

Samsung Galaxy Z Fold6 19.3 cm (7.6") Dual SIM Android 14 5G
USB Type-C 12 GB 512 GB 4400 mAh Silver

Brand : Samsung

Product family: Galaxy

Product code: SM-F956BZSCEUE

Product name : Z Fold6

Samsung Galaxy Z Fold6 . Display diagonal: 19.3 cm (7.6"), Display resolution: 2160 x 1856 pixels. Processor family: Snapdragon, Processor model: 8 Gen 3. RAM capacity: 12 GB, Internal storage capacity: 512 GB. Rear camera resolution (numeric): 50 MP, Rear camera type: Triple camera. SIM card capability: Dual SIM. Operating system installed: Android 14. Battery capacity: 4400 mAh. Product colour: Silver. Weight: 239 g



Display		Camera	
Display diagonal *	19.3 cm (7.6")	Night mode	✓
Screen shape	Flat	Panorama	✓
Display technology marketing name	Dynamic AMOLED 2X	Portrait mode	✓
Display glass type	Gorilla Glass	Slow motion mode	✓
Gorilla Glass version	Gorilla Glass Victus 2	Network	
Display resolution *	2160 x 1856 pixels	SIM card capability *	Dual SIM
Display number of colours	16 million colours	Mobile network generation *	5G
Maximum refresh rate	120 Hz	SIM card type *	NanoSIM + eSIM
Display brightness	1500 cd/m ²	3G standards *	UMTS, WCDMA
Maximum display brightness (Outdoor)	2600 cd/m ²	4G standard *	LTE-TDD & LTE-FDD
Pixel density	374 ppi	5G standard *	Sub6 FDD, Sub6 SDL, Sub6 TDD
Brand specific technologies	Always-on display	Wi-Fi	✓
Second display	✓	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Second display diagonal	16 cm (6.3")	Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6E (802.11ax)
Second display resolution	968 x 2376 pixels	Bluetooth *	✓
Second display brightness	1500 cd/m ²	Bluetooth version	5.3
Second display pixel density	410 ppi	Wi-Fi Direct	✓
Processor		MIMO	✓
Processor family *	Snapdragon	Modulation	1024-QAM
Processor model *	8 Gen 3	Near Field Communication (NFC)	✓
Processor cores	8	Ports & interfaces	
Processor boost frequency	3.39 GHz	USB port	✓
Storage		USB connector type	USB Type-C
RAM capacity *	12 GB	USB version	3.2 Gen 1 (3.1 Gen 1)
Internal storage capacity *	512 GB	Headphone connectivity	USB Type-C
Compatible memory cards *	Not supported	Navigation	
Camera		GPS (satellite)	✓
Rear camera sensor size	1/1.56"	GLONASS	✓
Second rear camera sensor size	1/3.2"	BeiDou	✓
Third rear camera sensor size	1/3.94"	Galileo	✓
Rear camera resolution (numeric) *	50 MP	Quasi-Zenith Satellite System (QZSS)	✓
Second rear camera resolution (numeric)	12 MP	Position location *	✓
Third rear camera resolution (numeric)	10 MP		
Rear camera resolution	6120 x 8160 pixels		
Rear camera aperture number	1.8		

Camera		Design	
Second rear camera aperture number	2.2	Form factor *	Clamshell
Third rear camera aperture number	2.4	Product colour *	Silver
Rear camera pixel size	1 µm	Colour name	Silver Shadow
Second rear camera pixel size	1.12 µm	Performance	
Third rear camera pixel size	1 µm	Fast charging	✓
Rear camera field of view (FOV) angle	85°	Wireless charging	✓
Second rear camera field of view (FOV) angle	123°	Fingerprint reader	✓
Third rear camera field of view (FOV) angle	36°	Face recognition	✓
Optical zoom	3x	USB On-The-Go support	✓
Digital zoom	30x	Multimedia	
Front camera type *	Dual camera	Audio formats supported	3GA, AAC, AMR, APE, AWB, DFF, DSF, FLAC, IMY, M4A, Mid, MIDI, MP3, MXMF, OGA, OGG, OTA, RTTTL, RTX, WAV, XMF
Front camera sensor size	1/3.24"	Video formats supported	3G2, 3GP, AVI, FLV, M4V, MKV, MP4, WEBM
Front camera resolution (numeric) *	10 MP	Software	
Second front camera resolution (numeric)	4 MP	Platform *	Android
Front camera aperture number	2.2	Operating system installed *	Android 14
Second front camera aperture number	1.8	Virtual assistant	Samsung Bixby
Front camera pixel size	1.22 µm	Battery	
Second front camera pixel size	2 µm	Battery recharge time	1.4 h
Front camera field of view (FOV) angle	85°	Battery capacity *	4400 mAh
Second front camera field of view (FOV) angle	85°	Sensors	
Rear camera flash *	✓	Proximity sensor	✓
Flash type	LED	Accelerometer	✓
Video capture resolution (max)	4320 x 7680 pixels	Ambient light sensor	✓
Maximum frame rate	240 fps	Gyroscope	✓
Resolution at capture speed	1280x720@30fps,	Barometer	✓
	1920x1080@120fps,	Geomagnetic sensor	✓
	1920x1080@240fps,	Hall sensor	✓
	1920x1080@30fps,	Power	
	1920x1080@60fps,	USB Type-C charging port *	✓
Rear camera type *	3840x2160@120fps,	USB Power Delivery (USB PD)	✓
	3840x2160@30fps,	USB Type-C required charging power (min) *	10 W
	3840x2160@60fps,	USB Type-C required charging power (max) *	25 W
	7680x4320@30fps	Endurance	
		International Protection (IP) code *	IP48
Auto focus	✓	Weight & dimensions	
Time lapse mode	✓	Width	132.6 mm
Image stabilizer	✓	Depth	5.6 mm
Image stabilizer type	Optical Image Stabilization (OIS)	Height	153.5 mm
		Weight *	239 g
		Folded width	6.81 cm
		Folded depth	1.21 cm
		Folded height	15.3 cm
		Packaging content	
		AC adapter included *	✗
		Cables included	USB Type-C
		SIM card ejector pin	✓
		Other features	
		Repairability index	7.8



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