

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



Brand : Samsung

Product family: Galaxy

Product code: SM-F976BZVBEUE

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: Violet. Weight: 215 g

Display

Display diagonal *	20.3 cm (8")
Screen shape	Flat
Display technology marketing name	Dynamic AMOLED 2X
Display glass type	Gorilla Glass
Gorilla Glass version	Gorilla Glass Victus 2
Display resolution *	2504 x 2256 pixels
Maximum refresh rate	120 Hz
Display brightness	1500 cd/m ²
Maximum display brightness (Outdoor)	3000 cd/m ²
Pixel density	422 ppi
Second display	✓
Second display diagonal	16.5 cm (6.5")
Second display resolution	2520 x 1080 pixels
Second display type	Dynamic AMOLED 2X
Second display pixel density	422 ppi
Second display glass type	Gorilla Glass
Second display refresh rate	120 Hz
Second display Gorilla Glass version	Gorilla Glass Ceramic 3

Processor

Processor family *	Snapdragon
Processor model *	8 Elite Gen 5
Processor cores	8
Processor boost frequency	4.74 GHz

Storage

RAM capacity *	12 GB
Internal storage capacity *	256 GB
Compatible memory cards *	Not supported

Camera

Rear camera sensor size	1/1.3"
Second rear camera sensor size	1/2.52"
Third rear camera sensor size	1/3.94"
Rear camera resolution (numeric) *	200 MP
Second rear camera resolution (numeric)	50 MP
Third rear camera resolution (numeric)	10 MP
Rear camera aperture number	1.7

Network

SIM card capability *	Dual SIM
Mobile network generation *	5G
SIM card type *	NanoSIM + eSIM
3G standards *	UMTS, WCDMA
4G standard *	LTE-TDD & LTE-FDD
5G standard *	Sub6 TDD, Sub6 FDD
Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
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)
Bluetooth *	✓
Bluetooth version	6.0
3G bands supported	850,900,1900,2100 MHz
4G bands supported	2100,1900,1800,2600,850,800,700,900,1500,2300,2500 MHz
5G bands supported	2100,1900,1800,850,2600,900,700,800,2300,2500,3700,3500 MHz
Wi-Fi Direct	✓
Near Field Communication (NFC)	✓

Ports & interfaces

USB connector type	USB Type-C
USB version	3.2 Gen 1 (3.1 Gen 1)
Headphone connectivity	USB Type-C

Navigation

GPS (satellite)	✓
GLONASS	✓
BeiDou	✓
Galileo	✓
Quasi-Zenith Satellite System (QZSS)	✓
Position location *	✓

Design

Form factor *	Bar
Product colour *	Violet
Colour name	Violet Shadow

Performance

Wireless charging	✓
Fingerprint reader	✓
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 *	Dual 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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Catalog Object Cloud



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