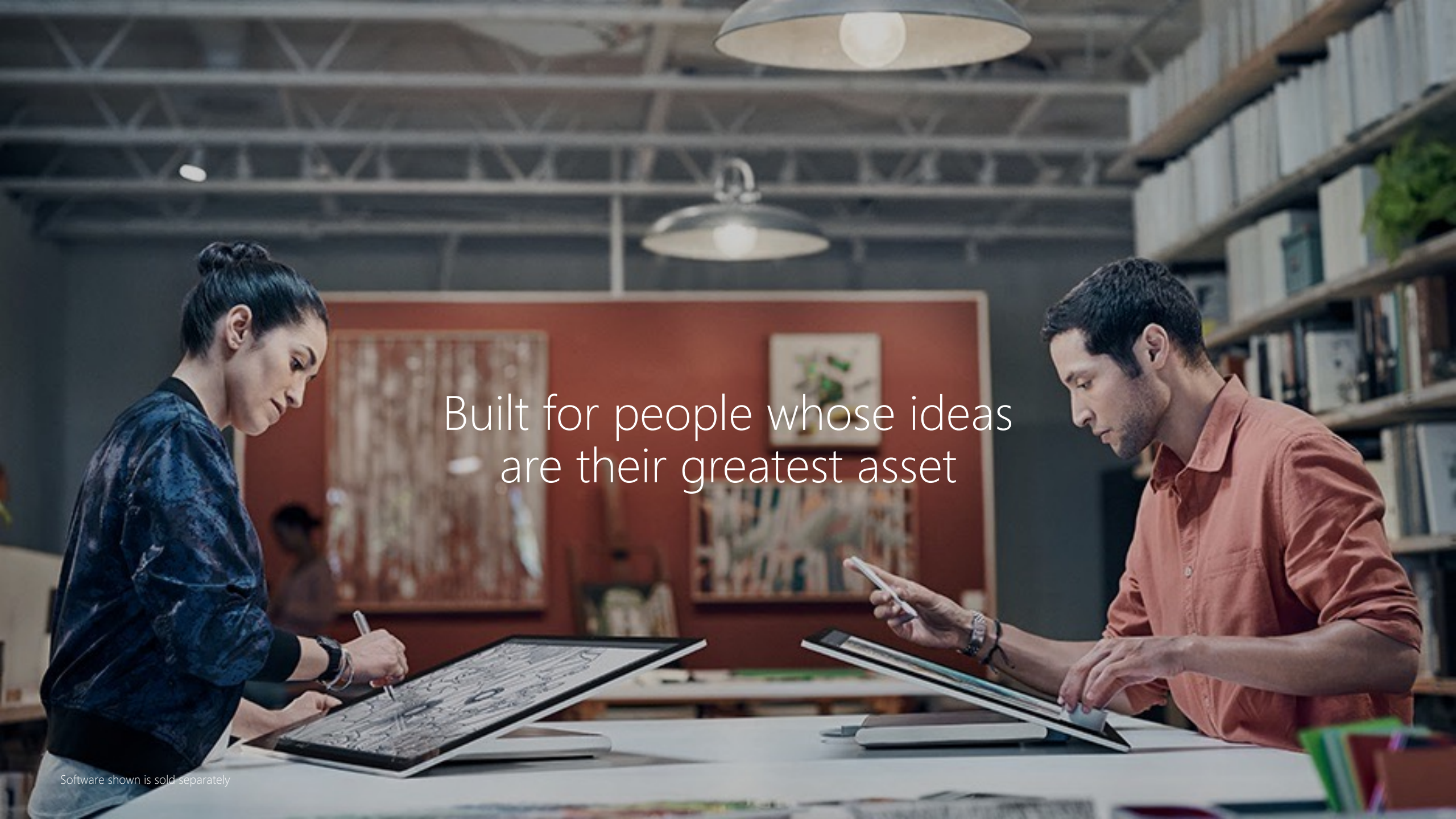




# Microsoft Surface Studio

Turn your desk into a Studio




A man and a woman are working in a modern office or studio. The woman, on the left, is wearing a dark blue patterned jacket and is focused on drawing on a large tablet. The man, on the right, is wearing an orange shirt and is looking at a tablet while holding a smartphone. They are both sitting at a white table. In the background, there are bookshelves filled with books, a red wall with a framed picture, and two large pendant lights hanging from the ceiling.

Built for people whose ideas  
are their greatest asset

Software shown is sold separately





"Every single one of us is a creator. This is a new way to create, a new way to work."

Panos Panay











The most creative  
device on the planet



Effortlessly transforms  
from desktop to studio

Professional-grade  
power and performance

A brilliant screen  
for your ideas

Meticulously crafted

Surface Dial is sold separately





## Effortlessly transforms from desktop to studio

- Unprecedented versatility with a screen that adjusts weightlessly to your working style.
- Use touch and Surface Pen to visualize, interact with, and develop content as naturally as pen on paper.
- Reinvent the way you create with a unique set of tools: Surface Pen, Surface Dial, and Windows Ink.



# Professional-grade power and performance



6<sup>th</sup> generation Intel® Core™ processors and discrete NVIDIA GeForce® GTX GPU.

---

Runs professional-grade software like SolidWorks, Solid Edge, and Adobe with unique tools like Surface Pen and Surface Dial.

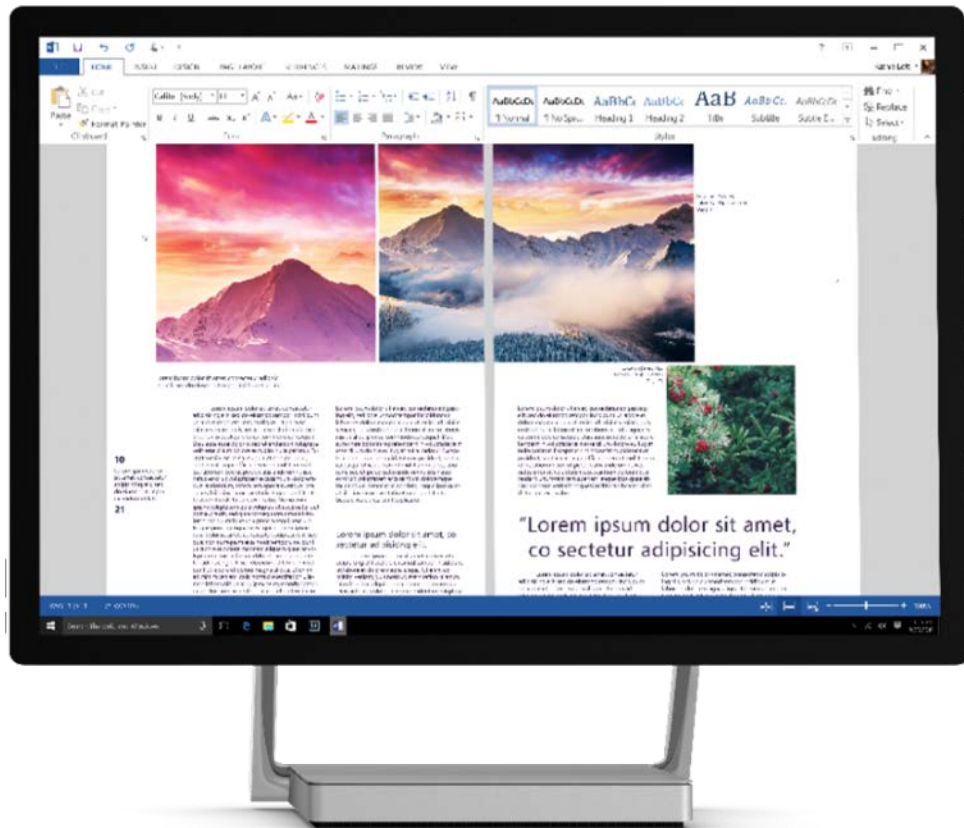
---

Enterprise-grade facial recognition with Windows Hello logs you in quickly and more securely.

---

Scale to your enterprise using existing investments in Windows 10.

# A brilliant screen for your ideas



Software shown is sold separately

Strikingly large and incredibly thin,  
with a 28" adjustable PixelSense™ display.

13.5 million pixels of true-to-life color and clarity.

Video calls that feel like face-to-face meetings.

3:2 aspect ratio is great for editing documents,  
reading, or collaborating with co-workers.



# Meticulously crafted

- Minimal design complements the modern office, with clean lines and a small footprint.
- Counterbalanced hinge moves the display weightlessly from Desktop Mode to Studio Mode with one hand.
- The thinnest LCD monitor ever built.
- Highest color accuracy in its class.
- The first desktop computer with pen and touch.

Surface Dial is sold separately



# Ready for anything



Magnetic Pen Storage

USB 3.0

Ethernet

3.5mm Audio Out

Full-size SD Card Slot

Mini Display Port

Speakers

Power

Volume Up/Down


HD Camera

Privacy Light

Microphone Array

Windows Hello Infrared Camera



A man with short dark hair, wearing a dark blue sweater over a checkered shirt, is seated at a dark desk. He is pointing with a silver pen at a large, tilted monitor. The monitor displays a website with several landscape photographs, including a mountain and a car. On the desk, there is a white keyboard and a white mouse. To the right of the monitor, there is a copper-colored vase and some black geometric objects. The background is a blurred office or home setting with large windows.

The perfect  
device for your  
people of action

Software shown is sold separately



## For leaders

The C-suite is all about strategy and big thinking

Surface Studio makes it a more immersive environment, where leaders can:

- Collaborate better than ever; video calls feel like face-to-face meetings.
- View multiple apps simultaneously for more informed decision-making.
- Sign documents on screen to action changes faster.
- Be productive with familiar workplace tools like Office.

Professional software runs smoothly on Windows 10, which fully integrates with your existing IT infrastructure.

And Studio Mode brings creative applications to life with Surface Pen and Surface Dial.



# For engineers

Digital images and designs require absolute on-screen precision

Surface Studio is built specifically to enhance engineering workflows:

- 28" PixelSense™ display to show every detail.
- Space to run four full-sized apps side by side.
- Folds down to the optimal angle for drawing on screen.
- Runs pro-grade engineering apps like SolidWorks and Autodesk.
- Surface Pen lets you draw on screen with the feel of pen and paper.
- Surface Dial gives you a new way to manipulate objects on screen.





Software shown and Surface Dial are sold separately

## For creatives

Surface Studio provides a totally unique environment for creatives to work.

As a workstation in Desktop Mode, it has the power to run professional apps. But in Studio Mode, it enters uncharted territory:

- Fold down the display into an elegant drafting table.
- Use Surface Pen in one hand to sketch, draw, annotate, and conceptualize.
- Hold Surface Dial in the other hand to open up menus and refine your creations.



# Accessories







## Comes to life with Surface Pen

Work naturally with touch and pen

The PixelSense™ display lets you select, zoom, and move things around naturally on screen with your fingers.

Then, when you want an authentic writing or drawing experience, pick up the Surface Pen—optimized to detect 1024 points of pressure.

# Surface Dial

A new tool for the creative process

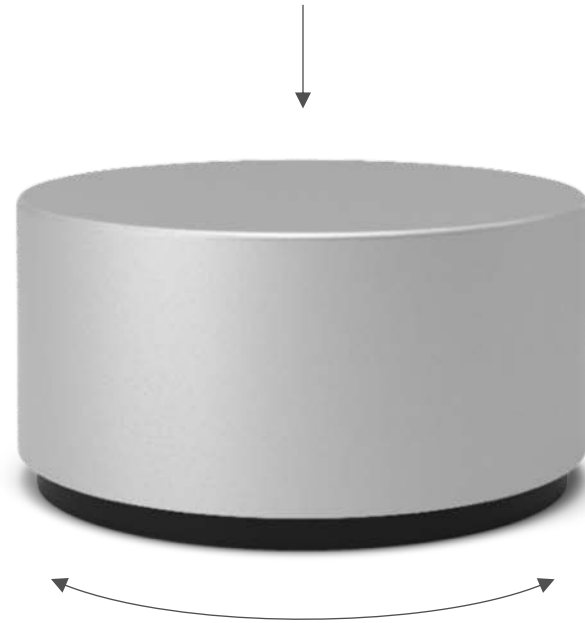
- Designed to transform the way you create.
- Immerse yourself in your work.
- Transition seamlessly through tasks.
- Stay in your flow.

Surface Dial is sold separately



# Surface Dial features & benefits

Intuitive design that requires only three simple gestures: press & hold, click, and rotate.



Haptic  
feedback

Bluetooth-  
enabled

Pre-loaded  
Global Controls\*

Customizable controls and  
custom app integrations

Compatible with devices  
running Windows Anniversary

1 year Surface  
warranty

\*Includes: media controls (volume, mute/unmute, pause/play, next/previous), scroll, zoom, undo\redo, screen brightness, narrator.



# Compatibility & Usage

Surface Dial is compatible with any PC, laptop, and tablet running Windows 10 Anniversary Update...

... while **on-screen interaction** (with Surface Studio) enables a slightly larger radial menu, as well as select app features\*.



Compatible Surface devices

Studio | Book | Pro 4



Compatible Surface device

Studio

\* Microsoft allows any app developer to create custom experiences for Surface Dial users. Some custom experiences to date are enabled only through on-screen interaction with Surface Studio. Surface Dial is sold separately.

# Surface Dial scenarios and apps



Bluebeam, Inc. - Bluebeam Revu

Place Surface Dial on screen and use its location to split screen and zoom to magnify a portion of your PDF for enhanced detail and navigation. Or, press and hold for access to panels and tool chests to select annotations and review your markups list.

Drawboard - Drawboard PDF

Use Surface Dial to draw perfectly ruled lines at perfect angles, use a calibrated protractor to accurately complete line and area measurements, or freely rotate a single page to suit your writing position.

Mental Canvas - Mental Canvas Player

Rotate Surface Dial to move through an immersive 3D drawing along the artist's bookmarked views, click to play the animation, and click again to pause when you want to further explore the scene.

Microsoft Corporation - Groove Music

In addition to controlling things like volume and next track, you can also use Surface Dial to fine-tune scrub through the currently playing song, which will play audio snippets as you rotate to help you find the chorus or that perfect drum solo.

Microsoft Corporation - Windows Maps

Zoom in. Zoom out. Rotate your map for a different perspective. Simply click to spin the map automatically, or rotate Surface Dial to tilt in 3D with precision.

Microsoft Research - Plumbago

Quickly choose an active color palette and take advantage of the drawing tool's active color selection. Surface Dial also lets you pan the drawing canvas or change the pen's active behavior without touching the screen.

Silicon Benders LLC - Sketchable

Surface Dial gives you quick and intuitive access to the brush settings you use most. Make fast and fluid color adjustments, and rotate or scale your canvas to achieve a finer level of control.

Smith Micro Software, Inc. - Moho™ 12

Rotate Surface Dial to move back and forth in the timeline, click to play/stop or add new frames, rotate and zoom your canvas, adjust stroke width for drawing operations, and control Smart Bones™.

Spotify AB - Spotify

Use Surface Dial and Spotify together to control music playing in the background, while using an active app in the foreground — all without interrupting your workflow. Also, lets you adjust volume and change tracks.

StaffPad Ltd - StaffPad

Compose with a mode created just for Surface Dial. Click to play/stop, or rotate left and right to rewind/fast-forward your score. Use Surface Dial as a music stamp or place on screen for quick access to symbols.



# Surface Studio scenarios and apps



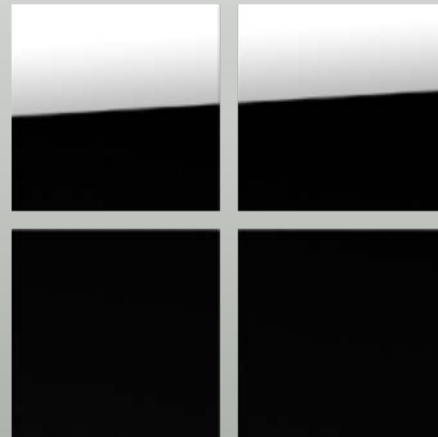
Target	Display (PixelSense™ and resolution)	Versatility (Touch, Pen and Dial)	Performance (Multitasking and dGPU)	Design (Thin display and clean AIO)
Lead: Creators	<ul style="list-style-type: none"> <li>Enhance photography with Adobe Photoshop Lightroom CC</li> <li>Design amazing images with Adobe Photoshop CC</li> <li>Create beautiful vector art with Adobe Illustrator CC</li> <li>View and explore 3D content with <a href="#">Mental Canvas Player</a></li> <li>Tour the world using aerial view with <a href="#">Windows Maps</a></li> </ul>	<ul style="list-style-type: none"> <li>Paint a masterpiece using Color Picker with <a href="#">Sketchable</a></li> <li>Write revolutionary music using Compose mode with <a href="#">StaffPad</a></li> <li>Draw effortlessly using pen thickness and on-screen ruler with Sketchpad</li> <li>Use 'Ink Replay' that rivals pen and paper with <a href="#">OneNote</a> in Studio Mode</li> <li>Draw and paint naturally on a massive canvas with <a href="#">Autodesk SketchBook</a></li> </ul>	<ul style="list-style-type: none"> <li>Make visually stunning videos with Adobe Premiere Pro CC</li> <li>Control music playing passively in the background with Spotify</li> <li>Race customized cars on distinctive courses with <a href="#">Forza Horizon 3</a></li> <li>Fast boot-up time with 2TB of storage including SSD and spinning disk</li> <li>Collaborate and share work in Studio Mode with Surface Pen and Dial</li> </ul>	<ul style="list-style-type: none"> <li>Highlight its thin profile and grip release cord for easy movability</li> <li>Move display from upright, down to Studio Mode with one hand</li> <li>Showoff Surface Pen with precision ink, eraser and palm rejection</li> <li>Bring up tools menu with Surface Dial on-screen in Studio Mode</li> <li>Emphasize its no-belly display and ultra-thin screen at just 12.5 mm</li> </ul>
Secondary: Executives, STEM	<ul style="list-style-type: none"> <li>Collect and organize data into rich visuals with <a href="#">Power BI</a></li> <li>Visually organize thoughts in one place with <a href="#">Mural</a></li> </ul>	<ul style="list-style-type: none"> <li>Edit, markup, and collaborate on PDFs with Bluebeam Revu</li> <li>Write on and turn true to scale pages with Microsoft Word</li> </ul>	<ul style="list-style-type: none"> <li>Create 2D drawings and intuitive 3D design with SolidWorks</li> <li>Use and switch between email, web, spreadsheets and video with Office</li> </ul>	<ul style="list-style-type: none"> <li>A statement piece on an executive's desk with accessories</li> <li>Connect seamlessly to other devices with multiple ports</li> </ul>



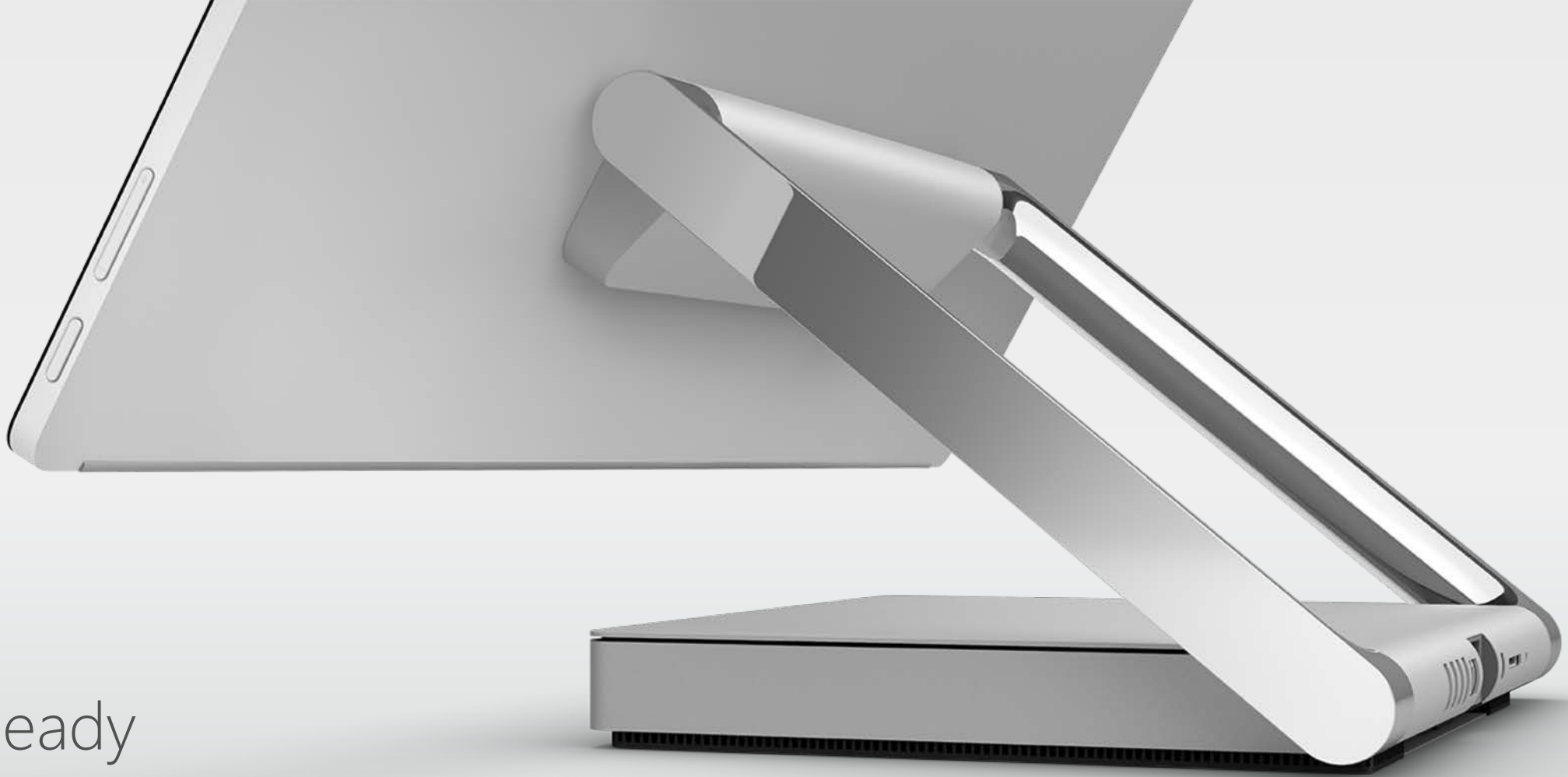
# Surface Mouse and Surface Keyboard

- Engineered and designed to perform as beautifully as your Surface.
- Connect your Surface Mouse without wires and get going immediately with the latest Bluetooth Smart technology.
- Complements Surface Studio perfectly with its ultra-thin, soft grey, modern profile.
- Type, swipe, drag, drop, zoom, and click from one place with a full-sized wireless keyboard with built-in number pad.
- Enjoy robust, responsive typing with soft-touch keys.
- Control music and videos with easily accessible media keys.





Enterprise Ready



# Surface Studio technical specifications

<b>Display</b>	Screen: 28" PixelSense™ display Resolution: 4500 x 3000 (192 DPI) Color settings: Adobe sRGB, DCI-P3 and Vivid Color Profiles, individually color calibrated Touch: 10-point multi-touch Aspect ratio: 3:2 Surface Pen Zero Gravity Hinge
<b>Cameras</b>	Windows Hello <sup>2</sup> face sign-in camera 5.0MP front-facing Skype HD Camera with 1080p video
<b>Dimensions and weight</b>	Display: 637.35 mm x 438.90 mm x 12.5mm / 25.1" x 17.3" x 0.5" Base: 250.00 mm x 220.00 mm x 32.20 mm / 9.5" x 8.7" x 1.3" Weight: 9.56 kg max / 21 pounds max
<b>Wireless</b>	Wifi: 802.11ac Wifi wireless networking, IEEE 802.11 a/b/g/n compatible Bluetooth: Bluetooth 4.0 wireless technology Xbox Wireless built-in <sup>4</sup>
<b>Security</b>	Trusted Platform Module chip for enterprise security Enterprise-grade protection with Windows Hello <sup>2</sup> face sign-in

<b>Connections and expansions</b>	4 x USB 3.0 Full-size SD card reader (SDXC compatible) Mini DisplayPort 3.5mm headset jack Compatible with Surface Dial on-screen interaction <sup>3</sup> 1 Gigabit Ethernet port
<b>Audio</b>	Dual microphones Stereo 2.1 speakers with Dolby® Audio Premium 3.5mm headset jack
<b>What's in the box</b>	Surface Studio Surface Pen Surface Keyboard Surface Mouse Power cord with Grip Release Cable
<b>Buttons and keyboard</b>	Physical buttons: Volume and power Surface Pen Surface Keyboard Surface Mouse

Links:

[Surface Studio overview](#)

[Surface for business](#)

<sup>1</sup> System software uses significant storage space. Available storage is subject to change based on system software updates and apps usage. 1 TB = 1000 GB. 1 GB = 1 billion bytes. See [Surface.com/storage](https://surface.com/storage) for more details.

<sup>2</sup> Windows Hello requires specialized hardware, including fingerprint reader, illuminated IR sensor, or other biometric sensors.

<sup>3</sup> Surface Dial sold separately

<sup>4</sup> Xbox Wireless controller sold separately



# Surface Studio competitive landscape



## Advantages vs. iMac 27" with Retina



Faster than iMac

Graphics performance 3DMark

More versatile than iMac

Transforms from desktop into a studio

Surface Pen and Surface Dial

Draw, sketch with Surface Pen and Surface Dial

Multi-point touchscreen

Display that reacts to your lightest touch

## Advantages vs. Cintiq 27QHD Pen & Touch

PixelSense™ Display

13.5M vs 3.7M pixels

No additional HW needed

Comes with powerful processor and GPU

Innovative design

Zero-Gravity Hinge with adjustable angles

Stunning looks

Premium Design



# Surface Studio side by side comparison




	27-inch iMac with Retina 5K display
Display	27" Retina 5K display (5120 x 2880) 217 DPI
Processor	6th Generation Intel Core i5 or i7 (Skylake-H)
Memory	8/16/32GB of 1867Mhz DDR3 RAM memory
Graphics	AMD R9 M380 2GB GDDR5 AMD R9 M390 2GB GDDR5 AMD R9 M395 2GB GDDR5 up to M395X 4GB GDDR5
Storage	Fusion Drive SDD+HDD, 128SDD +1/2/3 TB HD or 256/512/1TB SDD (flash storage)
Stand	Fixed stand
Pen/Touch	Magic Mouse 2 (incl.), supports multi-touch and gesture No touch display
Other	Face Time HD camera, 4xUSB-3, 2xThunderbolt 2 (Mini DP), SDXC, RJ45
Purchase drivers	<ul style="list-style-type: none"> <li>o Retina Display</li> <li>o Design</li> <li>o Performance</li> <li>o AIO that works</li> </ul>

	Microsoft Surface Studio
Display	28" PixelSense™ 4.5K (4500 x 3000) 192 DPI
Processor	6th Generation Intel Core i5 or i7 (Skylake-H)
Memory	16/32GB of 2133Mhz DDR4 RAM memory
Graphics	NVIDIA GeForce GTX 965M 2GB GDDR5 NVIDIA GeForce GTX 980M 4GB GDDR5
Storage	(Hybrid) Drive SDD+HDD, 64/128 SDD +1/2TB HD
Stand	Weightless stand (Zero-Gravity Hinge, 90° to 20° angles)
Pen/Touch	Surface Pen (incl.) 10 point multi-touch display
Other	1080p Web camera, Face recognition camera, 4x USB-3, Mini Display port, SD Card, RJ45
Purchase drivers	<ul style="list-style-type: none"> <li>o PixelSense™ Display</li> <li>o Design</li> <li>o Performance</li> <li>o Studio Mode</li> <li>o Surface Pen and Dial</li> </ul>

	Cintiq® 27QHD Creative Pen & Touch Display
Display	27" QHD (2560 x 1440) 109 DPI
Processor	N/A
Memory	N/A
Graphics	N/A
Storage	N/A
Stand	Built-in stand, 5° without legs or 20° with legs
Pen/Touch	Pro Pen (incl.) with 2 buttons and tilt detection Multi-touch
Other	5 x USB-3, DP, HDMI, ExpressKey™ Remote
Purchase drivers	<ul style="list-style-type: none"> <li>o De facto pro creative display</li> <li>o Accessories that support work flow</li> <li>o Attached to desktop that provides more power</li> <li>o PC part can be updated</li> </ul>

# Surface Studio approved accolades

Outlet	Notes and Approval Specifics	Author	Story Headline	Quotes
Business Insider	Business Insider requires approval and review of assets Attribution required: quote: Date of the article, name of publication	Steve Kovach	<a href="#">To everyone calling Microsoft's new computer an iMac: You're wrong</a>	"The Studio isn't a computer. It's an entirely new computing category, a sort of desktop-tablet hybrid that already has people excited. And it's new proof that Microsoft, once derided as boring and out of touch, has become one of the most innovative companies in tech."  Approval for entire quote and usage of a short excerpt: "The Studio isn't a computer. It's an entirely new computing category"
ZDNet	ZDNet requires approval and review of assets Attribution required: Date of the article, name of publication	ZDNet	<a href="#">Microsoft's Surface Studio: The newest member of Microsoft's device family</a>	"The Surface Studio can fold down so that the 13-pound display itself can act like a near-flat user's desk. It can be used for drawing, typing, drafting, and other tasks thanks to a 'zero-gravity hinge.'"
CNET/Yahoo!	CNET requires approval/review of assets Attribution required: Date of the article, name of publication	CNET	<a href="#">The Surface Studio is Microsoft's iMac killer</a>	"The Surface Studio is Microsoft's first-ever desktop PC, and its 28-inch reclining touchscreen is something Apple's iMac just can't match."
Washington Post	Washington Post requires approval and review of assets Attribution required: Date of the article, name of publication	Hayley Tsukayama	<a href="#">How Apple lost last week to Microsoft</a>	"Microsoft has made Apple look like the square, after lifting the veil on a 28-inch touch screen all-in-one desktop called the Surface Studio that immediately had tech enthusiasts drooling. Over a desktop."  "Microsoft did a good job of framing its incorporation of touch with the Studio as expansive, liberating, and a universal way to unlock potential."
CNET	CNET requires approval and review of assets Attribution required: Date of the article, name of publication	Dan Ackerman	<a href="#">Microsoft Surface Studio review: Pricey Surface Studio can teach iMac a few good tricks</a>	"Microsoft's totally new Studio and Surface Dial provided a stark, inventive contrast, especially for graphic designers, artists and video editors who scooped up new Macs without question in years past."
Penny Arcade	Contact Rodolfo Forster (rodolfo.forster) for approval of assets Attribution required: Date of the article, author, name of publication	Gabe	<a href="#">The Surface Studio!</a>	"...Surface Studio is without a doubt the best digital drawing experience I have ever tried."  "...you have made my dream computer."  "If you draw on computers the Surface Studio is something very special."
Resource Mag	Contact Rodolfo Forster (rodolfo.forster) for approval of assets Attribution required: Date of the article, author, name of publication	Jaron Schneider	<a href="#">Take a Look at Microsoft's New Surface Studio, A Touchable Totally Immersive Digital Workspace</a>	"The Surface Studio is a huge, beautiful computer workspace that looks... well, let's just say I'm full of a lot of "want" right now."  "Surface Studio's unique ability to transform adjusts to every step of your creative process."
Popular Photography 	Contact Rodolfo Forster (rodolfo.forster) for approval of assets Attribution required: Date of the article, name of publication No permission to use logo	Stan Horaczek	<a href="#">Microsoft Surface Studio Is A 28-Inch Touch-Enabled All-In-One Computer For Creatives</a>	"At first glance, it looks rather incredible."



# Surface Dial tech specs



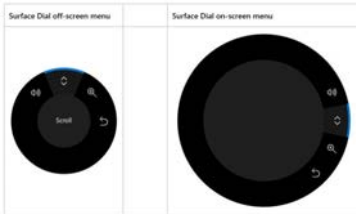
Surface Dial

Compatibility	Surface Pro 4, Surface Book, Surface Studio Operating System: Windows 10 Anniversary update and later	Weight	5.11 oz. (145 g) with 2 batteries
Connector type	Bluetooth 4.0 LE Touchscreen detectable (Surface Studio only)	Battery	2 AAA Alkaline batteries (included)
Color	Magnesium	In the box	Surface Dial Batteries Quick start guide Safety and warranty guide
Dimensions	Accessory diameter: 2.32" (59 mm) Accessory height: 1.18 (30 mm) Base diameter: 2.13" (54 mm) Base height: 0.16" (4 mm)	Warranty	1-year limited warranty

# Surface Dial developer resources

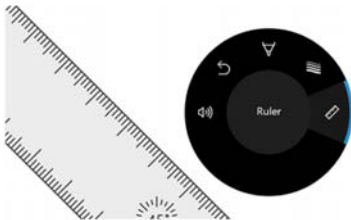
## [Introducing Surface Dial](#)

New input modes mean new experiences for your users.



## [Surface Dial Interactions](#)

Windows Wheel devices, like Surface Dial, are a new category of input that enable compelling and unique user interaction experiences for Windows and Windows apps.



## [RadialController APIs](#)

Click through here for documentation for the RadialController class.

## Surface Dial Idea Book

*Interested? Email Avi Negrin (anegrin)*



## [RadialController Sample for UWP](#)

This sample shows how to use the RadialController class for UWP to create custom menu items for a Surface Dial device, control the haptic feedback and configure the default system items.



## [RadialController Sample for Win32](#)

This sample shows how to use the RadialController class for Win32 to create custom menu items for a Surface Dial device, control the haptic feedback and configure the default system items.

# Surface Enterprise Initiative

## Distribution and deployment

Global distribution partnerships

Multi-national resellers

Surface as a Service

## Applications and solutions

Industry-specific solutions

App development acceleration

Value-added offers

## Services and more support

Configuration and deployment services

Enhanced replacement and exchange service

Logistics and warehousing solutions

Next-generation services and support





# Protect your investment and maximize productivity

Extend the life of your Surface with Microsoft Complete. Enjoy three years' extended coverage, accident protection, and expert support for your company's Surface devices.

1. Faster device replacement
2. Flexible company-wide device management
3. Improved warranty support



# Microsoft Complete for Surface Studio

	Standard Warranty	Complete for Consumer	Complete for Business
MSRP	OEM	\$399	\$499
Plan length	1 year	2 years	2 years
Deductible	None	None	None
Accidental damage	N/A	✓	✓
Software support	Basic phone support	Direct number to expert agents	Direct number to expert agents
On-site service	3–5 business days	2–3 business days	Same day
Hardware replacement	5–7 business days (shipped to customer)	2–3 days w/ technician setup	2–3 days w/ technician setup
Number of on-site visits per incident	1	1	Up to 2



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