

Samsung Galaxy Z Fold6

Brand : Samsung

Product family: Galaxy

Product code: SM-F956BLIBEUB

Product name : Galaxy Z Fold6

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Samsung Galaxy Z Fold6 . Display diagonal: 19.3 cm (7.6"), Display resolution: 2160 x 1856 pixels. Processor frequency: 3.1 GHz, Processor family: Snapdragon, Processor model: 8 Gen 3. RAM capacity: 12 GB, Internal storage capacity: 256 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: Pink. Weight: 239 g



Display		Network	
Display diagonal *	19.3 cm (7.6")	Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
Screen shape	Flat	Wi-Fi	✓
Display technology marketing name	Dynamic AMOLED 2X	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)
Panel type	AMOLED	Bluetooth *	✓
Display glass type	Corning Glass	Bluetooth version	5.3
Gorilla Glass version	Gorilla Glass Victus 2	2G bands (primary SIM)	850,1900,1800,900 MHz
Display resolution *	2160 x 1856 pixels	3G bands supported	2100,900,1900,850,1700 MHz
Display number of colours	16 million colours	4G bands supported	2100,700,800,1900,850,1800,1500,2300,2600,900,1700,2500 MHz
Maximum refresh rate	120 Hz	5G bands supported	2100,700,1900,800,850,1800,2600,900,1700,2300,2500,3700,3500,1500 MHz
Display brightness	1500 cd/m²	Wi-Fi Direct	✓
Maximum display brightness (Outdoor)	2600 cd/m²	MIMO	✓
Pixel density	374 ppi	Modulation	1024-QAM
Brand specific technologies	Always-on display	Near Field Communication (NFC)	✓
Second display	✓	Subscription	
Second display diagonal	16 cm (6.3")	Subscription type *	No subscription
Second display resolution	968 x 2376 pixels	Ports & interfaces	
Second display brightness	1500 cd/m²	USB port	✓
Second display maximum brightness	2600 cd/m²	USB connector type	USB Type-C
Second display type	Dynamic AMOLED 2X	USB version	3.2 Gen 1 (3.1 Gen 1)
Second display pixel density	410 ppi	Headphone connectivity	USB Type-C
Second display refresh rate	120 Hz	Mobile High-Definition Link (MHL)	✗
		Navigation	
		GPS (satellite)	✓
		GLONASS	✓
		BeiDou	✓

Processor		Navigation	
Processor family *	Snapdragon	Galileo	✓
Processor model *	8 Gen 3	Quasi-Zenith Satellite System (QZSS)	✓
Processor cores	8	Position location *	✓
Processor boost frequency	3.39 GHz		
Processor frequency *	3.1 GHz		
Storage		Design	
User memory	229.2 GB	Form factor *	Clamshell
RAM capacity *	12 GB	Product colour *	Pink
Internal storage capacity *	256 GB	Protection features	Water resistant
Compatible memory cards *	Not supported	Housing material	Aluminium
Camera		Performance	
Rear camera sensor size	1/1.56"	Fast charging	✓
Second rear camera sensor size	1/3.2"	Wireless charging	✓
Third rear camera sensor size	1/3.94"	Reverse wireless charging	✓
Rear camera resolution (numeric) *	50 MP	Fingerprint reader	✓
Second rear camera resolution (numeric)	12 MP	Face recognition	✓
Third rear camera resolution (numeric)	10 MP	Hearing aid compatibility	✓
Fourth rear camera resolution (numeric)	50 MP		
Rear camera resolution	8160 x 6120 pixels	Multimedia	
Rear camera aperture number	1.8	Speakers	stereo
Second rear camera aperture number	2.2	Audio formats supported	3GA, AAC, AMR, APE, AWB, DFF, DSF, FLAC, IMY, M4A, Mid, MIDI, MP3, MXMF, OGA, OGG, OTA, RTTTL, RTX, WAV, XMF
Third rear camera aperture number	2.4	Video formats supported	3G2, 3GP, AVI, FLV, M4V, MKV, MP4, WEBM
Rear camera pixel size	1 µm		
Second rear camera pixel size	1.12 µm	Software	
Third rear camera pixel size	1 µm	Platform *	Android
Rear camera field of view (FOV) angle	85°	Operating system installed *	Android 14
Second rear camera field of view (FOV) angle	123°	Virtual assistant	Samsung Bixby
Third rear camera field of view (FOV) angle	36°		
Optical zoom	3x	Battery	
Digital zoom	30x	Battery recharge time	1.4 h
Front camera type *	Single camera	Removable battery	✗
Front camera resolution (numeric) *	4 MP	Battery capacity *	4400 mAh
Front camera aperture number	1.8	Browsing time (Wi-Fi)	18 h
Cover camera resolution (numeric)	10 MP	Browsing time (4G)	18 h
Cover camera aperture number	2.2	Continuous audio playback time	77 h
Rear camera flash *	✓	Continuous video playback time	23 h
Flash type	LED	Wireless audio playback time	77 h
Video capture resolution (max)	7680 x 4320 pixels	Wireless video playback time	23 h
Maximum frame rate	30 fps	Sensors	
	1280x720@30fps, 1920x1080@120fps, 1920x1080@240fps, 1920x1080@30fps, 1920x1080@60fps, 3840x2160@120fps, 3840x2160@30fps, 3840x2160@60fps, 7680x4320@30fps	Proximity sensor	✓
Resolution at capture speed		Accelerometer	✓
		Ambient light sensor	✓
		Gyroscope	✓
		Barometer	✓
		Geomagnetic sensor	✓
		Hall sensor	✓
Rear camera type *	Triple camera	Power	
Auto focus	✓	USB Type-C charging port *	✓
Face detection	✓		
Image stabilizer	✓	Endurance	
Image stabilizer type	Optical Image Stabilization (OIS)	International Protection (IP) code *	IP48
Night mode	✓		
Portrait mode	✓	Weight & dimensions	
		Width	132.6 mm
		Depth	5.6 mm
		Height	153.5 mm
		Weight *	239 g

Camera		Weight & dimensions	
Slow motion mode	✓	Folded width	6.81 cm
Slow motion rate	240fps @FHD, 120fps @FHD, 120fps @UHD	Folded depth	1.21 cm
		Folded height	15.3 cm
Network		Packaging content	
SIM card capability *	Dual SIM	Stylus included	✓
Mobile network generation *	5G	Other features	
SIM card type *	NanoSIM + eSIM		
2G standards	GSM		
3G standards *	WCDMA		
4G standard *	LTE-TDD & LTE-FDD		
5G standard *	Sub6 SDL, Sub6 TDD	Compatibility	Galaxy Ring, Galaxy Buds3 Pro, Galaxy Buds2 Pro, Galaxy Buds Pro, Galaxy Buds Live, Galaxy Buds+, Galaxy Buds3, Galaxy Buds2, Galaxy Buds, Galaxy Buds FE, Galaxy Fit3, Galaxy Fit2, Galaxy Fit e, Galaxy Fit, Galaxy Watch FE, Galaxy Watch Ultra, Galaxy Watch7, Galaxy Watch6, Galaxy Watch5, Galaxy Watch4, Galaxy Watch3, Galaxy Watch, Galaxy Watch Active2, Galaxy Watch Active
		Repairability index	7.8
		Technical details	
		Security update term	31 July 2031



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