

Samsung Galaxy Z Flip6

Brand : Samsung

Product family: Galaxy

Product code: SM-F741BZYHEUB

Product name : Galaxy Z Flip6



6.7" + 3.4", Dynamic AMOLED 2X, 50MP + 12MP, 10MP, 12/512GB, 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: 512 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: Yellow. 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/m ²	4G bands supported	700,800,850,900,1500,1800,1900,2100,2300,2500,2600 MHz
Maximum display brightness (Outdoor)	2600 cd/m ²	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/m ²	Ports & interfaces	
Maximum second display brightness	1600 cd/m ²	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 *	Yellow
Processor cores	8	International Protection (IP) code	IP48
Storage		Protection features	Water resistant
User memory	482.8 GB	Housing material	Aluminium
RAM capacity *	12 GB	Performance	
Internal storage capacity *	512 GB	Fast charging	✓
Compatible memory cards *	Not supported	Wireless charging	✓
Camera		Reverse wireless charging	✓
Rear camera sensor size	1/1.56"	Fingerprint reader	✓
Second rear camera sensor size	1/3.2"	Face recognition	✓
Rear camera resolution (numeric) *	50 MP	Hearing aid compatibility	✓
Second rear camera resolution (numeric)	12 MP	Navigation	
		GPS (satellite)	✓
		GLONASS	✓

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



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