

Samsung Galaxy Z Flip8 17.5 cm (6.9") Dual SIM 5G USB Type-C 12 GB 512 GB 4300 mAh Graphite

Brand : Samsung Product family: Galaxy Product code: SM-F776BZKHEUB

Product name : Galaxy Z Flip8

- Design
- FlexCam
- Processor

Galaxy Z Flip8

Samsung Galaxy Z Flip8 . Display diagonal: 17.5 cm (6.9"), Display resolution: 2520 x 1080 pixels. Processor frequency: 3.26 GHz, Processor family: Samsung Exynos, Processor model: 2600. RAM capacity: 12 GB, Internal storage capacity: 512 GB. Rear camera resolution (numeric): 50 MP, Rear camera type: Dual camera. SIM card capability: Dual SIM. Battery capacity: 4300 mAh. Product colour: Graphite. Weight: 180 g



Display		Network	
Display diagonal *	17.5 cm (6.9")	2G bands (primary SIM)	850,1900,1800,900 MHz
Screen shape	Flat	3G bands supported	2100,900,1900,850,1700 MHz
Display technology marketing name	Dynamic AMOLED 2X	4G bands supported	2100,700,800,1900,850,1800,1500,2300,2600,900,1700,2500 MHz
Display resolution *	2520 x 1080 pixels	5G bands supported	2100,700,1900,800,850,1800,2600,900,1700,2300,2500,3700,3500,1500 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)	2600 cd/m²	Near Field Communication (NFC)	✓
Pixel density	400 ppi	Ports & interfaces	
Second display	✓	USB connector type	USB Type-C
Second display diagonal	10.4 cm (4.1")	USB version	3.2 Gen 1 (3.1 Gen 1)
Second display resolution	1048 x 948 pixels	Headphone connectivity	USB Type-C
Second display type	Super AMOLED	Mobile High-Definition Link (MHL)	✗
Second display pixel density	342 ppi	Navigation	
Second display glass type	Gorilla Glass	GPS (satellite)	✓
Second display refresh rate	120 Hz	GLONASS	✓
Second display Gorilla Glass version	Gorilla Glass Victus 2	BeiDou	✓
		Galileo	✓
		Quasi-Zenith Satellite System (QZSS)	✓
		Position location *	✓
Processor		Design	
Processor family *	Samsung Exynos	Form factor *	Flip
Processor model *	2600	Product colour *	Graphite
Processor cores	10		
Processor frequency *	3.26 GHz		
Processor boost frequency	3.8 GHz		

Storage		Performance	
User memory	474.6 GB	Wireless charging	✓
RAM capacity *	12 GB	Fingerprint reader	✓
Internal storage capacity *	512 GB	Hearing aid compatibility	✓
Compatible memory cards *	Not supported		
Camera		Multimedia	
Rear camera sensor size	1/1.56"	Speakers	stereo
Second rear camera sensor size	1/3.2"	Audio formats supported	3GA, AAC, AMR, APE, AWB, DFF, DSF, FLAC, IMY, M4A, Mid, MIDI, MP3, MXMF, OGA, OGG, OTA, RTTTL, RTX, WAV, XMF
Rear camera resolution (numeric) *	50 MP		
Second rear camera resolution (numeric)	12 MP	Video formats supported	3G2, 3GP, AVI, FLV, M4V, MKV, MP4, WEBM
Third rear camera resolution (numeric)	50 MP		
Fourth rear camera resolution (numeric)	50 MP		
Rear camera aperture number	1.8		
Second rear camera aperture number	2.2		
Rear camera pixel size	1 µm		
Rear camera pixel size (Quad Pixel technology)	1.12 µm		
Rear camera field of view (FOV) angle	85°		
Second rear camera field of view (FOV) angle	123°		
Optical zoom	2x		
Digital zoom	10x		
Front camera type *	Single camera		
Front camera sensor size	1/3.33"		
Front camera resolution (numeric) *	10 MP		
Front camera aperture number	2.2		
Front camera pixel size	1.12 µm		
Front camera field of view (FOV) angle	85°		
Rear camera flash *	✓		
Flash type	LED		
Video capture resolution (max)	3840 x 2160 pixels		
Maximum frame rate	60 fps		
Rear camera type *	Dual camera		
Auto focus	✓		
Image stabilizer	✓		
Image stabilizer type	Optical Image Stabilization (OIS)		
Night mode	✓		
Panorama	✓		
Portrait mode	✓		
Slow motion mode	✓		
Slow motion rate	240fps @FHD, 120fps @FHD		
Network		Software	
SIM card capability *	Dual SIM	Platform *	Android
Mobile network generation *	5G		
SIM card type *	NanoSIM + eSIM		
2G standards	GSM		
3G standards *	WCDMA		
4G standard *	LTE-TDD & LTE-FDD		
5G standard *	Sub6 SDL, Sub6 TDD		
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 7 (802.11be)		
Bluetooth *	✓		
Bluetooth version	5.4		
		Battery	
		Removable battery	✗
		Battery endurance in cycles *	1200
		Battery capacity *	4300 mAh
		Wireless video playback time	31 h
		Sensors	
		Proximity sensor	✓
		Accelerometer	✓
		Ambient light sensor	✓
		Gyroscope	✓
		Barometer	✓
		Geomagnetic sensor	✓
		Hall sensor	✓
		Power	
		USB Type-C charging port *	✓
		USB Type-C required charging power (min) *	10 W
		USB Type-C required charging power (max) *	25 W
		Endurance	
		Energy efficiency class *	A
		Energy efficiency scale	A to G
		Battery endurance per cycle *	2650 min
		Repeated free fall reliability class *	A
		Repairability class *	C
		International Protection (IP) code *	IP48
		Weight & dimensions	
		Width	75.4 mm
		Depth	6.1 mm
		Height	166.9 mm
		Weight *	180 g
		Folded width	7.54 cm
		Folded depth	1.31 cm
		Folded height	8.57 cm
		Packaging content	
		AC adapter included *	✗
		Specific absorption rate (SAR)	
		Head SAR (EU)	0.74 W/kg
		Body SAR (EU)	1.158 W/kg
		Extremities SAR (EU)	3.07 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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Catalog Object Cloud



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