

Samsung Galaxy Z Fold8 Enterprise Edition

Brand : Samsung

Product family: Galaxy

Product code: SM-F971BZKBEEB

Product name : Galaxy Z Fold8 Enterprise Edition

- Viewing Experience
- Customised Processor
- Galaxy AI Security

Galaxy Z Fold8 Enterprise Edition

Samsung Galaxy Z Fold8 Enterprise Edition. 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: Graphite. Weight: 201 g



Display		Network	
Display diagonal *	19.3 cm (7.6")	Bluetooth *	✓
Screen shape	Flat	Bluetooth version	6.0
Display technology marketing name	Dynamic AMOLED 2X	2G bands (primary SIM)	850,1900,1800,900 MHz
Display glass type	Gorilla Glass	3G bands supported	2100,1900,850,900 MHz
Gorilla Glass version	Gorilla Glass Victus 2	4G bands supported	2100,1900,1800,850,2600,900,700,800,1500,2500,2300 MHz
Display resolution *	1848 x 2448 pixels	5G bands supported	2100,1900,1800,850,2600,900 MHz
Display number of colours	16 million colours	Wi-Fi Direct	✓
Maximum refresh rate	120 Hz	MIMO	✓
Display brightness	1500 cd/m²	Modulation	4096-QAM
Maximum display brightness (Outdoor)	3000 cd/m²	Near Field Communication (NFC)	✓
Pixel density	403 ppi	Ports & interfaces	
Second display	✓	USB connector type	USB Type-C
Second display diagonal	14 cm (5.5")	USB version	3.2 Gen 1 (3.1 Gen 1)
Second display resolution	1972 x 1248 pixels	Headphone connectivity	USB Type-C
Second display type	Dynamic AMOLED 2X	Mobile High-Definition Link (MHL)	✗
Second display pixel density	428 ppi	Navigation	
Second display glass type	Gorilla Glass	GPS (satellite)	✓
Second display refresh rate	120 Hz	GLONASS	✓
Second display Gorilla Glass version	Gorilla Glass Ceramic 3	BeiDou	✓
		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 *	Graphite
Storage			
User memory	218.6 GB		
RAM capacity *	16 GB		

Storage		Performance	
Internal storage capacity *	256 GB	Wireless charging	✓
Compatible memory cards *	Not supported	Fingerprint reader	✓
Camera		Hearing aid compatibility	✓
Rear camera sensor size	1/1.56"	Multimedia	
Second rear camera sensor size	1/2.52"	Speakers	stereo
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		MP4, M4V, 3GP, 3G2, AVI, FLV, MKV, WEBM
Third rear camera resolution (numeric)	50 MP	Software	
Fourth rear camera resolution (numeric)	50 MP	Platform *	Android
Rear camera aperture number	1.8	Battery	
Second rear camera aperture number	1.9	Removable battery	✗
Rear camera pixel size	1 µm	Battery endurance in cycles *	1200
Second rear camera pixel size	0.7 µm	Battery capacity *	4800 mAh
Rear camera field of view (FOV) angle	85°	Wireless video playback time	26 h
Second rear camera field of view (FOV) angle	120°	Sensors	
Optical zoom	2x	Proximity sensor	✓
Digital zoom	10x	Accelerometer	✓
Front camera type *	Single camera	Ambient light sensor	✓
Front camera sensor size	1/3.33"	Gyroscope	✓
Front camera resolution (numeric) *	10 MP	Barometer	✓
Front camera aperture number	2.2	Geomagnetic sensor	✓
Front camera pixel size	1.12 µm	Hall sensor	✓
Front camera field of view (FOV) angle	100°	Power	
Cover camera resolution (numeric)	10 MP	USB Type-C charging port *	✓
Cover camera aperture number	2.2	USB Type-C required charging power (min) *	10 W
Rear camera flash *	✓	USB Type-C required charging power (max) *	45 W
Flash type	LED	Endurance	
Video capture resolution (max)	7680 x 4320 pixels	Energy efficiency class *	A
Maximum frame rate	240 fps	Energy efficiency scale	A to G
Rear camera type *	Dual camera	Battery endurance per cycle *	2950 min
Auto focus	✓	Repeated free fall reliability class *	A
Image stabilizer	✓	Repairability class *	C
Image stabilizer type	Optical Image Stabilization (OIS)	International Protection (IP) code *	IP48
Night mode	✓	Weight & dimensions	
Panorama	✓	Width	161.4 mm
Slow motion mode	✓	Depth	4.5 mm
Slow motion rate	240fps in FHD, 120fps in FHD, 120fps in UHD	Height	123.9 mm
Network		Weight *	201 g
SIM card capability *	Dual SIM	Folded width	8.19 cm
Mobile network generation *	5G	Folded depth	9.7 mm
SIM card type *	NanoSIM + eSIM	Folded height	12.4 cm
2G standards	GSM	Packaging content	
3G standards *	WCDMA, UMTS	AC adapter included *	✗
4G standard *	LTE-TDD & LTE-FDD	Specific absorption rate (SAR)	
5G standard *	Sub6 TDD, Sub6 FDD	Head SAR (EU)	0.823 W/kg
Top Wi-Fi standard *	Wi-Fi 7 (802.11be)	Body SAR (EU)	1.211 W/kg
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)	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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