

# SAMSUNG

# Galaxy Z Flip | Z Flip 5G

## The future changes shape.

The phones that unfold to a more productive workday.



### Unfold innovative design.

Groundbreaking foldable glass makes these pocket-sized marvels possible.



### Unfold an innovative camera.

The foldable form factor allows images and video from every angle.



### Unfold innovative UI flexibility.

See things at a glance. See more things at once. The Galaxy Z Flip and Z Flip 5G keep you up to speed.



### Unfold the power of 5G.

The Galaxy Z Flip 5G is the first foldable 5G phone in the U.S. And it's got the speed and power to keep up with business.



# Work better from every angle.



## Unfold innovative design.

### Foldable glass display

- The Ultra-Thin Glass display is a groundbreaking foldable glass that's smooth, clear and utterly seamless.

### Compact Fold design

- They flip closed for pocket-sized portability.

### Cinematic Infinity display

- Expansive 6.7" Infinity Flex Glass screen when unfolded.<sup>1</sup>

### Hideaway hinge

- Adjust phone angles for easy videoconferencing and hands-free photos in Flex Mode.



## Unfold an innovative camera.

### High-performance camera with 4K video

- 12MP rear dual camera (wide angle and ultra-wide panorama), 10MP front camera, 4K video.

### Hands-free photos and videos

- Unfold the Galaxy Z Flip or Z Flip 5G to the precise angle you need, then set it on a surface to capture pictures and video hands-free.

### Night photography

- Galaxy Z Flip and Z Flip 5G's camera records at various frame rates, intuitively adapting to capture exceptional photos, videos and hyperlapse, even in low light.



## Unfold innovative UI flexibility.

### Optimized UX

- An optimized UX features Flex Mode, App Continuity<sup>2</sup> and Multi Active Window,<sup>3</sup> for productivity in new ways.

### Flex Mode

- Control select apps with one half of the screen while you preview them on the other.

### Cover display

- Get notifications even when Galaxy Z Flip and Galaxy Z Flip 5G are closed. And easily transition from the discreet external display to full screen with App Continuity.<sup>2</sup>

### Multi Active Window

- A split-screen experience lets you navigate multiple apps on one display.<sup>3</sup> Drag-and-drop between apps, or video chat and keep up with emails at the same time.



## Unfold the power of 5G.

### Galaxy Z Flip 5G is the first foldable 5G phone in the U.S.<sup>4</sup>

- Upload and download huge files, stream video over a conference call, create a private, secure 5G hotspot.<sup>5</sup>
- Snapdragon 865+ processor maximizes 5G with faster, more efficient processing and improved graphics rendering.

# Galaxy Z Flip | Z Flip 5G

Specifications	Galaxy Z Flip	Galaxy Z Flip 5G
Display <sup>1</sup>	Cover: 1.05" Super AMOLED (112 x 300) Screen Size: 1.05" (full rectangle) / 0.96" (rounded corners) Main: 6.7" FHD+ Dynamic AMOLED Display, Infinity Flex Glass, Resolution (1080 x 2636) Screen Size: 6.7" (full rectangle) / 6.5" (rounded corners)	Cover: 1.05" Super AMOLED (112 x 300) Screen Size: 1.05" (full rectangle) / 0.96" (rounded corners) Main: 6.7" FHD+ Dynamic AMOLED Display, Infinity Flex Glass, Resolution (1080 x 2636) Screen Size: 6.7" (full rectangle) / 6.5" (rounded corners)
Colors	Mirror Black, Mirror Purple	Mystic Gray, Mystic Bronze
Processor	AP Chipset: Qualcomm SM8250-2-AB Snapdragon 855+	AP Chipset: Qualcomm SM8250-2-AB Snapdragon 865+
OS	Android 10 Pie with One UI 2	Android 11.0
Connectivity <sup>5,6,7</sup>	2G CDMA: CDMA800, USPCS1900	2G CDMA: CDMA800, USPCS1900
	2G GSM: GSM850, GSM900, DCS1800, PCS1900v	2G GSM: GSM850, GSM900, DCS1800, PCS1900
	3G WCDMA: B1 (2100), B2 (1900), B4 (AWS), B5 (850), B8 (900)	3G WCDMA: B1 (2100), B2 (1900), B4 (AWS), B5 (850), B8 (900)
	4G LTE FDD: B1 (2100), B2 (1900), B3 (1800), B4 (AWS), B5 (850), B7 (2600), B8 (900), B12 (700), B13 (700), B14 (700), B18 (800), B19 (800), B20 (800), B25 (1900), B26 (850), B28 (700), B29 (700), B30 (2300), B66 (AWS-3), B71 (600)	4G LTE FDD: B1 (2100), B2 (1900), B3 (1800), B4 (AWS), B5 (850), B7 (2600), B8 (900), B12 (700), B13 (700), B14 (700), B18 (800), B19 (800), B20 (800), B25 (1900), B26 (850), B28 (700), B29 (700), B30 (2300), B66 (AWS-3), B71 (600)
	4G LTE TDD: B38 (2600), B39 (1900), B40 (2300), B41 (2500), B48 (3600)	4G LTE TDD: B38 (2600), B39 (1900), B40 (2300), B41 (2500), B48 (3600)
	-	Main 5G Sub-6 FDD: N5 (850), N71 (600)
	-	Main 5G Sub-6 TDD: N41 (2500)
	Bluetooth v5.0 (LE up to 2Mbps), USB Type-C, NFC, Location (GPS, Galileo, Glonass, BeiDou)	Bluetooth v5.0 (LE up to 2Mbps), USB Type-C, NFC, Location (GPS, Galileo, Glonass, BeiDou)
	-	-
	Bluetooth Profile: A2DP, AVRCP, DI, HFP, HID, HOGP, HSP, MAP, OPP, PAN, PBAP	Bluetooth Profile: A2DP, AVRCP, DI, HFP, HID, HOGP, HSP, MAP, OPP, PAN, PBAP
	NFC Support: Yes	NFC Support: Yes
	Wi-Fi 802.11 a/b/g/n/ac/ax (2.4G+5GHz), Wi-Fi Direct, HE80, MIMO, 1024QAM	Wi-Fi 802.11 a/b/g/n/ac/ax (2.4G+5GHz), Wi-Fi Direct, HE80, MIMO, 1024QAM
Wi-Fi Direct: Yes	Wi-Fi Direct: Yes	
Mobile Hotspot: Yes	Mobile Hotspot: Yes	
Miracast: Yes	Miracast: Yes	
Network	LTE: Enhanced 4x4 MIMO, Up to 6CA, LTE Cat. 20	5G Capable
External Port	USB 2.0	USB 2.0
	-	USB File Transfer: MTP, PTP
	USB Tethering: Yes	USB Tethering: Yes
	Limited USB Host (OTG): USB Memory Stick, Camera (PTP / UMS), USB Keyboard / Mouse	Limited USB Host (OTG): USB Memory Stick, Camera (PTP / UMS), USB Keyboard / Mouse
	Headphone Out: USB Type-C	Headphone Out: USB Type-C
Dimensions / Weight	Open: 6.58" x 2.89" x 0.28" Folded: 3.44" x 2.89" x 0.68" Weight: 6.45 oz / 183 grams	Open: 6.58" x 2.89" x 0.28" Folded: 3.44" x 2.89" x 0.68" Weight: 6.45 oz / 183 grams
Battery (Typical) <sup>8</sup>	3,300 mAh Dual Battery (15W Charging)	3,300 mAh Dual Battery (15W Charging)
Charging	Fast Charging compatible via power cord and wireless, Wireless PowerShare	Fast Charging compatible via power cord and Wireless, Wireless PowerShare
Memory <sup>9</sup> / Storage <sup>10</sup>	8GB / 256GB	8GB / 256GB
Camera	Front: 10MP Selfie, F2.4, 1.22µm, FOV: 80° Rear: 12MP Ultra-Wide, F2.2, 1.12µm, FOV: 123° 12MP Wide-Angle: Super Speed Dual Pixel AF, OIS, F1.8, 1.4µm, FOV: 78°	Front: 10MP Selfie, F2.4, 1.22µm, FOV: 80° Rear: 12MP Ultra-Wide, F2.2, 1.12µm, FOV: 123° 12MP Wide-Angle, Super Speed Dual Pixel AF, OIS, F1.8, 1.4µm, FOV: 78°
Sensors	Features: OIS for Rear Wide-Angle Camera (Optical Image Stabilization), Up to 8x digital zoom, HDR10+ recording, Tracking AF	Features: OIS for Rear Wide-angle Camera (Optical Image Stabilization), Up to 8x digital zoom, HDR10+ recording, Tracking AF
Sensors	Capacitive fingerprint sensor (side), Accelerometer, Barometer, Gyro sensor, Geomagnetic sensor, Hall sensor (digital, analog), Proximity sensor, RGB Light sensor	Capacitive fingerprint sensor (side), Accelerometer, Barometer, Gyro sensor, Geomagnetic sensor, Hall sensor (digital, analog), Proximity sensor, RGB Light sensor
SIM	Slot: Single-SIM Size: Nano-SIM (4FF)	Slot: Single-SIM Size: Nano-SIM (4FF)

# Galaxy Z Flip | Z Flip 5G

Specifications	Galaxy Z Flip	Galaxy Z Flip 5G
Audio	Power: 1.2 W Mono speaker Surround sound for Bluetooth and earphones with Dolby Atmos technology (Dolby Digital, Dolby Digital Plus included) Bluetooth Dual Audio: Connect two Bluetooth devices to the Galaxy Z Flip to play audio through the two devices simultaneously. Scalable Codec: Enhanced Bluetooth connection under ambient radio frequency interference Recording quality is improved with the High AOP Mic that minimizes distortion in noisy environments.	Power: 1.2 W Mono speaker Surround sound for Bluetooth and earphones with Dolby Atmos technology (Dolby Digital, Dolby Digital Plus included) Bluetooth Dual Audio: Connect two Bluetooth devices to the Galaxy Z Flip 5G to play audio through the two devices simultaneously. Scalable Codec: Enhanced Bluetooth connection under ambient radio frequency interference Recording quality is improved with the High AOP Mic that minimizes distortion in noisy environments.
	Audio Playing Format	MP3, M4A, 3GA, AAC, OGG, OGA, WAV, WMA, AMR, AWB, FLAC, MID, MIDI, XMF, MXMF, IMY, RTTTL, RTX, OTA, DFF, DSF, APE
Video Playing Format	MP4, M4V, 3GP, 3G2, WMV, ASF, AVI, FLV, MKV, WEBM	MP4, M4V, 3GP, 3G2, WMV, ASF, AVI, FLV, MKV, WEBM
Video Recording	4K @ 60fps	4K @ 60fps
TV Connection	Wireless Smart View (Screen Mirroring 1080p at 30fps)	Wireless Smart View (Screen Mirroring 1080p at 30fps)
Security <sup>11</sup>	Knox: Android 3.5	Knox: Android 3.7
	Knox Platform: Real-time monitoring and protection / Virus, Malware prevention (Powered by McAfee) / Secure Folder	Knox Platform: Real-time monitoring and protection / Virus, Malware prevention (Powered by McAfee) / Secure Folder
Authentication	Lock Type: Pattern, PIN, Password / Biometric Lock Type: Fingerprint Sensor, Face Recognition	Lock Type: Pattern, PIN, Password / Biometric Lock Type: Fingerprint Sensor, Face Recognition

## Device Layout

- 10MP Wide-Angle Camera
- 12MP Wide-Angle Camera
- 12MP Ultra-Wide Camera
- Volume Rocker
- Power Button, Fingerprint Reader and Bixby Key
- Speaker
- USB Type C
- SIM Card



Galaxy Z Flip: Mirror Purple, Mirror Black



Galaxy Z Flip 5G: Mystic Grey, Mystic Bronze

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<sup>1</sup>Display measurements are diagonal, and actual viewable area is less due to rounded corners and camera hole punch. <sup>2</sup>App Continuity works with select applications. The number of compatible apps through third party developers is growing. <sup>3</sup>Multi Active Window works with select applications. The number of compatible apps through third party developers is growing. <sup>4</sup>First foldable 5G smartphone in the U.S. <sup>5</sup>Requires optimal 5G network connection, available in select markets. Check with your carrier for availability and details. Download and streaming speeds may vary based on content provider, server connection and other factors. <sup>6</sup>May differ by market and mobile operator. <sup>7</sup>Galileo and BeiDou coverage may be limited. <sup>8</sup>Based on average battery life under typical usage conditions. Average expected performance based on typical use. Actual battery life depends on factors such as network, features selected, frequency of calls, and voice, data and other application usage patterns. Results may vary. <sup>9</sup>Total amount of available memory may be less based on configuration. <sup>10</sup>Actual storage available may vary depending on pre-installed software. <sup>11</sup>For the full list of Knox certifications, please visit [samsung.com/knox](https://samsung.com/knox). <sup>12</sup>Face recognition only available when unfolded with the Front Camera.