

# Meet Microsoft Surface Duo 2

Two screens, limitless possibilities



Open two screens and discover limitless possibilities in the moment, wherever you are, with lightning-fast 5G.<sup>1</sup> **Surface Duo 2** is more than a phone, with an expansive view that enables you to compare and contrast content across Microsoft 365 apps, work in two apps side-by-side, and naturally write ideas on screen.<sup>2</sup> On two screens, your email, meetings, Android apps, and calls are more immersive, so you can communicate, collaborate, and do everything better.



## Do more with two screens

Two screens unlock a new level of multitasking in Microsoft 365 apps. Draft an email while you reference your client's profile. Monitor real-time production and jot down insights side by side. See people in your Microsoft Teams video call on one screen and engage in the meeting chat on the other.



## Deploy, manage, and stay secure from anywhere

Unlock real value for your business with technology that empowers your employees to work securely from anywhere. Microsoft security is built in down to the firmware level, and cloud-based management keeps you in control. Rest easy knowing that you're working with an Android Enterprise Recommended device.



## Get it done fast with 5G

Get done what matters in the moment. Cloud-first Microsoft 365 apps and 5G connectivity mean you can pull the latest sales data from Power BI to finish that PowerPoint Presentation, meet in the best Microsoft Teams experience on mobile, and bring in an expert anytime with a Dynamics 365 Remote Assist video call.



## Designed to inspire your innovation

Two incredibly thin, high-resolution displays — brighter and larger than before — open to one expansive view with a Revolutionary Hinge, enabling countless ways to be productive. Work in apps side by side, like when you jot down notes with Surface Slim Pen 2 on one screen while taking a video call on the other.

## Technical Specifications

Dimensions	Open: 145.2 mm (H) x 184.5 mm (W) x 5.5 mm (T) Closed: 145.2 mm (H) x 92.1 mm (W) x 11.0 mm (T at hinge)	Weight <sup>1</sup>	284 grams
Display	Dual PixelSense™ Fusion Displays open: 8.3" AMOLED, 2688x1892 Single PixelSense™ Screen: 5.8" AMOLED 1344x1892 (13:9) 401 PPI HDR Wide color 100% sRGB, DCI-P3 Dual displays with 90Hz adaptive refresh rate 800 nits max brightness Display Material: Corning® Gorilla® Glass Victus™	Battery life <sup>2</sup>	Up to 15.5 hours of local video playback Up to 28 hours of talk time
Battery capacity <sup>3</sup>	4449mAh (typical) dual battery 4340mAh (minimum) dual battery	Battery charging	Fast Charging available using the Microsoft Surface Duo 2 23W USB-C® Power Supply*
Camera and video recording	<b>Dynamic triple lens rear-facing camera:</b> <ul style="list-style-type: none"> <li>Wide: 12MP, f/1.7 aperture, 27mm, 1.4µm, dual pixel PDAF and OIS</li> <li>Telephoto: 12MP, f/2.4 aperture, 51mm, 1.0µm, PDAF, OIS and 2X optical zoom in</li> <li>Ultra-Wide: 16MP, f/2.2 aperture, 13mm, 1.0µm, 110° diagonal field of view with distortion correction</li> <li>Front-facing Camera: 12MP, f/2.0 aperture, 24mm, 1.0µm</li> <li>Flash: Dual led - dual color flash</li> </ul> <b>Photos:</b> <ul style="list-style-type: none"> <li>Auto mode with low-light &amp; HDR multi-frame photo capture and dynamic range scene detection</li> <li>Dedicated night photography mode</li> <li>Smooth Zoom between all 3 Rear Facing Camera combined with digital super zoom up to 10x</li> <li>Portrait mode with adjustable depth control. Portrait mode supported for wide and tele camera. Machine learning used for portrait mode</li> <li>Panorama mode with wide dynamic range</li> <li>Capture short video during photo capture with long press</li> <li>Capture photos during video recording</li> </ul> <b>Video Recording:</b> <ul style="list-style-type: none"> <li>HDR Video</li> <li>4K video recording at 30 fps and 60 fps</li> <li>1080p video recording at 30 fps and 60 fps</li> <li>Slow motion video at 120 or 240fps</li> <li>HEVC H.265 and AVC H.264 video recording formats</li> </ul>	Network and connectivity	<b>WIFI:</b> WiFi-6 802.11ax (2.4/5GHz) <b>Bluetooth:</b> Bluetooth® 5.1 NFC for payments and provisioning  United States Only: <ul style="list-style-type: none"> <li>5G-NR NSA (mmWave): Release 15 DL 64 QAM up to 6 Gbps, 8xDL CA (800MHz), 2x2 MIMO</li> <li>5G-NR NSA (mmWave): Release 15 UL 64 QAM, 2xUL CA (200MHz), 2x2 MIMO</li> <li>5G-NR NSA (mmWave) Bands: n257, n260, n261</li> </ul> All countries including United States: <ul style="list-style-type: none"> <li>5G-NR NSA (Sub-6): Release 15 DL 256 QAM up to 3.2 Gbps, 2xDL CA (TDD+TDD), 4x4 MIMO</li> <li>5G-NR NSA (Sub-6): Release 15 UL 256 QAM</li> <li>5G-NR NSA (Sub-6) Bands: n1, n2, n3, n5, n7, n20, n25, n28, n38, n41, n66, n71, n77, n78, n79</li> <li>Gigabit LTE - A Pro Release 15 with 4x4 MIMO and LAA</li> <li>LTE DL Cat 20, 256 QAM up to 2Gbps, 5xDL CA</li> <li>LTE UL Cat 13, 64 QAM Contiguous 2X ULCA</li> <li>LTE Bands: 1, 2, 3, 4, 5, 7, 8, 12, 13, 14, 19, 20, 25, 26, 28, 29, 30, 38, 39, 40, 41, 42, 46, 48, 66, 71</li> <li>WCDMA: 1,2,5,8</li> <li>WCDMA: 1,2,5,8</li> <li>GSM/GPRS: GSM-850, E-GSM-900, DCS-1800, PCS-1900</li> <li>Location: GPS, Galileo, GLONASS, BeiDou, QZSS</li> </ul>
Video conferencing	Microsoft Teams and Skype video conferencing up to 1080p at 30fp	Countries and carrier compatibility <sup>4</sup>	Unlocked device for all carriers
Processor	Qualcomm® Snapdragon™ 888 5G Mobile Platform	SIM	<ul style="list-style-type: none"> <li>One eSIM<sup>5</sup> and one Nano SIM</li> <li>Unlocked for all carriers</li> </ul>
Storage and memory <sup>6</sup>	8GB DRAM LPDDR5 memory	Connections	USB-C® 3.2 Gen 2

### Disclaimer

<sup>1</sup>Sold Separately.

<sup>2</sup>Excluding Surface Duo Bumper.

<sup>3</sup>Local video playback: Testing conducted by Microsoft in September 2021 using preproduction Surface Duo 2 units and software. Testing consisted of full battery discharge during local video playback on a single screen. Video playback consisted of a repeated 30-minute .mp4 file in 1080p at 24 fps. Device was connected to a cellular network and Wi-Fi was associated with a network. All settings were default except: Wi-Fi 'ask to join' and Adaptive Brightness were disabled, and screen was set to 100 nits. Battery life varies significantly with network and feature configuration, signal strength, settings, usage, and other factors. Battery has limited recharge cycles and cannot be replaced.

<sup>4</sup>Talk time: Testing conducted by Microsoft in September 2021 using preproduction Surface Duo 2 units and software. All settings were default, and device was connected to a cellular network and Wi-Fi was enabled but not connected. Battery life varies significantly with network and feature configuration, signal strength, settings, usage and other factors. Battery has limited recharge cycles and cannot be replaced.

<sup>5</sup>Specified minimum dual battery capacity is 3462mAh.

<sup>6</sup>Network availability and coverage vary by carrier. See your carrier for details.

<sup>7</sup>Use of eSIM requires a wireless service plan (which may include restrictions on switching service providers and roaming, even after contract expiration). Not all carriers support eSIM. Use of eSIM in Surface Duo 2 may be disabled when purchased from some carriers. See your carrier for details.

<sup>8</sup>System software uses significant storage space. Available storage is subject to change based on system software updates and apps usage. 1 GB = 1 Gigabyte. 1 TB = 1,000 GB. See [Surface.com/Storage](#) for more details.

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Software <sup>7</sup>	<b>Microsoft built-in applications</b>	<ul style="list-style-type: none"> <li>Intune Company Portal</li> <li>LinkedIn</li> <li>Microsoft Authenticator</li> <li>Microsoft Bing Search</li> <li>Microsoft Edge</li> <li>Microsoft Lens - PDF Scanner</li> <li>Microsoft Office: Word, Excel, PowerPoint &amp; More</li> <li>Microsoft OneDrive</li> <li>Microsoft OneNote</li> <li>Microsoft Outlook</li> <li>Microsoft Start</li> <li>Microsoft Teams</li> <li>Microsoft To Do</li> <li>Surface</li> <li>Tips</li> <li>Xbox Game Pass</li> </ul> <p><b>Microsoft Surface Duo UI core features:</b></p> <ul style="list-style-type: none"> <li>App Groups</li> <li>Dual screen windowing</li> <li>Dynamic Dock</li> <li>Dynamic Triple-Lens Camera</li> <li>Microsoft 365 Feed</li> </ul>	<b>Other preinstalled apps:</b> <ul style="list-style-type: none"> <li>Span apps automatically</li> <li>Surface Duo Glance Bar</li> <li>SwiftKey Adaptive Keyboard</li> <li>Universal Search</li> <li>Your Phone Companion</li> </ul>	<b>Audio</b>	<ul style="list-style-type: none"> <li>Stereo speaker, Dual Mic AI-based noise suppression and acoustic echo cancellation optimized for productive use in all postures</li> <li>Best-in-class Full Duplex communication for voice calls in hands free mode, receiver and LRA</li> <li>Audio formats supported: 3GP, MP3, MP4, MKV, WAV, OGG, M4A, AAC, TS, AMR, FLAC, MID, MIDI, RTTL, RTX, OTA, IMY</li> <li>Qualcomm® aptX™ Classic, HD and TWS</li> <li>Hearing Aid Compatibility M4/T3</li> <li>Wake on Voice using Google Assistant</li> </ul>
	<b>Operating System: Android™ 11</b>				
Video playback	<p>Video Playback Formats: MKV, MOV, MP4, H.265(HEVC), AVI, WMV, TS, 3GP, FLV, 3G2, AVI, FLV, TS/M2TS, MKV, WEBM, 3GP/MPEG-4, HEIC/HEIF, ASF/WMV, MOV</p> <p>Wireless<sup>8</sup>: Chromecast and Miracast support</p> <p>Wired: DisplayPort over USB-C<sup>9</sup>. Supports video out when connecting via HDMI Adapter<sup>9</sup></p> <p>4K video out over USB-C when connecting via DisplayPort cable or HDMI Adaptor to external monitor</p>	<b>Exterior</b>			<ul style="list-style-type: none"> <li>Exterior Material: Corning® Gorilla® Glass</li> <li>Color: Glacier, Obsidian</li> </ul>
Security and authentication	<ul style="list-style-type: none"> <li>Biometric lock type: Fingerprint reader with enterprise grade security</li> <li>Lock type: Swipe, PIN, password</li> <li>Security applications pre-loaded on device: Microsoft Authenticator</li> </ul>	<b>Language support</b>			<ul style="list-style-type: none"> <li>Danish</li> <li>Dutch</li> <li>English (Australia)</li> <li>English (Canada)</li> <li>English (UK)</li> <li>English (US)</li> <li>Finnish</li> <li>French (Canada)</li> <li>French (France)</li> <li>German</li> <li>Italian</li> <li>Japanese</li> <li>Norwegian</li> <li>Polish</li> <li>Spanish (Spain)</li> <li>Spanish (US)</li> <li>Swedish</li> </ul>
What's in the box	<ul style="list-style-type: none"> <li>Surface Duo 2 for Business</li> <li>Surface Duo 2 USB-C<sup>®</sup> cable</li> <li>Quick Start Guide</li> <li>Warranty and Compliance Guide</li> <li>SIM Ejector tool</li> </ul>	<b>Pen and inking</b>			<ul style="list-style-type: none"> <li>Supports all in-market generations of Surface Slim Pen 2, Surface Slim Pen, Surface Pen, and Surface Hub 2 Pen<sup>10</sup></li> <li>Simultaneous Pen and touch are supported</li> </ul>
Sensors	<ul style="list-style-type: none"> <li>Dual Accelerometer</li> <li>Dual Gyroscope</li> <li>Dual Magnetometer</li> <li>Dual Ambient Light Sensor</li> <li>Dual Proximity Sensor</li> <li>Hall Sensor</li> <li>Fingerprint Sensor</li> </ul>	<b>Warranty<sup>10</sup></b>			1-year limited hardware warranty
Product safety	Your device contains magnets, which may damage objects such as credit cards, passbooks, access cards, boarding passes, or parking passes. Please keep a safe distance between your device and objects that are affected by magnets. Please review <a href="https://support.microsoft.com/en-us/help/4558037/product-safety-warnings-and-instructions">https://support.microsoft.com/en-us/help/4558037/product-safety-warnings-and-instructions</a> for important safety information about your device.				

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<sup>7</sup>Sold separately.

<sup>8</sup>Some apps and features may require a wireless plan, additional subscriptions, or fees.

<sup>9</sup>Wireless dependent on the TV/monitor support.

<sup>10</sup>Additional video playback formats can be supported by 3rd party applications from the Google Play Store.

<sup>10</sup>Microsoft's Limited Warranty is in addition to your consumer law rights.