SAMSUNG

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



Brand : Samsung

Product family: Galaxy

Product code: SM-F731BZEHEUB

Product name : SM-F731B

- Our most compact Galaxy Z Flip
- The best selfie experience on a Samsung Galaxy smartphone
- The largest Cover Screen on a Galaxy Z Flip yet

Galaxy Z Flip5

Samsung Galaxy Z Flip5 SM-F731B. Display diagonal: 17 cm (6.7"), Display resolution: 2640 x 1080 pixels. 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: Cream. Weight: 187 g

Display	
Display diagonal *	17 cm (6.7")
Screen shape	Flat
Display technology marketing name	Dynamic AMOLED 2X
Panel type	OLED
Display glass type	Gorilla Glass
Gorilla Glass version	Gorilla Glass Victus 2
Display resolution *	2640 x 1080 pixels
Display number of colours	16 million colours
Maximum refresh rate	120 Hz
Display brightness	900 cd/m²
Maximum display brightness (Outdoor)	1750 cd/m²
Pixel density	425 ppi
Brand specific technologies	Always-on display
Second display	✓
Second display diagonal	8.64 cm (3.4")
Second display resolution	720 x 748 pixels
Second display brightness	1000 cd/m²
Second display type	Super AMOLED
Second display pixel density	306 ppi
Second display refresh rate	60 Hz

Processor	
Processor family *	Qualcomm Snapdragon
Processor model *	8 Gen 2
Processor cores	8
Processor boost frequency	3.36 GHz

Storage	
User memory	453.7 GB
RAM capacity *	8 GB
Internal storage capacity *	512 GB

Camera	
Rear camera sensor size	1/1.76"
Second rear camera sensor size	1/3.21"
Rear camera resolution (numeric) *	12 MP
Second rear camera resolution (numeric)	12 MP
Rear camera resolution	3000 x 4000 pixels
Rear camera aperture number	1.8
Second rear camera aperture number	2.2

Network	
SIM card capability *	Dual SIM
Mobile network generation *	5G
SIM card type *	NanoSIM + eSIM
3G standards *	UMTS, WCDMA
4G standard *	LTE-TDD & LTE-FDD
5G standard *	Sub6 FDD, Sub6 TDD
Wi-Fi *	✓
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6E (802.11ax)
Bluetooth *	✓
Bluetooth version	5.3
3G bands supported	850,900,1900,2100 MHz
4G bands supported	700,800,850,900,1500,1800,1900,2100,2300,2500,2600 MHz
5G bands supported	700,800,850,900,1800,1900,2100,2300,2500,2600,3500,3700 MHz
Wi-Fi Direct	✓
Near Field Communication (NFC)	✓

Ports & interfaces	
USB port *	✓
USB connector type	USB Type-C
USB version	3.2 Gen 1 (3.1 Gen 1)
Headphone connectivity	USB Type-C

Design	
Form factor *	Clamshell
Product colour *	Cream
International Protection (IP) code	IPX8
Protection features	Water resistant
Housing material	Aluminium

Performance	
Fast charging	✓
Wireless charging	✓
Fingerprint reader	✓
Face recognition	✓
USB On-The-Go support	✓

Navigation	
GPS (satellite)	✓
GLONASS	✓
BeiDou	✓
Galileo	✓
Quasi-Zenith Satellite System (QZSS)	✓
Position location *	✓

Camera	
Rear camera pixel size	1.8 µm
Second rear camera pixel size	1.12 µm
Rear camera field of view (FOV) angle	83°
Second rear camera field of view (FOV) angle	123°
Digital zoom	10x
Front camera type *	Single camera
Front camera sensor size	1/3.24"
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	960 fps
Resolution at capture speed	1280x720@30fps, 1920x1080@30fps, 1920x1080@60fps, 3840x2160@30fps, 3840x2160@60fps
Rear camera type *	Dual camera
Auto focus	✓
Time lapse mode	✓
Image stabilizer	✓
Image stabilizer type	Optical Image Stabilization (OIS)
Night mode	✓
Panorama	✓
Portrait mode	✓

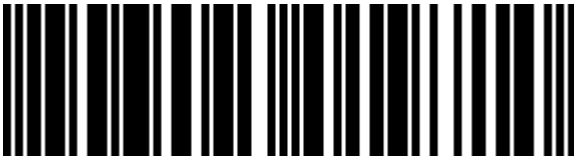
Multimedia	
Equalizer	✓
Audio system	Dolby Atmos
Audio formats supported	3GA, AAC, AMR, APE, AWB, DFF, DSF, FLAC, IMY, M4A, Mid, MIDI, MP3, MXMF, OGA, OGG, OTA, RTTTL, RTX, WAV, XMF
Video formats supported	3G2, 3GP, AVI, FLV, M4V, MKV, MP4, WEBM

Software	
Platform *	Android
Operating system installed *	Android 13

Battery	
Battery capacity *	3700 mAh
Talk time (4G)	35 h
Browsing time (Wi-Fi)	17 h
Browsing time (4G)	17 h
Continuous audio playback time	57 h
Continuous video playback time	20 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	1.51 cm
Folded height	8.51 cm



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