

# Technical specifications | Surface Duo 2 for Business

<b>Dimensions</b>	Open: 145.2 mm x 184.5 mm x 5.5 mm (T) Closed: 145.2 mm x 92.1 mm x 11.0 mm (T at hinge)	<b>Camera &amp; video recording</b>	Dynamic triple lens rear-facing camera: Wide: 12MP, f/1.7 aperture, 27mm, 1.4µm, dual pixel PDAF and OIS Telephoto: 12MP, f/2.4 aperture, 51mm, 1.0µm, PDAF, OIS and 2X optical zoom in Ultra-Wide: 16MP, f/2.2 aperture, 13mm, 1.0µm, 110° diagonal field of view with distortion correction Front-facing camera: 12MP, f/2.0, 24mm, 1.0µm Flash: Dual led - dual color flash Photos: <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></ul> <b>Photos:</b> <ul style="list-style-type: none"><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>	<b>Network &amp; Connectivity</b>	WiFi: WiFi-6 802.11ax (2.4/5GHz) Bluetooth: Bluetooth® 5.1 NFC for payments and provisioning 5G-NR NSA (Sub-6): Release 15 DL 256 QAM up to 3.2 Gbps, 2xDL CA (TDD+TDD), 4x4 MIMO 5G-NR NSA (Sub-6): Release 15 UL 256 QAM 5G-NR NSA (Sub-6) Bands: n1, n2, n3, n5, n7, n20, n25, n28, n38, n41, n66, n71, n77, n78, n79  Gigabit LTE - A Pro Release 15 with 4x4 MIMO and LAA LTE DL Cat 20, 256 QAM up to 2Gbps, 5xDL CA LTE UL Cat 13, 64 QAM Contiguous 2X ULCA 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  WCDMA: 1,2,5,8 WCDMA: 1,2,5,8  GSM/GPRS: GSM-850, E-GSM-900, DCS-1800, PCS-1900  Location: GPS, Galileo, GLONASS, BeiDou, QZSS
<b>Weight<sup>1</sup></b>	284 g			<b>Countries &amp; carrier compatibility<sup>4</sup></b>	Unlocked device for all carriers Australia, Austria, Belgium, Canada, Denmark, France, Finland, Germany, Ireland, Italy, Japan, Netherlands, Spain, Sweden, Switzerland, United Kingdom, U.S.
<b>Display</b>	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™			<b>Processor</b>	Qualcomm® Snapdragon™ 888 5G Mobile Platform
<b>Battery life<sup>2</sup></b>	Up to 15.5 hours of local video playback Up to 28 hours of talk time			<b>SIM</b>	One eSIM <sup>5</sup> and one Nano SIM, Unlocked for all carriers
<b>Battery capacity<sup>3</sup></b>	4449mAh (typical) dual battery 4340mAh (minimum) dual battery			<b>Storage &amp; memory<sup>6</sup></b>	128GB, 256GB 8GB DRAM LPDDR5 memory
<b>Battery charging</b>	Fast Charging available using the Microsoft Surface 23W USB-C Power Supply (sold separately)	<b>Video conferencing</b>	Microsoft Teams and Skype video conferencing up to 1080p at 30fps	<b>Connections</b>	USB-C® 3.2 Gen 2

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## Audio

Stereo speaker, Dual Mic AI-based noise suppression and acoustic echo cancellation optimized for productive use in all postures

Best-in -class Full Duplex communication for voice calls in hands free mode, receiver and LRA

Audio formats supported: 3GP, MP3, MP4, MKV, WAV, OGG, M4A, AAC, TS, AMR, FLAC, MID, MIDI, RTTL, RTX, OTA, IMY

Qualcomm® aptX™ Classic, HD and TWS

Hearing aid compatibility: M4/T3

Wake on Voice using Google Assistant

## Software<sup>7</sup>

### Microsoft built-in applications:

Intune Company Portal, LinkedIn, Microsoft Authenticator, Microsoft Bing Search, Microsoft Edge, Microsoft Lens - PDF Scanner, Microsoft Office: Word, Excel, PowerPoint & More, Microsoft OneDrive, Microsoft OneNote, Microsoft Outlook, Microsoft Start, Microsoft Teams, Microsoft To Do, Surface Tips, Xbox Game Pass

### Microsoft Surface Duo 2 UI core features:

App Groups, Dual screen windowing, Dynamic Dock, Dynamic Triple-Lens Camera, Microsoft 365 Feed, Span apps automatically, Surface Duo Glance Bar, SwiftKey Adaptive Keyboard, Universal Search, Your Phone Companion - Link to Windows

### Other preinstalled apps:

Calculator, Chrome, Clock, Contacts, Files, Gmail, Google Assistant, Google Calendar, Google Drive, Google Duo, Google Maps, Google Photos, Google Play Movies & TV, Google Play Store, Google Search, Messages, Phone, Sound recorder, YouTube, YouTube Music

Operating System: Android™ 11

## Video playback

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

Wireless\*:

Chromecast and Miracast support

Wired:

DisplayPort over USB-C®. Supports video out when connecting via HDMI Adapter\*\*

4K video out over USB-C when connecting via DisplayPort cable or HDMI Adaptor to external monitor

## Exterior

Exterior material: Corning® Gorilla® Glass  
Color: Glacier, Obsidian

## Security & authentication

Biometric lock type: Fingerprint reader with enterprise-grade security  
Lock type: Swipe, PIN, password  
Security applications pre-loaded on device: Microsoft Authenticator

## Language support

Danish, Dutch, English (Australia), English (Canada), English (UK), English (US), Finnish, French (Canada), French (France), German, Italian, Japanese, Norwegian, Polish, Spanish (Spain), Spanish (US), Swedish

## What's in the box

Surface Duo 2 (Color: Glacier or Obsidian)  
Surface Duo 2 USB-C® Cable  
Quick Start Guide  
Warranty and Compliance Guide  
SIM Ejector tool  
USB-C® Earbuds [ONLY UK, France, Germany, Austria, Belgium, Denmark, Finland, Ireland, Italy, Netherlands, Spain, Sweden, Switzerland]

## Pen & inking

Supports all in-market generations of Surface Slim Pen, Surface Pen, and Surface Hub 2 Pen<sup>9</sup>  
Simultaneous pen and touch are supported

## Sensors

Dual accelerometer, dual gyroscope, dual magnetometer, dual ambient light sensor, proximity sensor, hall sensor, fingerprint sensor

## Warranty<sup>10</sup>

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 <https://support.microsoft.com/en-us/help/4558037/product-safety-warnings-and-instructions-for-important-safety-information-about-your-device>.