

Samsung Galaxy Z Fold8 Ultra 20.3 cm (8") Dual SIM 5G USB Type-C 12 GB 512 GB 5000 mAh Violet

Brand : Samsung

Product family: Galaxy

Product code: SM-F976BZVCEUE

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: 512 GB. Rear camera resolution (numeric): 200 MP, Rear camera type: Triple camera. SIM card capability: Dual SIM. Battery capacity: 5000 mAh. Product colour: Violet. 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		
Pixel density	422 ppi	Bluetooth *	✓
Second display	✓	Bluetooth version	6.0
Second display diagonal	16.5 cm (6.5")	3G bands supported	850,900,1900,2100 MHz
Second display resolution	2520 x 1080 pixels	4G bands supported	2100,1900,1800,2600,850,800,700,900,1500,2300,2500 MHz
Second display type	Dynamic AMOLED 2X	5G bands supported	2100,1900,1800,850,2600,900,700,800,2300,2500,3700,3500 MHz
Second display pixel density	422 ppi	Wi-Fi Direct	✓
Second display glass type	Gorilla Glass	Near Field Communication (NFC)	✓
Second display refresh rate	120 Hz	Ports & interfaces	
Second display Gorilla Glass version	Gorilla Glass Ceramic 3	USB connector type	USB Type-C
Processor		USB version	3.2 Gen 1 (3.1 Gen 1)
Processor family *	Snapdragon	Headphone connectivity	USB Type-C
Processor model *	8 Elite Gen 5	Navigation	
Processor cores	8	GPS (satellite)	✓
Processor boost frequency	4.74 GHz	GLONASS	✓
Storage		BeiDou	✓
RAM capacity *	12 GB	Galileo	✓
Internal storage capacity *	512 GB	Quasi-Zenith Satellite System (QZSS)	✓
Compatible memory cards *	Not supported	Position location *	✓
Camera		Design	
Rear camera sensor size	1/1.3"	Form factor *	Bar
Second rear camera sensor size	1/2.52"	Product colour *	Violet
Third rear camera sensor size	1/3.94"	Colour name	Violet Shadow
Rear camera resolution (numeric) *	200 MP	Performance	
Second rear camera resolution (numeric)	50 MP	Wireless charging	✓
Third rear camera resolution (numeric)	10 MP	Fingerprint reader	✓
Rear camera aperture number	1.7	Face recognition	✓

Camera		Multimedia	
Second rear camera aperture number	1.9	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 aperture number	2.4		
Rear camera pixel size	0.6 µm	Video formats supported	MP4, M4V, 3GP, 3G2, AVI, FLV, MKV, WEBM
Second rear camera pixel size	0.7 µm		
Third rear camera pixel size	1 µm	Software	
Rear camera field of view (FOV) angle	85°	Platform *	Android
Second rear camera field of view (FOV) angle	120°	Battery	
Third rear camera field of view (FOV) angle	36°	Battery endurance in cycles *	1200
Optical zoom	3x	Battery capacity *	5000 mAh
Digital zoom	30x	Sensors	
Front camera type *	Single camera	Proximity sensor	✓
Front camera sensor size	1/3.33"	Accelerometer	✓
Front camera resolution (numeric) *	10 MP	Ambient light sensor	✓
Front camera aperture number	2.2	Gyroscope	✓
Front camera pixel size	1.12 µm	Barometer	✓
Front camera field of view (FOV) angle	85°	Geomagnetic sensor	✓
Rear camera flash *	✓	Hall sensor	✓
Flash type	LED	Power	
Maximum frame rate	240 fps	USB Type-C charging port *	✓
Rear camera type *	Triple camera	USB Type-C required charging power (min) *	10 W
Auto focus	✓	USB Type-C required charging power (max) *	45 W
Image stabilizer	✓	Endurance	
Image stabilizer type	Optical Image Stabilization (OIS)	Energy efficiency class *	A
Night mode	✓	Energy efficiency scale	A to G
Panorama	✓	Battery endurance per cycle *	3070 min
Portrait mode	✓	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
Camera image formats supported	JPEG	Weight & dimensions	
		Width	143.2 mm
		Depth	4.1 mm
		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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