

Samsung Galaxy Z Fold8 19.3 cm (7.6") Dual SIM 5G USB Type-C
12 GB 256 GB 4800 mAh Graphite

Brand : Samsung Product family: Galaxy Product code: SM-F971BZKBEUE

Product name : Galaxy Z Fold8



Galaxy Z Fold8
Samsung Galaxy Z Fold8 . Display diagonal: 19.3 cm (7.6"), Display resolution: 1848 x 2448 pixels.
Processor family: Snapdragon, Processor model: 8 Elite Gen 5. RAM capacity: 12 GB, Internal storage capacity: 256 GB. Rear camera resolution (numeric): 50 MP, Rear camera type: Dual camera. SIM card capability: Dual SIM. Battery capacity: 4800 mAh. Product colour: Graphite. Weight: 201 g

Display		Network	
Display diagonal *	19.3 cm (7.6")	5G standard *	Sub6 TDD, Sub6 FDD
Screen shape	Flat	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
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), Wi-Fi 6E (802.11ax)
Display glass type	Gorilla Glass	Bluetooth *	✓
Gorilla Glass version	Gorilla Glass Victus 2	Bluetooth version	6.0
Display resolution *	1848 x 2448 pixels	3G bands supported	2100,1900,850,900 MHz
Maximum refresh rate	120 Hz	4G bands supported	2100,1900,1800,850,2600,900,700,800,1500,2500,2300 MHz
Display brightness	1500 cd/m²	5G bands supported	2100,1900,1800,850,2600,900 MHz
Maximum display brightness (Outdoor)	3000 cd/m²	Wi-Fi Direct	✓
Pixel density	403 ppi	MIMO	✓
Second display	✓	Near Field Communication (NFC)	✓
Second display diagonal	14 cm (5.5")	Ports & interfaces	
Second display resolution	1972 x 1248 pixels	USB connector type	USB Type-C
Second display pixel density	428 ppi	USB version	3.2 Gen 1 (3.1 Gen 1)
Second display glass type	Gorilla Glass	Headphone connectivity	USB Type-C
Second display refresh rate	120 Hz	Navigation	
Second display Gorilla Glass version	Gorilla Glass Ceramic 3	GPS (satellite)	✓
Processor		GLONASS	✓
Processor family *	Snapdragon	BeiDou	✓
Processor model *	8 Elite Gen 5	Galileo	✓
Processor cores	8	Quasi-Zenith Satellite System (QZSS)	✓
Processor boost frequency	4.74 GHz	Position location *	✓
Storage		Design	
RAM capacity *	12 GB	Form factor *	Bar
Internal storage capacity *	256 GB	Product colour *	Graphite
Compatible memory cards *	Not supported	Performance	
Camera		Wireless charging	✓
Rear camera sensor size	1/1.56"	Fingerprint reader	✓
Second rear camera sensor size	1/2.52"	Multimedia	
Rear camera resolution (numeric) *	50 MP	Audio formats supported	MP3, M4A, 3GA, AAC, OGG, OGA, WAV, AMR, AWB, FLAC, Mid, MIDI, XMF, MXMF, IMY, RTTTL, RTX, OTA, DFF, DSF, APE
Second rear camera resolution (numeric)	50 MP	Video formats supported	MP4, M4V, 3GP, 3G2, AVI, FLV, MKV, WEBM
Rear camera aperture number	1.8	Software	
Second rear camera aperture number	1.9	Platform *	Android
Rear camera pixel size	1 µm	Battery	
Second rear camera pixel size	0.7 µm	Battery endurance in cycles *	1200
Rear camera field of view (FOV) angle	85°	Battery capacity *	4800 mAh
Second rear camera field of view (FOV) angle	120°		
Optical zoom	2x		

Camera		Sensors	
Digital zoom	10x	Proximity sensor	✓
Front camera type *	Single camera	Accelerometer	✓
Front camera sensor size	1/3.33"	Ambient light sensor	✓
Front camera resolution (numeric) *	10 MP	Gyroscope	✓
Front camera aperture number	2.2	Barometer	✓
Front camera pixel size	1.12 µm	Geomagnetic sensor	✓
Front camera field of view (FOV) angle	100°	Hall sensor	✓
Rear camera flash *	✓	Power	
Flash type	LED	USB Type-C charging port *	✓
Maximum frame rate	240 fps	USB Type-C required charging power (min) *	10 W
Rear camera type *	Dual camera	USB Type-C required charging power (max) *	45 W
Auto focus	✓	Endurance	
Image stabilizer	✓	Energy efficiency class *	A
Image stabilizer type	Optical Image Stabilization (OIS)	Energy efficiency scale	A to G
Night mode	✓	Battery endurance per cycle *	2950 min
Panorama	✓	Repeated free fall reliability class *	A
Slow motion mode	✓	Repairability class *	C
Slow motion rate	240fps in FHD, 120fps in FHD, 120fps in UHD	International Protection (IP) code *	IP48
Network		Weight & dimensions	
SIM card capability *	Dual SIM	Width	161.4 mm
Mobile network generation *	5G	Depth	4.5 mm
SIM card type *	NanoSIM + eSIM	Height	123.9 mm
3G standards *	WCDMA, UMTS	Weight *	201 g
4G standard *	LTE-TDD & LTE-FDD	Folded width	8.19 cm
		Folded depth	9.7 mm
		Folded height	12.4 cm
		Packaging content	
		AC adapter included *	✗
		Specific absorption rate (SAR)	
		Head SAR (EU)	0.823 W/kg
		Body SAR (EU)	1.211 W/kg
		Extremities SAR (EU)	2.26 W/kg



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