

Samsung Galaxy Z Flip6

Brand : Samsung      Product family: Galaxy      Product code: SM-F741BZSGEUB

Product name : Galaxy Z Flip6



6.7" + 3.4", Dynamic AMOLED 2X, 50MP + 12MP, 10MP, 12/256GB, 5G, 802.11a/b/g/n/ac/ax, Bluetooth 5.3, NFC, Android

Samsung Galaxy Z Flip6 . Display diagonal: 17 cm (6.7"), Display resolution: 2640 x 1080 pixels. Processor family: Qualcomm Snapdragon, Processor model: 8 Gen 3. 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. Operating system installed: Android 14. Battery capacity: 4000 mAh. Product colour: Silver. Weight: 187 g

Display		Network	
Display diagonal *	17 cm (6.7")	2G standards	GSM
Screen shape	Flat	3G standards *	WCDMA
Display technology marketing name	Dynamic AMOLED 2X	4G standard *	LTE-TDD & LTE-FDD
Panel type	AMOLED	5G standard *	Sub6 FDD, Sub6 SDL, Sub6 TDD
Display glass type	Corning Glass	Wi-Fi *	✓
Gorilla Glass version	Gorilla Glass Victus 2	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)
Display resolution *	2640 x 1080 pixels	Bluetooth *	✓
Display number of colours	16 million colours	Bluetooth version	5.3
Native aspect ratio	22:9	2G bands (primary SIM)	850,900,1800,1900 MHz
Maximum refresh rate	120 Hz	3G bands supported	850,900,1900,2100 MHz
Display brightness	1300 cd/m²	4G bands supported	700,800,850,900,1500,1800,1900,2100,2300,2500,2600 MHz
Maximum display brightness (Outdoor)	2600 cd/m²	5G bands supported	700,800,850,900,1800,1900,2100,2300,2500,2600,3500 MHz
Touchscreen type	Capacitive	Wi-Fi Direct	✓
Brand specific technologies	Always-on display	MIMO	✓
Rounded display corners	✓	Modulation	1024-QAM
Second display	✓	Near Field Communication (NFC)	✓
Second display diagonal	8.64 cm (3.4")	Subscription	
Second display resolution	720 x 748 pixels	Subscription type *	No subscription
Second display brightness	1000 cd/m²	Ports & interfaces	
Maximum second display brightness	1600 cd/m²	USB port *	✓
Second display type	Super AMOLED	USB connector type	USB Type-C
Second display pixel density	306 ppi	USB version	3.2 Gen 1 (3.1 Gen 1)
Second display refresh rate	60 Hz	Mobile High-Definition Link (MHL)	✗
Processor		Design	
Processor family *	Qualcomm Snapdragon	Form factor *	Flip
Processor model *	8 Gen 3	Product colour *	Silver
Processor cores	8	Colour name	Silver Shadow
Storage		International Protection (IP) code	IP48
User memory	227.7 GB	Protection features	Water resistant
RAM capacity *	12 GB	Housing material	Aluminium
Internal storage capacity *	256 GB	Performance	
Compatible memory cards *	Not supported	Fast charging	✓
Camera		Wireless charging	✓
Rear camera sensor size	1/1.56"	Reverse wireless charging	✓
Second rear camera sensor size	1/3.2"	Fingerprint reader	✓
Rear camera resolution (numeric) *	50 MP	Face recognition	✓
Second rear camera resolution (numeric)	12 MP	Hearing aid compatibility	✓
		Navigation	
		GPS (satellite)	✓

Camera		Navigation	
Rear camera resolution	8160 x 6120 pixels	GLONASS	✓
Rear camera aperture number	1.8	BeiDou	✓
Second rear camera aperture number	2.2	Galileo	✓
Rear camera pixel size	1 µm	Quasi-Zenith Satellite System (QZSS)	✓
Second rear camera pixel size	1.12 µm	Position location *	✓
Rear camera field of view (FOV) angle	85°	<b>Multimedia</b>	
Second rear camera field of view (FOV) angle	123°	Speakers	stereo
Optical zoom	2x	Audio formats supported	AAC, AMR, APE, AWB, DFF, DSF, FLAC, M4A, Mid, MIDI, MP3, MXMF, OGA, OGG, OTA, RTTTL, RTX, WAV, XMF
Digital zoom	10x	Video formats supported	3G2, 3GP, AVI, FLV, M4V, MKV, MP4, WEBM
Front camera type *	Single camera	<b>Software</b>	
Front camera resolution (numeric) *	10 MP	Platform *	Android
Front camera aperture number	2.2	Operating system installed *	Android 14
Front camera pixel size	1.22 µm	Virtual assistant	Samsung Bixby
Front camera field of view (FOV) angle	85°	<b>Battery</b>	
Rear camera flash *	✓	Battery recharge time	1.5 h
Flash type	LED	Battery capacity *	4000 mAh
Video capture resolution (max)	3840 x 2160 pixels	Browsing time (Wi-Fi)	20 h
Maximum frame rate	240 fps	Browsing time (4G)	19 h
Resolution at capture speed	1280x720@30fps,	Continuous audio playback time	68 h
	1920x1080@30fps,	Continuous video playback time	23 h
	1920x1080@60fps,	<b>Sensors</b>	
	3840x2160@30fps,	Proximity sensor	✓
	3840x2160@60fps,	Accelerometer	✓
	7680x4320@30fps	Ambient light sensor	✓
Rear camera type *	Dual camera	Gyroscope	✓
Auto focus	✓	Barometer	✓
Face detection	✓	Geomagnetic sensor	✓
Image stabilizer	✓	Hall sensor	✓
Image stabilizer type	Optical Image Stabilization (OIS)	<b>Weight &amp; dimensions</b>	
Night mode	✓	Width	71.9 mm
Portrait mode	✓	Depth	6.9 mm
<b>Network</b>		Height	165.1 mm
SIM card capability *	Dual SIM	Weight *	187 g
Mobile network generation *	5G	Folded width	7.19 cm
SIM card type *	NanoSIM + eSIM	Folded depth	1.49 cm
		Folded height	8.51 cm



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