

Samsung Galaxy Z Fold8 SM-F971BZGBEUE smartphone 19.3 cm (7.6") Dual SIM 5G USB Type-C 16 GB 256 GB 4800 mAh Mint colour

Brand : Samsung

Product family: Galaxy

Product code: SM-F971BZGBEUE

Product name : SM-F971BZGBEUE



Samsung Galaxy Z Fold8 SM-F971BZGBEUE. Display diagonal: 19.3 cm (7.6"), Display resolution: 1848 x 2448 pixels. Processor family: Snapdragon, Processor model: 8 Elite Gen 5. RAM capacity: 16 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: Mint colour. Weight: 201 g

Display		Network	
Display diagonal *	19.3 cm (7.6")	Bluetooth version	6.0
Screen shape	Flat	2G bands (primary SIM)	850,1900,1800,900 MHz
Display technology marketing name	Dynamic AMOLED 2X	3G bands supported	2100,1900,850,900 MHz
Display glass type	Gorilla Glass	4G bands supported	2100,1900,1800,850,2600,900,700,800,1500,2500,2300 MHz
Gorilla Glass version	Gorilla Glass Victus 2	5G bands supported	2100,1900,1800,850,2600,900 MHz
Display resolution *	1848 x 2448 pixels	Wi-Fi Direct	✓
Display number of colours	16 million colours	MIMO	✓
Maximum refresh rate	120 Hz	Modulation	4096-QAM
Display brightness	1500 cd/m²	Near Field Communication (NFC)	✓
Maximum display brightness (Outdoor)	3000 cd/m²	Ports & interfaces	
Pixel density	403 ppi	USB connector type	USB Type-C
Second display	✓	USB version	3.2 Gen 1 (3.1 Gen 1)
Second display diagonal	14 cm (5.5")	Headphone connectivity	USB Type-C
Second display resolution	1972 x 1248 pixels	Mobile High-Definition Link (MHL)	✗
Second display type	Dynamic AMOLED 2X	Navigation	
Second display pixel density	428 ppi	GPS (satellite)	✓
Second display glass type	Gorilla Glass	GLONASS	✓
Second display refresh rate	120 Hz	BeiDou	✓
Second display Gorilla Glass version	Gorilla Glass Ceramic 3	Galileo	✓
Processor		Quasi-Zenith Satellite System (QZSS)	✓
Processor family *	Snapdragon	Position location *	✓
Processor model *	8 Elite Gen 5	Design	
Processor cores	8	Form factor *	Fold
Processor boost frequency	4.74 GHz	Product colour *	Mint colour
Storage		Colour name	Pistachio
User memory	218.6 GB	Performance	
RAM capacity *	16 GB	Wireless charging	✓
Internal storage capacity *	256 GB	Fingerprint reader	✓
Compatible memory cards *	Not supported	Hearing aid compatibility	✓
Camera		Multimedia	
Rear camera sensor size	1/1.56"	Speakers	stereo
Second rear camera sensor size	1/2.52"		
Rear camera resolution (numeric) *	50 MP		

Camera		Multimedia	
Second 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
Third rear camera resolution (numeric)	50 MP		
Fourth rear camera resolution (numeric)	50 MP	Video formats supported	MP4, M4V, 3GP, 3G2, AVI, FLV, MKV, WEBM
Rear camera aperture number	1.8		
Second rear camera aperture number	1.9	Software	
Rear camera pixel size	1 µm	Platform *	Android
Second rear camera pixel size	0.7 µm	Battery	
Rear camera field of view (FOV) angle	85°	Removable battery	✗
Second rear camera field of view (FOV) angle	120°	Battery endurance in cycles *	1200
Optical zoom	2x	Battery capacity *	4800 mAh
Digital zoom	10x	Wireless video playback time	26 h
Front camera type *	Single camera	Sensors	
Front camera sensor size	1/3.33"	Proximity sensor	✓
Front camera resolution (numeric) *	10 MP	Accelerometer	✓
Front camera aperture number	2.2	Ambient light sensor	✓
Front camera pixel size	1.12 µm	Gyroscope	✓
Front camera field of view (FOV) angle	100°	Barometer	✓
Cover camera resolution (numeric)	10 MP	Geomagnetic sensor	✓
Cover camera aperture number	2.2	Hall sensor	✓
Rear camera flash *	✓	Power	
Flash type	LED	USB Type-C charging port *	✓
Video capture resolution (max)	7680 x 4320 pixels	USB Type-C required charging power (min) *	10 W
Maximum frame rate	240 fps	USB Type-C required charging power (max) *	45 W
Rear camera type *	Dual camera	Endurance	
Auto focus	✓	Energy efficiency class *	A
Image stabilizer	✓	Energy efficiency scale	A to G
Image stabilizer type	Optical Image Stabilization (OIS)	Battery endurance per cycle *	2950 min
Night mode	✓	Repeated free fall reliability class *	A
Panorama	✓	Repairability class *	C
Slow motion mode	✓	International Protection (IP) code *	IP48
Slow motion rate	240fps in FHD, 120fps in FHD, 120fps in UHD	Weight & dimensions	
Network		Width	161.4 mm
SIM card capability *	Dual SIM	Depth	4.5 mm
Mobile network generation *	5G	Height	123.9 mm
SIM card type *	NanoSIM + eSIM	Weight *	201 g
2G standards	GSM	Folded width	8.19 cm
3G standards *	WCDMA, UMTS	Folded depth	9.7 mm
4G standard *	LTE-TDD & LTE-FDD	Folded height	12.4 cm
5G standard *	Sub6 TDD, Sub6 FDD	Packaging content	
Top Wi-Fi standard *	Wi-Fi 7 (802.11be)	AC adapter included *	✗
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)	Specific absorption rate (SAR)	
Bluetooth *	✓	Head SAR (EU)	0.823 W/kg
		Body SAR (EU)	1.211 W/kg
		Extremities SAR (EU)	2.26 W/kg

Other features	
Compatibility	Galaxy Ring, Galaxy Buds Core, Galaxy Buds4 Pro, Galaxy Buds3 Pro, Galaxy Buds2 Pro, Galaxy Buds Pro, Galaxy Buds Live, Galaxy Buds+, Galaxy Buds4, Galaxy Buds3, Galaxy Buds2, Galaxy Buds, Galaxy Buds3 FE, Galaxy Buds FE, Galaxy Fit3, Galaxy Fit2, Galaxy Watch FE, Galaxy Watch Ultra2, Galaxy Watch Ultra, Galaxy Watch9, Galaxy Watch8, Galaxy Watch7, Galaxy Watch6, Galaxy Watch5, Galaxy Watch4, Galaxy Watch3, Galaxy Watch, Galaxy Watch Active2, Galaxy Watch Active
Technical details	
Security update term	31 July 2033



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