

# Surface Hub 3 tech specs

Article • 09/21/2023 • Applies to: Surface Hub 3

Component	Description
Processor	Intel® i5
Graphics	iGPU
Memory and storage <sup>1</sup>	Memory: 32 GB Storage: 512 GB
Resolution	Surface Hub 50": 3840 x 2560 Surface Hub 85": 3840 x 2160
Display	<b>Surface Hub 50"</b> <ul style="list-style-type: none"><li>- PixelSense™ Display</li><li>- 3:2 aspect ratio</li><li>- 8-bit color</li><li>- 15.5mm border</li><li>- Anti-glare, IPS LCD</li><li>- In-cell Touch with 10 simultaneous touch points and two pens</li></ul> <b>Surface Hub 85"</b> <ul style="list-style-type: none"><li>- PixelSense™ Display</li><li>- 16:9 aspect ratio</li><li>- 8-bit color</li><li>- 30.5mm border</li><li>- Anti-glare, IPS LCD</li><li>- In-cell Touch with 20 simultaneous touch points and two pens</li></ul>
Size and Weight <sup>2</sup>	<b>Surface Hub 50"</b> <p><b>Height:</b> 29.2 in (741 mm) <b>Width:</b> 43.2 in (1097 mm) <b>Depth:</b> 3.0 in (76 mm) <b>Weight:</b> 61.6 lbs (28 kg)</p> <b>Surface Hub 85"</b> <p><b>Height:</b> 44.5 in (1130 mm) <b>Width:</b> 77.1 in (1959 mm) <b>Depth:</b> 3.4 in (85.6 mm) <b>Weight:</b> 185 lbs (84 kg)</p>
Security	Trusted Platform Module 2.0
Cameras	Microsoft Surface Hub Smart Camera <sup>3</sup> , 4K, custom USB-C® connection,

Component	Description
	<p data-bbox="496 163 724 197">136-degree HFOV</p>
Audio	<p data-bbox="496 237 707 271"><b>Surface Hub 50"</b></p> <ul data-bbox="496 322 1393 479" style="list-style-type: none"> <li>- 100 Hz-12 kHz range front-facing 3-way stereo speakers, including (6) front-facing mid-range, (3) front-facing tweeter and (1) rear bass drivers</li> <li>- 2x full band 8-element MEMS microphone arrays</li> <li>- Smart AV optimizes audio to Portrait or Landscape</li> </ul> <p data-bbox="496 530 707 564"><b>Surface Hub 85"</b></p> <ul data-bbox="496 616 1393 730" style="list-style-type: none"> <li>- 100 Hz-12 kHz range 3-way stereo speakers, including (4) front-facing mid-range, (2) front-facing tweeter and (1) rear bass drivers</li> <li>- Full band 8-element MEMS microphone array</li> </ul>
Ports	<p data-bbox="496 772 707 806"><b>Surface Hub 50"</b></p> <ul data-bbox="496 857 1134 1104" style="list-style-type: none"> <li>- (4) USB-C including two camera ports (on display)</li> <li>- (1) USB-A™ (on display)</li> <li>- RJ45 Gigabit Ethernet</li> <li>- Mini-DisplayPort™ Video Output*</li> <li>- HDMI Video Input**</li> <li>- USB-C with Alt-Mode DisplayPort Input**</li> </ul> <p data-bbox="496 1155 707 1189"><b>Surface Hub 85"</b></p> <ul data-bbox="496 1240 1031 1487" style="list-style-type: none"> <li>- (3) USB-C (on display)</li> <li>- (1) USB-A™ (on display)</li> <li>- RJ45 Gigabit Ethernet</li> <li>- Mini-DisplayPort™ Video Output*</li> <li>- HDMI Video Input**</li> <li>- USB-C with Alt-Mode DisplayPort Input**</li> </ul> <p data-bbox="496 1538 1198 1572">*Available when running Windows 10/11 Pro/Enterprise.</p> <p data-bbox="496 1576 1233 1610">**Available via Source button on underside of Surface Hub.</p>
Network and connectivity	<p data-bbox="496 1646 707 1680"><b>Surface Hub 50"</b></p> <ul data-bbox="496 1731 1094 1888" style="list-style-type: none"> <li>- Wi-Fi 5: IEEE 802.11ac (a/b/g/n/ac compatible)</li> <li>- Bluetooth® Wireless 5.1 technology</li> <li>- Gigabit Ethernet</li> <li>- Microsoft Teams Cast*</li> </ul> <p data-bbox="496 1939 707 1973"><b>Surface Hub 85"</b></p> <ul data-bbox="496 2024 1094 2139" style="list-style-type: none"> <li>- Wi-Fi 5: IEEE 802.11ac (a/b/g/n/ac compatible)</li> <li>- Bluetooth® Wireless 5.1 technology</li> <li>- Gigabit Ethernet</li> </ul>

Component	Description
	<ul style="list-style-type: none"> <li>- Microsoft Teams Cast*</li> </ul> <p>*For additional information on casting content to Microsoft Teams Rooms, visit <a href="#">Microsoft Support</a> .</p>
<b>Pen &amp; accessories compatibility</b>	<ul style="list-style-type: none"> <li>- Active, dual-pen inking support</li> <li>- Microsoft Surface Hub Pen<sup>4</sup> (active)</li> <li>- Microsoft Surface Slim Pen, Microsoft Surface Slim Pen 2</li> <li>- Compatible with Microsoft Teams Rooms certified peripherals</li> </ul>
<b>Software</b>	<ul style="list-style-type: none"> <li>- Windows 11 IoT Enterprise with the Microsoft Teams Rooms on Windows experience</li> <li>- Configurable to Windows 11 Pro/Enterprise*</li> </ul> <p>*Software license and image required. Sold separately. To learn more, see <a href="#">Migrate to Windows 10/11 Pro or Enterprise on Surface Hub</a>.</p>
<b>Accessibility</b>	<ul style="list-style-type: none"> <li>- Compatible with height-adjustable, mobile stands*</li> <li>- Includes Teams Accessibility Features – Learn More <a href="#">Accessibility Features</a></li> <li>- Discover more Microsoft Accessible Devices &amp; Products - <a href="#">Accessible Devices &amp; Products for PC &amp; Gaming</a></li> </ul> <p>*Sold separately.</p>
<b>Serviceability</b> <sup>5</sup>	<p>User-replaceable components include:</p> <ul style="list-style-type: none"> <li>- Modular compute cartridge with removable SSD</li> <li>- Surface Hub Smart Camera</li> <li>- Surface Hub Pens</li> </ul>
<b>Exterior</b>	<p>Casing: Precision machined aluminum with mineral-composite resin  Color: Platinum  Physical Buttons: Power, Volume, Source</p>
<b>Sensors</b>	<p><b>Surface Hub 50"</b></p> <ul style="list-style-type: none"> <li>- Doppler occupancy sensor</li> <li>- Accelerometer</li> <li>- Gyroscope</li> </ul> <p><b>Surface Hub 85"</b></p> <ul style="list-style-type: none"> <li>- (2) Doppler occupancy sensor</li> </ul>
<b>What's in the box</b>	<p><b>Surface Hub 50"</b></p> <ul style="list-style-type: none"> <li>- (1) Surface Hub 50"</li> <li>- (1) Surface Hub Smart Camera</li> </ul>

Component	Description
	<ul style="list-style-type: none"> <li>- (1) Surface Hub Pen</li> <li>- 3m AC Power Cable</li> <li>- Quick Start Guide</li> </ul> <p style="text-align: center;"><b>Surface Hub 85"</b></p> <ul style="list-style-type: none"> <li>- (1) Surface Hub 85"</li> <li>- (1) Surface Hub Smart Camera</li> <li>- (2) Surface Hub Pen</li> <li>- 4m AC Power Cable</li> <li>- Quick Start Guide</li> </ul>
<b>Warranty</b> <sup>6</sup>	1-year limited hardware warranty

## References

1. 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. 1 TB = 1,000 GB. See [Surface.com/Storage](https://www.microsoft.com/surface/storage) for more details.
2. Size and weight vary by configuration and manufacturing process.
3. Formerly known as the Surface Hub 2 Smart Camera.
4. Formerly known as the Surface Hub 2 Pen.
5. Customer Replaceable Units (CRUs) are components available for purchase through your Surface Commercial Authorized Device Reseller. Components can be replaced on-site by a skilled technician following Microsoft's [Service Guide](#) . Opening and/or repairing your device can present electric shock, fire and personal injury risks and other hazards. Use caution if undertaking do-it-yourself repairs. Device damage caused during repair will not be covered under Microsoft's Hardware Warranty or protection plans. Availability of replaceable components and service options may vary by market and/or at initial product launch.
6. Microsoft's Limited Warranty is in addition to your consumer law rights.