Galaxy Z Fold2 Product Specifications

Display		Main Screen* - 7.6'' QXGA+ Dynamic AMOLED 2X Display (22.5:18) Infinity Flex Display (2208 x 1768), 373ppi Cover Screen** - 6.2'' HD+ Super AMOLED Display (25:9), 2260 x 816, 386ppi *Main Screen: Screen measured diagonally as a full rectangle without accounting for the rounded corners. Actual viewable area is less due to the rounded corners. **Cover Screen: Screen measured diagonally as a full rectangle without accounting for the rounded corners. Actual viewable area is less due to the rounded corners.
Dimension & Weight		Folded: 68.0 x 159.2 x 16.8mm (Hinge) ~ 13.8mm(Sagging), 282g Unfolded: 128.2 x 159.2 x 6.9mm(Frame) ~ 6.0mm(Screen) , 282g
Camera	**Cover Camera**	10MP Selfie Camera : F2.2, Pixel size: 1.22µm, FOV: 80˚
	Front Camera	10MP Selfie Camera: F2.2, Pixel size: 1.22µm, FOV: 80˚
	Rear Triple Camera	12MP Ultra Wide Camera : F2.2 ,Pixel size: 1.12µm, FOV : 123˚ 12MP Wide-angle Camera : Super Speed Dual Pixel AF, OIS, F1.8, Pixel size: 1.8µm, FOV: 83˚ 12MP Telephoto Camera : PDAF, F2.4, OIS, Pixel size: 1.0µm, FOV: 45˚ Dual OIS, 0.5x out and 2x in optical zoom, Up to 10x digital zoom, HDR10+ recording, Tracking AF
AP		7 ㎚ 64-bit Octa-Core Processor (3.09 ㎓ + 2.40 ㎓ + 1.80 ㎓)
Memory		12GB RAM with 512GB internal storage (UFS3.1)* 12GB RAM with 256GB internal storage (UFS3.1)** *512GB internal storage is only available in select markets including mainland China, Hong Kong and Taiwan. Actual storage availability may depend on pre-installed software **Actual storage availability may depend on pre-installed software
Battery		4500mAh (typical) dual battery* *Typical value tested under third-party laboratory condition. Typical value is the estimated average value considering the deviation in battery capacity among the battery samples tested under IEC 61960 standard. Rated (minimum) capacity is 4365mAh. Actual battery life may vary depending on network environment, usage patterns and other factors.
Charging		Fast Charging compatible on wired and wireless* Wireless PowerShare** *Wired charging compatible with QC2.0 and AFC, Wireless charging compatible with WPC and PMA **Wireless PowerShare is limited to Samsung or other brand smartphones with WPC Qi wireless charging, such as Galaxy Z Fold2, Galaxy Note20, Galaxy Note20 Ultra Galaxy S20, S20+, S20 Ultra, Galaxy Z Flip, Galaxy Note10, Note10+, Galaxy S10e, S10, S10+ S9, S9+, S8, S8+, S8 Active, S7, S7 edge, S7 Active, S6, S6 edge, S6 Active, S6 edge+, Note9, Note8, Note FE, Note5, and wearables such as Galaxy Watch Active, Gear Sport, Gear S3, Galaxy Watch, and Galaxy Buds. May not work with certain accessories, covers, or other brand devices. May affect call reception or data services, depending on your network environment.
OS		Android 10
Network		[LTE]*: Enhanced 4X4 MIMO, 7CA, LAA, LTE Cat.20 - Up to 2Gbps Download / Up to 150Mbps Upload [5G]**: Non-Standalone (NSA), Standalone (SA), Sub6 / mmWave *Actual speed may vary depending on market, carrier, and user environment. **Requires optimal 5G connection. Actual speed may vary depending on market, carrier, and user environment.
Connectivity		[Wi-Fi] 802.11 a/b/g/n/ac/ax HE80 MIMO, 1024QAM [Bluetooth]* Bluetooth® v 5.0 (LE up to 2Mbps), USB type-C, NFC, Location (GPS, Galileo, Glonass, BeiDou) [Ultra Wide Band] *Galileo and BeiDou coverage may be limited. BeiDou may not be available for certain countries.
SIM Card		One eSIM and one Nano SIM *SIM card sold separately. Availability may vary depending on market and carrier. *eSIM requires a wireless service plan and allows you activate a mobile network plan without the use of a nano SIM. eSIM availability may vary depending on software version, market and carrier. Check with your carrier if your mobile network plan supports eSIM.
Payment(Samsung Pay)		Credit & debit cards: supports MST and/or NFC Membership cards, Gift cards, Transit cards, Reward point service *Available in select countries. Payment solutions and available features may vary depending on market, carrier, and service providers.
Sensors		Capacitive Fingerprint sensor (side), Accelerometer, Barometer, Gyro sensor, Geomagnetic sensor, Hall sensor, Proximity sensor, Light sensor
Authentication		Lock type: pattern, PIN, password Biometric lock type: Fingerprint sensor*, Face recognition *Galaxy Z Fold2 has a Capacitive Fingerprint sensor on the side.
Audio		Stereo speakers Surround sound with Dolby Atmos technology (Dolby Digital, Dolby Digital Plus included.) UHQ 32-bit &DSD64/128 support*, PCM: Up to 32 bits, DSD: DSD64/128 Audio playback format : MP3, M4A, 3GA, AAC, OGG, OGA, WAV, WMA, AMR, AWB, FLAC, MID, MIDI, XMF, MXMF, IMY, RTTTL, RTX, OTA, APE, DSF, DFF *DSD64 and DSD128 playback can be limited depending on the file format.
Video		Video playback format: MP4, M4V, 3GP, 3G2, WMV, ASF, AVI, FLV, MKV, WEBM TV connection: Wireless: Smart View (screen mirroring 1080p at 30fps) / Wired: supports DisplayPort over USB type-C. Supports video out when connecting via HDMI Adapter. (DisplayPort 4K UHD at 60 fps)
Security		Knox protection: real-time monitoring and protection. Virus, malware prevention. (Powered by McAfee) Secure Folder: a secure space on the device to keep content such as apps, photos and videos, secured by fingerprint scanning. *Virus and malware prevention solution providers may vary depending on market. Availability may vary by market and carrier.
Colors		[Essential Color] Mystic Black, Mystic Bronze
In the Box		Galaxy Z Fold2, Data Cable, Travel Adapter, Ejection Pin, Quick Start Guide, Earphones (USB Type-C) with sound by AKG, Galaxy Z Premier Service Leaflet, Brand Story Leaflet *Actual components, including earphones, may not be available depending on the model you purchase or the market or region you live in. Package and cover color may vary depending on device color.

*All specifications and descriptions provided herein may be different from the actual specifications and descriptions of the product. Samsung reserves the right to make changes to this page and the contents herein, including without limitation, functionality, features, specifications, GUI, images, videos , benefits, design, pricing, components, performance, availability, capabilities, and any other product information, without notice.