

# Samsung Galaxy Z Flip5 SM-F731B 17 cm (6.7") Dual SIM Android 13 5G USB Type-C 8 GB 256 GB 3700 mAh Graphite



**Brand :** Samsung

**Product family:** Galaxy

**Product code:** SM-F731BZAGEUB

**Product name :** SM-F731B

Samsung Galaxy Z Flip5 SM-F731B. Display diagonal: 17 cm (6.7"), Display resolution: 2640 x 1080 pixels, Display type: OLED. Processor family: Qualcomm Snapdragon, Processor model: 8 Gen 2. RAM capacity: 8 GB, Internal storage capacity: 256 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")	SIM card capability *	Dual SIM
Screen shape	Flat	Mobile network generation *	5G
Display type	OLED	SIM card type *	NanoSIM + eSIM
Display technology marketing name	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 <sup>2</sup>	Bluetooth *	✓
Maximum display brightness (Outdoor)	1750 cd/m <sup>2</sup>	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 <sup>2</sup>	<b>Ports &amp; interfaces</b>	
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)
<b>Processor</b>		Headphone connectivity	USB Type-C
Processor family *	Qualcomm Snapdragon	<b>Design</b>	
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
<b>Storage</b>		Protection features	Water resistant
RAM capacity *	8 GB	Housing material	Aluminium
Internal storage capacity *	256 GB	<b>Performance</b>	
<b>Camera</b>		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	<b>Navigation</b>	
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)	✓
		Position location *	✓
		<b>Multimedia</b>	
		Equalizer	✓
		Audio system	Dolby Atmos

Camera		Multimedia	
Second rear camera field of view (FOV) angle	123°	Audio formats supported	3GA, AAC, AMR, APE, AWB, DFF, DSF, FLAC, IMY, M4A, Mid, MIDI, MP3, MXMF, OGA, OGG, OTA, RTTTL, RTX, WAV, XMF
Digital zoom	10x		Video formats supported
Front camera type *	Single camera	<b>Software</b>	
Front camera sensor size	1/3.24"	Platform *	Android
Front camera resolution (numeric) *	10 MP	Operating system installed *	Android 13
Front camera aperture number	2.2	<b>Battery</b>	
Front camera pixel size	1.22 µm	Battery capacity *	3700 mAh
Front camera field of view (FOV) angle	85°	Continuous audio playback time	57 h
Rear camera flash *	✓	Continuous video playback time	20 h
Flash type	LED	<b>Sensors</b>	
Video capture resolution (max)	3840 x 2160 pixels	Proximity sensor	✓
Maximum frame rate	960 fps	Accelerometer	✓
Resolution at capture speed	1280x720@30fps,	Ambient light sensor	✓
	1920x1080@30fps,	Gyroscope	✓
	1920x1080@60fps,	Barometer	✓
	3840x2160@30fps,	Geomagnetic sensor	✓
3840x2160@60fps	Hall sensor	✓	
Rear camera type *	Dual camera	<b>Weight &amp; dimensions</b>	
Auto focus	✓	Width	71.9 mm
Time lapse mode	✓	Depth	6.9 mm
Image stabilizer	✓	Height	165.1 mm
Image stabilizer type	Optical Image Stabilization (OIS)	Weight *	187 g
Night mode	✓	Folded width	7.19 cm
Panorama	✓	Folded depth	1.51 cm
Portrait mode	✓	Folded height	8.51 cm



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