

Samsung Galaxy Z Flip8 17.5 cm (6.9") Dual SIM 5G USB Type-C 12 GB 256 GB 4300 mAh Graphite

Brand : Samsung Product family: Galaxy Product code: SM-F776BZKGEUE

Product name : Galaxy Z Flip8

Galaxy Z Flip8

Samsung Galaxy Z Flip8 . Display diagonal: 17.5 cm (6.9"), Display resolution: 2520 x 1080 pixels. Processor family: Samsung Exynos, Processor model: 2600. RAM capacity: 12 GB, Internal storage capacity: 256 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")	5G standard *	Sub6 TDD, Sub6 FDD
Screen shape	Flat	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Display technology marketing name	Dynamic AMOLED 2X	Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 7 (802.11be)
Display resolution *	2520 x 1080 pixels	Bluetooth *	✓
Maximum refresh rate	120 Hz	Bluetooth version	5.4
Display brightness	1500 cd/m²	3G bands supported	1900,2100,850,900 MHz
Maximum display brightness (Outdoor)	2600 cd/m²	4G bands supported	2100,1900,1800,850,2600,900,700,800,1500,2300,2500 MHz
Pixel density	400 ppi	5G bands supported	2100,1900,850,1800,2600,900,700,800,3700,3500,2500,2300 MHz
Second display	✓	Wi-Fi Direct	✓
Second display diagonal	10.4 cm (4.1")	MIMO	✓
Second display resolution	1048 x 948 pixels	Near Field Communication (NFC)	✓
Second display type	Super AMOLED	Ports & interfaces	
Second display pixel density	342 ppi	USB connector type	USB Type-C
Second display glass type	Gorilla Glass	USB version	3.2 Gen 1 (3.1 Gen 1)
Second display refresh rate	120 Hz	Headphone connectivity	USB Type-C
Second display Gorilla Glass version	Gorilla Glass Victus 2	Navigation	
Processor		GPS (satellite)	✓
Processor family *	Samsung Exynos	GLONASS	✓
Processor model *	2600	BeiDou	✓
Processor cores	10	Galileo	✓
Processor boost frequency	3.8 GHz	Quasi-Zenith Satellite System (QZSS)	✓
Storage		Position location *	✓
RAM capacity *	12 GB	Design	
Internal storage capacity *	256 GB	Form factor *	Bar
Compatible memory cards *	Not supported	Product colour *	Graphite
Camera		Performance	
Rear camera sensor size	1/1.56"	Wireless charging	✓
Second rear camera sensor size	1/3.2"	Fingerprint reader	✓
Rear camera resolution (numeric) *	50 MP	Multimedia	
Second rear camera resolution (numeric)	12 MP	Audio formats supported	MP3, M4A, 3GA, AAC, OGG, OGA, WAV, RTTTL, RTX, OTA, DFF, DSF, APE, AMR, AWB, FLAC, Mid, MIDI, XMF, MXMF, IMY
Rear camera aperture number	1.8	Video formats supported	MP4, M4V, 3GP, 3G2, AVI, FLV, MKV, WEBM
Second rear camera aperture number	2.2		
Rear camera pixel size	1 µm		

Camera		Software	
Rear camera pixel size (Quad Pixel technology)	1.12 µm	Platform *	Android
Rear camera field of view (FOV) angle	85°	Battery	
Second rear camera field of view (FOV) angle	123°	Battery endurance in cycles *	1200
Optical zoom	2x	Battery capacity *	4300 mAh
Digital zoom	10x	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 *	Dual camera	USB Type-C required charging power (min) *	10 W
Auto focus	✓	USB Type-C required charging power (max) *	25 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 *	2650 min
Portrait mode	✓	Repeated free fall reliability class *	A
Slow motion mode	✓	Repairability class *	C
Slow motion rate	240fps in FHD, 120fps in FHD	International Protection (IP) code *	IP48
Network		Weight & dimensions	
SIM card capability *	Dual SIM	Width	75.4 mm
Mobile network generation *	5G	Depth	6.1 mm
SIM card type *	NanoSIM + eSIM	Height	166.9 mm
3G standards *	WCDMA, UMTS	Weight *	180 g
4G standard *	LTE-TDD & LTE-FDD	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



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