

Samsung Galaxy Z Flip 7 Z Flip7

Brand : Samsung

Product family: Galaxy

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

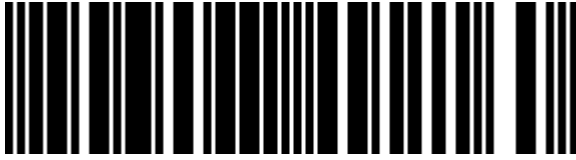
Samsung Galaxy Z Flip 7 Z Flip7. Display diagonal: 17.5 cm (6.9"), Display resolution: 2520 x 1080 pixels. Processor frequency: 2.74 GHz, Processor family: Samsung Exynos, Processor model: 2500. RAM capacity: 12 GB, Internal storage capacity: 512 GB. Rear camera resolution (numeric): 50 MP, Rear camera type: Dual camera. SIM card capability: Dual SIM. Operating system installed: Android 16.0. 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 frequency *	2.74 GHz	Country of origin	Vietnam
Processor boost frequency	3.3 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	Operating system installed *	Android 16.0
Battery			
Fourth rear camera resolution (numeric)	50 MP	Removable battery	✗
Rear camera aperture number	1.8	Battery endurance in cycles *	2000
Second rear camera aperture number	2.2	Battery capacity *	4300 mAh
Optical zoom	2x	Wireless video playback time	31 h
Digital zoom	10x	Sensors	
Front camera type *	Single camera	Proximity sensor	✓
Front camera resolution (numeric) *	10 MP	Accelerometer	✓
Front camera aperture number	2.2	Ambient light sensor	✓
Rear camera flash *	✓	Gyroscope	✓
Video capture resolution (max)	3840 x 2160 pixels	Barometer	✓
Maximum frame rate	60 fps	Geomagnetic sensor	✓
Resolution at capture speed	3840x2160@30fps	Hall sensor	✓
Rear camera type *	Dual camera	Power	
Auto focus	✓	USB Type-C charging port *	✓
Image stabilizer	✓	USB Power Delivery (USB PD)	✓
Image stabilizer type	Optical Image Stabilization (OIS)	USB Type-C required charging power (min) *	10 W
Night mode	✓	USB Type-C required charging power (max) *	25 W
Slow motion mode	✓	Endurance	
Slow motion rate	240fps @FHD, 120fps @FHD	Energy efficiency class *	B
Network		Energy efficiency scale	A to G
SIM card capability *	Dual SIM	Battery endurance per cycle *	2524 min
Mobile network generation *	5G	Repeated free fall reliability class *	A
SIM card type *	NanoSIM + eSIM	Repairability class *	C
2G standards	GSM	Repairability index	2.9
3G standards *	WCDMA	International Protection (IP) code *	IP48
4G standard *	LTE-TDD & LTE-FDD	Weight & dimensions	
5G standard *	Sub6 SDL, Sub6 TDD	Width	75.2 mm
Top Wi-Fi standard *	Wi-Fi 7 (802.11be)	Depth	6.5 mm
Bluetooth *	✓	Height	166.7 mm
Bluetooth version	5.4	Weight *	188 g
2G bands (primary SIM)	850,1900,1800,900 MHz	Folded width	7.52 cm
3G bands supported	2100,900,1900,850,1700 MHz	Folded depth	1.37 cm
4G bands supported	2100,700,800,1900,850,1800,1500,2300,2600,900,1700,2500 MHz	Folded height	8.55 cm
5G bands supported	2100,700,1900,800,850,1800,2600,900,1700,2300,2500,3700,3500,1500 MHz	Packaging content	
Wi-Fi Direct	✓	AC adapter included *	✗
MIMO	✓	Cables included	USB Type-C to USB Type-C
Modulation	4096-QAM	SIM card ejector pin	✓
Near Field Communication (NFC)	✓	Specific absorption rate (SAR)	
Ports & interfaces		Head SAR (EU)	0.689 W/kg
USB connector type	USB Type-C	Body SAR (EU)	1.215 W/kg
USB version	3.2 Gen 1 (3.1 Gen 1)		
Headphone connectivity	USB Type-C		
Mobile High-Definition Link (MHL)	✗		

Other features	
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
Technical details	
Security update term	31 July 2032



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