

Samsung Galaxy Z Flip7

Brand : Samsung
Product code: SM-F766BZKHEUB
Product name : Galaxy Z Flip7

- Slimmer, stronger and lighter than ever
 - Supercharge your selfie game with 50MP camera
 - Seamlessly use Galaxy AI with the new edge-to-edge Flex Window
- SM-F766BZKHEUB

Samsung Galaxy Z Flip7. Display diagonal: 17.5 cm (6.9"), Display resolution: 2520 x 1080 pixels. Processor frequency: 2.74 GHz, Processor family: Samsung Exynos, Processor model: 2500. 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. Battery capacity: 4300 mAh. Product colour: Black. Weight: 188 g



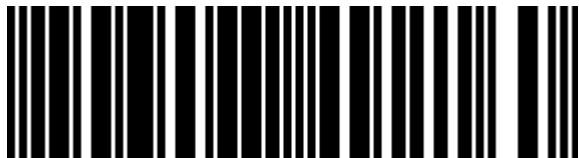
Display		Navigation	
Display diagonal *	17.5 cm (6.9")	GPS (satellite)	✓
Display technology marketing name	Dynamic AMOLED 2X	GLONASS	✓
Gorilla Glass version	Gorilla Glass Victus 2	BeiDou	✓
Display resolution *	2520 x 1080 pixels	Galileo	✓
Display number of colours	16 million colours	Quasi-Zenith Satellite System (QZSS)	✓
Maximum refresh rate	120 Hz	Design	
Second display diagonal	10.4 cm (4.1")	Form factor *	Flip
Second display resolution	1048 x 948 pixels	Product colour *	Black
Second display type	Super AMOLED	Colour name	Jetblack
Second display refresh rate	120 Hz	Performance	
Second display Gorilla Glass version	Gorilla Glass Victus 2	Fast charging	✓
Processor		Wireless charging	✓
Processor family *	Samsung Exynos	Wireless charging power	15 W
Processor model *	2500	Fingerprint reader	✓
Processor cores	10	Hearing aid compatibility	✓
Processor boost frequency	3.3 GHz	Country of origin	Vietnam
Processor frequency *	2.74 GHz	Multimedia	
Storage		Speakers	stereo
User memory	478.7 GB	Audio formats supported	3GA, AAC, AMR, APE, AWB, DFF, DSF, FLAC, IMY, M4A, Mid, MIDI, MP3, MXMF, OGA, OGG, OTA, RTTTL, RTX, WAV, XMF
RAM capacity *	12 GB		Video formats supported
Virtual RAM (max)	478.7 GB	3G2, 3GP, AVI, FLV, M4V, MKV, MP4, WEBM	
Internal storage capacity *	512 GB		
Camera			
Rear camera resolution (numeric) *	50 MP		

Camera		Software	
Second rear camera resolution (numeric)	12 MP	Platform *	Android
Third rear camera resolution (numeric)	50 MP	Battery	
Fourth rear camera resolution (numeric)	50 MP	Removable battery	✗
Rear camera aperture number	1.8	Battery capacity *	4300 mAh
Second rear camera aperture number	2.2	Wireless video playback time	31 h
Optical zoom	2x	Sensors	
Digital zoom	10x	Proximity sensor	✓
Front camera type *	Single camera	Accelerometer	✓
Front camera resolution (numeric) *	10 MP	Ambient light sensor	✓
Front camera aperture number	2.2	Gyroscope	✓
Rear camera flash *	✓	Barometer	✓
Video capture resolution (max)	3840 x 2160 pixels	Geomagnetic sensor	✓
Maximum frame rate	60 fps	Hall sensor	✓
Resolution at capture speed	3840x2160@30fps	Power	
Rear camera type *	Dual camera	USB Type-C charging port *	✓
Auto focus	✓	USB Power Delivery (USB PD)	✓
Image stabilizer	✓	USB Type-C required charging power (min) *	15 W
Image stabilizer type	Optical Image Stabilization (OIS)	USB Type-C required charging power (max) *	25 W
Night mode	✓	Endurance	
Slow motion mode	✓	Energy efficiency class *	B
Slow motion rate	240fps @FHD, 120fps @FHD	Energy efficiency scale	A to G
Network		Battery endurance per cycle *	2524 min
SIM card capability *	Dual SIM	Battery endurance in cycles *	2000
Mobile network generation *	5G	Repeated free fall reliability class *	A
SIM card type *	NanoSIM + eSIM	Repairability class *	C
2G standards	GSM	International Protection (IP) code *	IP48
3G standards *	WCDMA	Weight & dimensions	
4G standard *	LTE-TDD & LTE-FDD	Width	75.2 mm
5G standard *	Sub6 SDL, Sub6 TDD	Depth	6.5 mm
Top Wi-Fi standard *	Wi-Fi 7 (802.11be)	Height	166.7 mm
Bluetooth *	✓	Weight *	188 g
Bluetooth version	5.4	Folded width	7.52 cm
2G bands (primary SIM)	850,1900,1800,900 MHz	Folded depth	1.37 cm
3G bands supported	2100,900,1900,850,1700 MHz	Folded height	8.55 cm
4G bands supported	2100,700,800,1900,850,1800,1500,2300,2600,900,1700,2500 MHz	Certificates	
5G bands supported	2100,700,1900,800,850,1800,2600,900,1700,2300,2500,3700,3500,1500 MHz	Head SAR (EU)	0.689 W/kg
Wi-Fi Direct	✓	Body SAR (EU)	1.215 W/kg
MIMO	✓	Packaging content	
Modulation	4096-QAM	AC adapter included *	✗
Near Field Communication (NFC)	✓	Cables included	USB Type-C to USB Type-C
Ports & interfaces		SIM card ejector pin	✓
USB connector type	USB Type-C	Other features	
USB version	3.2 Gen 1 (3.1 Gen 1)	Compatibility	Galaxy Ring, Galaxy Buds Core, Galaxy Buds3 Pro, Galaxy Buds2 Pro, Galaxy Buds Pro, Galaxy Buds Live, Galaxy Buds+, Galaxy Buds3, Galaxy Buds2, Galaxy Buds, Galaxy Buds FE, Galaxy Fit3, Galaxy Fit2, Galaxy Fit e, Galaxy Fit, Galaxy Watch FE, Galaxy Watch Ultra, Galaxy Watch8, Galaxy Watch7, Galaxy Watch6, Galaxy Watch5, Galaxy Watch4, Galaxy Watch3, Galaxy Watch, Galaxy Watch Active2, Galaxy Watch Active
Headphone connectivity	USB Type-C		
Mobile High-Definition Link (MHL)	✗	Repairability index	2.9

Technical details

Security update term

31 July 2032



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Catalog Object Cloud



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