

Samsung Galaxy Z Fold2 5G SM-F916B 19.3 cm (7.6") Android 10 USB Type-C 12 GB 256 GB 4500 mAh Black

Brand : Samsung

Product family: Galaxy

Product code: SM-F916BZKABTU

Product name : SM-F916B

- Tough on the outside, flexible on the inside
- A big screen outside. A bigger screen folded inside
- Two screens that create one seamless experience
- More windows, less cropping
- A whole new angle on mobile photography and video
- The camera that keeps track of you
- No more losing details in the dark

7.6" 1768 x 2208 Dynamic AMOLED 2x 120Hz, 6.2" 816 x 2208 Super AMOLED, 5G, 12MP + 12MP + 12MP, 10MP, 10MP, 4500 mAh

Samsung Galaxy Z Fold2 5G SM-F916B. Display diagonal: 19.3 cm (7.6"), Display resolution: 2208 x 1768 pixels. Processor frequency: 3.09 GHz, Processor family: Qualcomm Snapdragon, Processor model: 865+ 5G. RAM capacity: 12 GB, Internal storage capacity: 256 GB. Rear camera resolution (numeric): 12 MP, Rear camera type: Triple camera. Operating system installed: Android 10. Battery capacity: 4500 mAh. Product colour: Black. Weight: 282 g



Display		Network	
Display diagonal *	19.3 cm (7.6")	Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax)
Screen shape	Flat	Bluetooth *	✓
Display technology marketing name	Dynamic AMOLED 2X	Bluetooth version	5.0
Panel type	OLED	Tethering (modem-mode)	✓
Display resolution *	2208 x 1768 pixels	Wi-Fi Direct	✓
Display number of colours	16 million colours	MIMO	✓
Maximum refresh rate	120 Hz	Near Field Communication (NFC)	✓
High Dynamic Range (HDR) supported	✓		
High Dynamic Range (HDR) technology	High Dynamic Range 10+ (HDR10 Plus)	Subscription	
Touchscreen type	Capacitive	Subscription type *	No subscription
Pixel density	373 ppi	Ports & interfaces	
Second display	✓	USB port *	✓
Second display diagonal	15.8 cm (6.2")	USB connector type	USB Type-C
Second display resolution	2260 x 816 pixels	Messaging	
Second display type	Super AMOLED	Short Message Service (SMS)	✓
Second display pixel density	386 ppi	Multimedia Messaging Service (MMS)	✓
Processor		E-mail	✓
Processor family *	Qualcomm Snapdragon	Design	
Processor model *	865+ 5G	Form factor *	Bar
Processor cores	8	Product colour *	Black
Processor frequency *	3.09 GHz	Colour name	Mystic Black
Storage		Performance	
RAM capacity *	12 GB	Fast charging	✓
Internal storage capacity *	256 GB	Wireless charging	✓
USB mass storage	✓		

Camera		Performance	
Rear camera resolution (numeric) *	12 MP	Fingerprint reader	✓
Second rear camera resolution (numeric)	12 MP	Face recognition	✓
Third rear camera resolution (numeric)	12 MP	Speakerphone	✓
Rear camera aperture number	2.2	Voice dialling	✓
Second rear camera aperture number	1.8	Voice commands	✓
Third rear camera aperture number	2.4	USB On-The-Go support	✓
Rear camera pixel size	1.12 µm	Vibrating alert	✓
Second rear camera pixel size	1.8 µm	Navigation	
Third rear camera pixel size	1 µm	GPS (satellite)	✓
Rear camera field of view (FOV) angle	123°	GLONASS	✓
Second rear camera field of view (FOV) angle	83°	BeiDou	✓
Third rear camera field of view (FOV) angle	45°	Galileo	✓
Optical zoom	2x	Position location *	✓
Digital zoom	10x	Wi-Fi positioning	✓
Front camera type *	Single camera	Multimedia	
Front camera resolution (numeric) *	10 MP	Speakers	stereo
Front camera aperture number	2.2	Audio system	Dolby Atmos
Front camera pixel size	1.22 µm	Audio formats supported	3GA, AAC, AMR, APE, AWB, DFF, DSF, FLAC, IMY, M4A, Mid, MIDI, MP3, MXMF, OGA, OGG, OTA, RTTTL, RTX, WAV, WMA, XMF
Front camera field of view (FOV) angle	80°	Video formats supported	3G2, 3GP, ASF, AVI, FLV, M4V, MKV, MP4, WEBM, WMV
Cover camera resolution (numeric)	10 MP	Software	
Cover camera aperture number	2.2	Platform *	Android
Cover camera pixel size	1.22 µm	Operating system installed *	Android 10
Cover camera field of view (FOV) angle	80°	App distribution platform	Google Play
Rear camera flash *	✓	Office support	✓
Flash type	LED	Google applications	Gmail, Google Chrome, Google Drive, Google Maps, Google Photos, Google Play, YouTube
Video capture resolution (max)	3840 x 2160 pixels	Virtual assistant	Samsung Bixby
Maximum frame rate	960 fps	Battery	
Resolution at capture speed	1280x720@30fps, 1280x720@960fps, 1920x1080@240fps, 1920x1080@60fps, 3840x2160@60fps	Wireless Power Share	✓
Video recording modes	720p, 1080p, 2160p	Removable battery	✗
Rear camera type *	Triple camera	Battery capacity *	4500 mAh
Auto focus	✓	Talk time (4G)	31 h
Face detection	✓	Browsing time (Wi-Fi)	11 h
Video stabilizer	✓	Browsing time (4G)	11 h
Image stabilizer	✓	Wireless audio playback time	83 h
Geotagging	✓	Wireless video playback time	18 h
Multi-shot	✓	Sensors	
Self-timer	✓	Proximity sensor	✓
Night mode	✓	Accelerometer	✓
Network		Ambient light sensor	✓
Mobile network generation *	5G	Gyroscope	✓
3G standards *	HSDPA, UMTS	Barometer	✓
4G standard *	LTE	Geomagnetic sensor	✓
Wi-Fi *	✓	Hall sensor	✓
		Weight & dimensions	
		Width	128.2 mm
		Depth	6.9 mm
		Height	159.2 mm
		Weight *	282 g
		Folded width	6.8 cm
		Folded depth	1.68 cm
		Folded height	15.9 cm
		Certificates	
		Head SAR (EU)	0.859 W/kg

Certificates	
Body SAR (EU)	1.453 W/kg
Extremities SAR (EU)	2.89 W/kg
Packaging content	
AC adapter included	✓
Quick start guide	✓
Cables included	USB Type-C
SIM card ejector pin	✓
Other features	
Touchscreen	✓



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