

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

Brand : Samsung

Product family: Galaxy

Product code: SM-F916BZKANEE

Product name : SM-F916B

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: 865+ 5G. RAM capacity: 12 GB, Internal storage capacity: 256 GB. Rear camera resolution (numeric): 12 MP, Rear camera type: Triple camera. SIM card capability: Dual SIM. Operating system installed: Android 10. Battery performance: 4500 mAh. Product colour: Black. Weight: 282 g



Display		Network	
Display diagonal *	19.3 cm (7.6")	Wi-Fi	✓
Screen shape	Flat		
Display technology marketing name	Dynamic AMOLED 2X	Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax)
Panel type	OLED	Bluetooth *	✓
Display resolution *	2208 x 1768 pixels	Bluetooth version	5.0
Display number of colors	16 million colours	Bluetooth Low Energy (BLE)	✓
Maximum refresh rate	120 Hz	Tethering (modem-mode)	✓
High Dynamic Range (HDR) supported	✓	Wi-Fi Direct	✓
High Dynamic Range (HDR) technology	High Dynamic Range 10+ (HDR10 Plus)	MIMO	✓
Touch screen type	Capacitive	Near Field Communication (NFC)	✓
Pixel density	373 ppi		
Second LCD screen	✓		
Second display diagonal	15.8 cm (6.2")		
Second display resolution	2260 x 816 pixels		
Second display type	Super AMOLED		
Second display pixel density	386 ppi		
Processor		Subscription	
Processor family *	Qualcomm Snapdragon	Subscription type *	No subscription
Processor *	865+ 5G		
Processor number of cores	8		
Processor frequency *	3.09 GHz		
		Ports & interfaces	
		USB port	✓
		USB connector type	USB Type-C
		Messaging	
		Short Message Service (SMS)	✓
		Multimedia Messaging Service (MMS)	✓
		E-mail	✓

Storage		Navigation	
User memory	220.6 GB	GPS	✓
RAM capacity *	12 GB	GLONASS	✓
Internal storage capacity *	256 GB	BeiDou	✓
USB mass storage	✓	Galileo	✓
Camera		Position location *	✓
Rear camera resolution (numeric) *	12 MP	Wi-Fi positioning	✓
Second rear camera resolution (numeric)	12 MP	Design	
Third rear camera resolution (numeric)	12 MP	Form factor *	Bar
Rear camera aperture number	2.2	Product colour *	Black
Second rear camera aperture number	1.8	Color name	Mystic Black
Third rear camera aperture number	2.4	Performance	
Rear camera pixel size	1.12 µm	Quick charge	✓
Second rear camera pixel size	1.8 µm	Wireless charging	✓
Third rear camera pixel size	1 µm	Fingerprint reader	✓
Rear camera field of view (FOV) angle	123°	Face recognition	✓
Second rear camera field of view (FOV) angle	83°	Speakerphone	✓
Third rear camera field of view (FOV) angle	45°	Voice dialing	✓
Optical zoom	2x	Voice commands	✓
Digital zoom	10x	USB On-The-Go support	✓
Front camera type *	Single camera	Vibrating alert	✓
Front camera resolution (numeric) *	10 MP	Multimedia	
Front camera aperture number	2.2	Speakers	stereo
Front camera pixel size	1.22 µm	Audio system	Dolby Atmos
Front camera field of view (FOV) angle	80°	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
Cover camera resolution (numeric)	10 MP	Video formats supported	3G2, 3GP, ASF, AVI, FLV, M4V, MKV, MP4, WEBM, WMV
Cover camera aperture number	2.2	Software	
Cover camera pixel size	1.22 µm	Platform *	Android
Cover camera field of view (FOV) angle	80°	Operating system installed *	Android 10
Rear camera flash *	✓	App distribution platform	Google Play
Flash type	LED	Office support	✓
Video capture resolution (max)	3840 x 2160 pixels	Google applications	Gmail, Google Chrome, Google Drive, Google Maps, Google Photos, Google Play, YouTube
Maximum frame rate	960 fps	Virtual assistant	Samsung Bixby
Resolution at capture speed	1280x720@30fps, 1280x720@960fps, 1920x1080@240fps, 1920x1080@60fps, 3840x2160@60fps	Battery	
Video recording modes	720p, 1080p, 2160p	Wireless Power Share	✓
Rear camera type *	Triple camera	Removable battery	✗
Auto focus	✓	Battery performance *	4500 mAh
Face detection	✓	Talk time (4G)	31 h
Video stabilizer	✓	Browsing time (Wi-Fi)	11 h
Image stabilizer	✓	Browsing time (4G)	11 h
Geotagging	✓	Wireless audio playback time	83 h
Multi-shot	✓	Wireless video playback time	18 h
Self-timer	✓	Sensors	
Night mode	✓	Proximity sensor	✓
Network		Accelerometer	✓
SIM card capability *	Dual SIM	Ambient light sensor	✓
Mobile network generation *	5G	Gyroscope	✓
SIM card type *	NanoSIM + eSIM	Barometer	✓
3G standards *	HSDPA, UMTS	Geomagnetic sensor	✓
4G standard *	LTE	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	0.859 W/kg
Body SAR	1.453 W/kg
Extremities SAR (EU)	2.89 W/kg
Packaging Content	
AC adapter bundled *	✗
Quick start guide	✓
Cables included	USB Type-C
SIM card ejector pin	✓
Other features	
Touch screen	✓



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