

Samsung Galaxy Z Fold8 Ultra 20.3 cm (8") Dual SIM 5G USB Type-C 12 GB 256 GB 5000 mAh Graphite

Brand : Samsung

Product family: Galaxy

Product code: SM-F976BZKBEUE

Product name : Galaxy Z Fold8 Ultra



Galaxy Z Fold8 Ultra
Samsung Galaxy Z Fold8 Ultra . Display diagonal: 20.3 cm (8"), Display resolution: 2504 x 2256 pixels. Processor family: Snapdragon, Processor model: 8 Elite Gen 5. RAM capacity: 12 GB, Internal storage capacity: 256 GB. Rear camera resolution (numeric): 200 MP, Rear camera type: Triple camera. SIM card capability: Dual SIM. Battery capacity: 5000 mAh. Product colour: Graphite. Weight: 215 g

Display		Network	
Display diagonal *	20.3 cm (8")	SIM card capability *	Dual SIM
Screen shape	Flat	Mobile network generation *	5G
Display technology marketing name	Dynamic AMOLED 2X	SIM card type *	NanoSIM + eSIM
Display glass type	Gorilla Glass	3G standards *	UMTS, WCDMA
Gorilla Glass version	Gorilla Glass Victus 2	4G standard *	LTE-TDD & LTE-FDD
Display resolution *	2504 x 2256 pixels	5G standard *	Sub6 TDD, Sub6 FDD
Maximum refresh rate	120 Hz	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Display brightness	1500 cd/m²	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), Wi-Fi 7 (802.11be)
Maximum display brightness (Outdoor)	3000 cd/m²	Bluetooth *	✓
Pixel density	422 ppi	Bluetooth version	6.0
Second display	✓	3G bands supported	850,900,1900,2100 MHz
Second display diagonal	16.5 cm (6.5")	4G bands supported	2100,1900,1800,2600,850,800,700,900,1500,2300,2500 MHz
Second display resolution	2520 x 1080 pixels	5G bands supported	2100,1900,1800,850,2600,900,700,800,2300,2500,3700,3500 MHz
Second display type	Dynamic AMOLED 2X	Wi-Fi Direct	✓
Second display pixel density	422 ppi	Near Field Communication (NFC)	✓
Second display glass type	Gorilla Glass	Ports & interfaces	
Second display refresh rate	120 Hz	USB connector type	USB Type-C
Second display Gorilla Glass version	Gorilla Glass Ceramic 3	USB version	3.2 Gen 1 (3.1 Gen 1)
Processor		Headphone connectivity	USB Type-C
Processor family *	Snapdragon	Navigation	
Processor model *	8 Elite Gen 5	GPS (satellite)	✓
Processor cores	8	GLONASS	✓
Processor boost frequency	4.74 GHz	BeiDou	✓
Storage		Galileo	✓
RAM capacity *	12 GB	Quasi-Zenith Satellite System (QZSS)	✓
Internal storage capacity *	256 GB	Position location *	✓
Compatible memory cards *	Not supported	Design	
Camera		Form factor *	Bar
Rear camera sensor size	1/1.3"	Product colour *	Graphite
Second rear camera sensor size	1/2.52"	Performance	
Third rear camera sensor size	1/3.94"	Wireless charging	✓
Rear camera resolution (numeric) *	200 MP	Fingerprint reader	✓
Second rear camera resolution (numeric)	50 MP	Face recognition	✓
Third rear camera resolution (numeric)	10 MP	Multimedia	
Rear camera aperture number	1.7	Audio formats supported	MP3, M4A, 3GA, AAC, OGG, OGA, WAV, AMR, AWB, FLAC, Mid, MIDI, XMF, MXMF, IMY, RTTTL, RTX, OTA, DFF, DSF, APE

Camera		Multimedia	
Second rear camera aperture number	1.9	Video formats supported	MP4, M4V, 3GP, 3G2, AVI, FLV, MKV, WEBM
Third rear camera aperture number	2.4	Software	
Rear camera pixel size	0.6 µm	Platform *	Android
Second rear camera pixel size	0.7 µm	Battery	
Third rear camera pixel size	1 µm	Battery endurance in cycles *	1200
Rear camera field of view (FOV) angle	85°	Battery capacity *	5000 mAh
Second rear camera field of view (FOV) angle	120°	Sensors	
Third rear camera field of view (FOV) angle	36°	Proximity sensor	✓
Optical zoom	3x	Accelerometer	✓
Digital zoom	30x	Ambient light sensor	✓
Front camera type *	Single camera	Gyroscope	✓
Front camera sensor size	1/3.33"	Barometer	✓
Front camera resolution (numeric) *	10 MP	Geomagnetic sensor	✓
Front camera aperture number	2.2	Hall sensor	✓
Front camera pixel size	1.12 µm	Power	
Front camera field of view (FOV) angle	85°	USB Type-C charging port *	✓
Rear camera flash *	✓	USB Type-C required charging power (min) *	10 W
Flash type	LED	USB Type-C required charging power (max) *	45 W
Maximum frame rate	240 fps	Endurance	
Rear camera type *	Triple camera	Energy efficiency class *	A
Auto focus	✓	Energy efficiency scale	A to G
Image stabilizer	✓	Battery endurance per cycle *	3070 min
Image stabilizer type	Optical Image Stabilization (OIS)	Repeated free fall reliability class *	A
Night mode	✓	Repairability class *	C
Panorama	✓	International Protection (IP) code *	IP48
Portrait mode	✓	Weight & dimensions	
Slow motion mode	✓	Width	143.2 mm
Slow motion rate	240fps in FHD, 120fps in FHD, 120fps in UHD	Depth	4.1 mm
Camera image formats supported	JPEG	Height	158.4 mm
		Weight *	215 g
		Folded width	7.28 cm
		Folded depth	8.9 mm
		Folded height	14.3 cm
		Packaging content	
		AC adapter included *	✗
		Cables included	USB Type-C to USB Type-C
		SIM card ejector pin	✓
		Specific absorption rate (SAR)	
		Head SAR (EU)	0.821 W/kg
		Body SAR (EU)	1.167 W/kg
		Extremities SAR (EU)	2.87 W/kg



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