

Samsung Galaxy Z Flip5 SM-F731B 17 cm (6.7") Dual SIM Android 13 5G USB Type-C 8 GB 512 GB 3700 mAh Graphite

Brand : Samsung

Product family: Galaxy

Product code: SM-F731BZAHEUB

Product name : SM-F731B



Samsung Galaxy Z Flip5 SM-F731B. Display diagonal: 17 cm (6.7"), Display resolution: 2640 x 1080 pixels, Display type: Dynamic AMOLED 2X. Processor family: Qualcomm Snapdragon, Processor model: 8 Gen 2. RAM capacity: 8 GB, Internal storage capacity: 512 GB. Rear camera resolution (numeric): 12 MP, Rear camera type: Dual camera. SIM card capability: Dual SIM. Operating system installed: Android 13. Battery capacity: 3700 mAh. Product colour: Graphite. Weight: 187 g

Display		Network	
Display diagonal *	17 cm (6.7")	Mobile network generation *	5G
Screen shape	Flat	SIM card type *	NanoSIM + eSIM
Display type	Dynamic AMOLED 2X	3G standards *	UMTS, WCDMA
Display glass type	Gorilla Glass	4G standard *	LTE-TDD & LTE-FDD
Gorilla Glass version	Gorilla Glass Victus 2	5G standard *	Sub6 FDD, Sub6 TDD
Display resolution *	2640 x 1080 pixels	Wi-Fi *	✓
Maximum refresh rate	120 Hz	Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6E (802.11ax)
Display brightness	900 cd/m ²	Bluetooth *	✓
Maximum display brightness (Outdoor)	1750 cd/m ²	Bluetooth version	5.3
Pixel density	425 ppi	3G bands supported	850,900,1900,2100 MHz
Brand specific technologies	Always-on display	4G bands supported	700,800,850,900,1500,1800,1900,2100,2300,2500,2600 MHz
Second display	✓	5G bands supported	700,800,850,900,1800,1900,2100,2300,2500,2600,3500,3700 MHz
Second display diagonal	8.64 cm (3.4")	Wi-Fi Direct	✓
Second display resolution	720 x 748 pixels	Near Field Communication (NFC)	✓
Second display brightness	1000 cd/m ²	Ports & interfaces	
Second display type	Super AMOLED	USB port *	✓
Second display pixel density	306 ppi	USB connector type	USB Type-C
Second display refresh rate	60 Hz	USB version	3.2 Gen 1 (3.1 Gen 1)
Processor		Headphone connectivity	USB Type-C
Processor family *	Qualcomm Snapdragon	Design	
Processor model *	8 Gen 2	Form factor *	Clamshell
Processor cores	8	Product colour *	Graphite
Processor boost frequency	3.36 GHz	International Protection (IP) code	IPX8
Storage		Protection features	Water resistant
RAM capacity *	8 GB	Housing material	Aluminium
Internal storage capacity *	512 GB	Performance	
Camera		Fast charging	✓
Rear camera sensor size	1/1.76"	Wireless charging	✓
Second rear camera sensor size	1/3.21"	Fingerprint reader	✓
Rear camera resolution (numeric) *	12 MP	Face recognition	✓
Second rear camera resolution (numeric)	12 MP	USB On-The-Go support	✓
Rear camera resolution	3000 x 4000 pixels	Navigation	
Rear camera aperture number	1.8	GPS (satellite)	✓
Second rear camera aperture number	2.2	GLONASS	✓
Rear camera pixel size	1.8 µm	BeiDou	✓
Second rear camera pixel size	1.12 µm	Galileo	✓
Rear camera field of view (FOV) angle	83°	Quasi-Zenith Satellite System (QZSS)	✓
Second rear camera field of view (FOV) angle	123°	Position location *	✓
		Multimedia	
		Equalizer	✓
		Audio system	Dolby Atmos

Camera		Multimedia	
Digital zoom	10x	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 type *	Single camera	Video formats supported	3G2, 3GP, AVI, FLV, M4V, MKV, MP4, WEBM
Front camera sensor size	1/3.24"	Software	
Front camera resolution (numeric) *	10 MP	Platform *	Android
Front camera aperture number	2.2	Operating system installed *	Android 13
Front camera pixel size	1.22 µm	Battery	
Front camera field of view (FOV) angle	85°	Battery capacity *	3700 mAh
Rear camera flash *	✓	Continuous audio playback time	57 h
Flash type	LED	Continuous video playback time	20 h
Video capture resolution (max)	3840 x 2160 pixels	Sensors	
Maximum frame rate	960 fps	Proximity sensor	✓
Resolution at capture speed	1280x720@30fps, 1920x1080@30fps, 1920x1080@60fps, 3840x2160@30fps, 3840x2160@60fps	Accelerometer	✓
Rear camera type *	Dual camera	Ambient light sensor	✓
Auto focus	✓	Gyroscope	✓
Time lapse mode	✓	Barometer	✓
Image stabilizer	✓	Geomagnetic sensor	✓
Image stabilizer type	Optical Image Stabilization (OIS)	Hall sensor	✓
Night mode	✓	Weight & dimensions	
Panorama	✓	Width	71.9 mm
Portrait mode	✓	Depth	6.9 mm
Network		Height	165.1 mm
SIM card capability *	Dual SIM	Weight *	187 g
		Folded width	7.19 cm
		Folded depth	1.51 cm
		Folded height	8.51 cm



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