

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

Brand : Samsung

Product family: Galaxy

Product code: SM-F776BZWHEUB

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. 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: Cream. Weight: 180 g



Display		Network	
Display diagonal *	17.5 cm (6.9")	MIMO	✓
Screen shape	Flat	Modulation	4096-QAM
Display technology marketing name	Dynamic AMOLED 2X	Near Field Communication (NFC)	✓
Display resolution *	2520 x 1080 pixels	Ports & interfaces	
Display number of colours	16 million colours	USB connector type	USB Type-C
Maximum refresh rate	120 Hz	USB version	3.2 Gen 1 (3.1 Gen 1)
Display brightness	1500 cd/m²	Headphone connectivity	USB Type-C
Maximum display brightness (Outdoor)	2600 cd/m²	Mobile High-Definition Link (MHL)	✗
Pixel density	400 ppi	Navigation	
Second display	✓	GPS (satellite)	✓
Second display diagonal	10.4 cm (4.1")	GLONASS	✓
Second display resolution	1048 x 948 pixels	BeiDou	✓
Second display type	Super AMOLED	Galileo	✓
Second display pixel density	342 ppi	Quasi-Zenith Satellite System (QZSS)	✓
Second display glass type	Gorilla Glass	Position location *	✓
Second display refresh rate	120 Hz	Design	
Second display Gorilla Glass version	Gorilla Glass Victus 2	Form factor *	Flip
Storage		Product colour *	Cream
User memory	474.6 GB	Performance	
RAM capacity *	12 GB	Wireless charging	✓
Internal storage capacity *	512 GB		
Compatible memory cards *	Not supported		

Camera		Performance	
Rear camera sensor size	1/1.56"	Fingerprint reader	✓
Second rear camera sensor size	1/3.2"	Hearing aid compatibility	✓
Rear camera resolution (numeric) *	50 MP	Multimedia	
Second rear camera resolution (numeric)	12 MP	Speakers	stereo
Rear camera aperture number	1.8	Audio formats supported	3GA, AAC, AMR, APE, AWB, DFF, DSF, FLAC, IMY, M4A, Mid, MIDI, MP3, MXMF, OGA, OGG, OTA, RTTTL, RTX, WAV, XMF
Second rear camera aperture number	2.2		3G2, 3GP, AVI, FLV, M4V, MKV, MP4, WEBM
Rear camera pixel size	1 µm	Video formats supported	
Rear camera pixel size (Quad Pixel technology)	1.12 µm		
Rear camera field of view (FOV) angle	85°	Software	
Second rear camera field of view (FOV) angle	123°	Platform *	Android
Optical zoom	2x	Battery	
Digital zoom	10x	Removable battery	✗
Front camera type *	Single camera	Battery endurance in cycles *	1200
Front camera sensor size	1/3.33"	Battery capacity *	4300 mAh
Front camera resolution (numeric) *	10 MP	Wireless video playback time	31 h
Front camera aperture number	2.2	Sensors	
Front camera pixel size	1.12 µm	Proximity sensor	✓
Front camera field of view (FOV) angle	85°	Accelerometer	✓
Rear camera flash *	✓	Ambient light sensor	✓
Flash type	LED	Gyroscope	✓
Video capture resolution (max)	3840 x 2160 pixels	Barometer	✓
Maximum frame rate	60 fps	Geomagnetic sensor	✓
Rear camera type *	Dual camera	Hall sensor	✓
Auto focus	✓	Power	
Image stabilizer	✓	USB Type-C charging port *	✓
Image stabilizer type	Optical Image Stabilization (OIS)	USB Power Delivery (USB PD)	✓
Night mode	✓	USB Type-C required charging power (min) *	10 W
Panorama	✓	USB Type-C required charging power (max) *	25 W
Portrait mode	✓	Endurance	
Slow motion mode	✓	Energy efficiency class *	A
Slow motion rate	240fps @FHD, 120fps @FHD	Energy efficiency scale	A to G
Network		Battery endurance per cycle *	2650 min
SIM card capability *	Dual SIM	Repeated free fall reliability class *	A
Mobile network generation *	5G	Repairability class *	C
SIM card type *	NanoSIM + eSIM	International Protection (IP) code *	IP48
2G standards	GSM	Weight & dimensions	
3G standards *	WCDMA	Width	75.4 mm
4G standard *	LTE-TDD & LTE-FDD	Depth	6.1 mm
5G standard *	Sub6 SDL, Sub6 TDD	Height	166.9 mm
Top Wi-Fi standard *	Wi-Fi 7 (802.11be)	Weight *	180 g
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 7 (802.11be)	Folded width	7.54 cm
Bluetooth *	✓	Folded depth	1.31 cm
Bluetooth version	5.4	Folded height	8.57 cm
2G bands (primary SIM)	850,1900,1800,900 MHz	Packaging content	
3G bands supported	2100,900,1900,850,1700 MHz	AC adapter included *	✗
4G bands supported	2100,700,800,1900,850,1800,1500,2300,2600,900,2500 MHz	Specific absorption rate (SAR)	
5G bands supported	2100,700,1900,800,850,1800,2600,900,2300,2500,3700,3500 MHz	Head SAR (EU)	0.74 W/kg
Wi-Fi Direct	✓	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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