

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

**Brand :** Samsung

**Product family:** Galaxy

**Product code:** SM-F916BRKADBT

**Product name :** SM-F916B

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, Red. Weight: 282 g



Display		Network	
Display diagonal *	19.3 cm (7.6")	Bluetooth *	✓
Screen shape	Flat	Bluetooth version	5.0
Display technology marketing name	Dynamic AMOLED 2X	Bluetooth Low Energy (BLE)	✓
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	✓	<b>Subscription</b>	
High Dynamic Range (HDR) technology	High Dynamic Range 10+ (HDR10 Plus)	Subscription type *	No subscription
Touchscreen type	Capacitive	<b>Ports &amp; interfaces</b>	
Pixel density	373 ppi	USB port	✓
Second display	✓	USB connector type	USB Type-C
Second display diagonal	15.8 cm (6.2")	<b>Messaging</b>	
Second display resolution	2260 x 816 pixels	Short Message Service (SMS)	✓
Second display type	Super AMOLED	Multimedia Messaging Service (MMS)	✓
Second display pixel density	386 ppi	E-mail	✓
Processor		<b>Navigation</b>	
Processor family *	Qualcomm Snapdragon	GPS (satellite)	✓
Processor model *	865+ 5G	GLONASS	✓
Processor cores	8	BeiDou	✓
Processor frequency *	3.09 GHz		

Storage		Navigation	
RAM capacity *	12 GB	Galileo	✓
Internal storage capacity *	256 GB	Position location *	✓
USB mass storage	✓	Wi-Fi positioning	✓
Camera		Design	
Rear camera resolution (numeric) *	12 MP	Form factor *	Bar
Second rear camera resolution (numeric)	12 MP	Product colour *	Black, Red
Third rear camera resolution (numeric)	12 MP	Colour name	Mystic Black - Metallic Red
Rear camera aperture number	2.2	Performance	
Second rear camera aperture number	1.8	Fast charging	✓
Third rear camera aperture number	2.4	Wireless charging	✓
Rear camera pixel size	1.12 µm	Fingerprint reader	✓
Second rear camera pixel size	1.8 µm	Face recognition	✓
Third rear camera pixel size	1 µm	Speakerphone	✓
Rear camera field of view (FOV) angle	123°	Voice dialling	✓
Second rear camera field of view (FOV) angle	83°	Voice commands	✓
Third rear camera field of view (FOV) angle	45°	USB On-The-Go support	✓
Optical zoom	2x	Vibrating alert	✓
Digital zoom	10x	Multimedia	
Front camera type *	Single camera	Speakers	stereo
Front camera resolution (numeric) *	10 MP	Audio system	Dolby Atmos
Front camera aperture number	2.2	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 pixel size	1.22 µm	Video formats supported	3G2, 3GP, ASF, AVI, FLV, M4V, MKV, MP4, WEBM, WMV
Front camera field of view (FOV) angle	80°	Software	
Cover camera resolution (numeric)	10 MP	Platform *	Android
Cover camera aperture number	2.2	Operating system installed *	Android 10
Cover camera pixel size	1.22 µm	App distribution platform	Google Play
Cover camera field of view (FOV) angle	80°	Office support	✓
Rear camera flash *	✓	Google applications	Gmail, Google Chrome, Google Drive, Google Maps, Google Photos, Google Play, YouTube
Flash type	LED	Virtual assistant	Samsung Bixby
Video capture resolution (max)	3840 x 2160 pixels	Battery	
Maximum frame rate	960 fps	Wireless Power Share	✓
Resolution at capture speed	1280x720@30fps, 1280x720@960fps, 1920x1080@240fps, 1920x1080@60fps, 3840x2160@60fps	Removable battery	✗
Video recording modes	720p, 1080p, 2160p	Battery capacity *	4500 mAh
Rear camera type *	Triple camera	Talk time (4G)	31 h
Auto focus	✓	Browsing time (Wi-Fi)	11 h
Face detection	✓	Browsing time (4G)	11 h
Video stabilizer	✓	Wireless audio playback time	83 h
Image stabilizer	✓	Wireless video playback time	18 h
Geotagging	✓	Sensors	
Multi-shot	✓	Proximity sensor	✓
Self-timer	✓	Accelerometer	✓
Night mode	✓	Ambient light sensor	✓
		Gyroscope	✓
Network		Barometer	✓
Mobile network generation *	5G	Geomagnetic sensor	✓
3G standards *	HSDPA, UMTS	Hall sensor	✓
4G standard *	LTE	Weight & dimensions	
Wi-Fi	✓	Width	128.2 mm
		Depth	6.9 mm

Network		Weight & dimensions	
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax)	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
		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	✓

## Catalog Object Cloud



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