

Samsung Galaxy Z Flip 7 Z Flip7

Brand : Samsung Product family: Galaxy Product code: SM-F766BZKGEUB

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-F766BZKGEUB

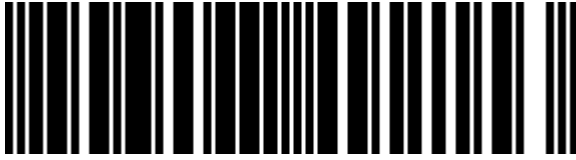
Samsung Galaxy Z Flip 7 Z Flip7. Display diagonal: 17.5 cm (6.9"), Display resolution: 2520 x 1080 pixels. Processor frequency: 2.74 GHz, Processor family: Samsung Exynos, Processor model: 2500. RAM capacity: 12 GB, Internal storage capacity: 256 GB. Rear camera resolution (numeric): 50 MP, Rear camera 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	223.8 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		
Virtual RAM (max)	223.8 GB	Camera	
Internal storage capacity *	256 GB	Rear camera resolution (numeric) *	
		50 MP	

Camera		Multimedia	
Second rear camera resolution (numeric)	12 MP	Video formats supported	3G2, 3GP, AVI, FLV, M4V, MKV, MP4, WEBM
Third rear camera resolution (numeric)	50 MP	Software	
Fourth rear camera resolution (numeric)	50 MP	Platform *	Android
Rear camera aperture number	1.8	Operating system installed *	Android 16.0
Second rear camera aperture number	2.2	Battery	
Optical zoom	2x	Removable battery	✗
Digital zoom	10x	Battery endurance in cycles *	2000
Front camera type *	Single camera	Battery capacity *	4300 mAh
Front camera resolution (numeric) *	10 MP	Wireless video playback time	31 h
Front camera aperture number	2.2	Sensors	
Rear camera flash *	✓	Proximity sensor	✓
Video capture resolution (max)	3840 x 2160 pixels	Accelerometer	✓
Maximum frame rate	60 fps	Ambient light sensor	✓
Resolution at capture speed	3840x2160@30fps	Gyroscope	✓
Rear camera type *	Dual camera	Barometer	✓
Auto focus	✓	Geomagnetic sensor	✓
Image stabilizer	✓	Hall sensor	✓
Image stabilizer type	Optical Image Stabilization (OIS)	Power	
Night mode	✓	USB Type-C charging port *	✓
Slow motion mode	✓	USB Power Delivery (USB PD)	✓
Slow motion rate	240fps @FHD, 120fps @FHD	USB Type-C required charging power (min) *	10 W
Network		USB Type-C required charging power (max) *	25 W
SIM card capability *	Dual SIM	Endurance	
Mobile network generation *	5G	Energy efficiency class *	B
SIM card type *	NanoSIM + eSIM	Energy efficiency scale	A to G
2G standards	GSM	Battery endurance per cycle *	2524 min
3G standards *	WCDMA	Repeated free fall reliability class *	A
4G standard *	LTE-TDD & LTE-FDD	Repairability class *	C
5G standard *	Sub6 SDL, Sub6 TDD	Repairability index	2.9
Top Wi-Fi standard *	Wi-Fi 7 (802.11be)	International Protection (IP) code *	IP48
Bluetooth *	✓	Weight & dimensions	
Bluetooth version	5.4	Width	75.2 mm
2G bands (primary SIM)	850,1900,1800,900 MHz	Depth	6.5 mm
3G bands supported	2100,900,1900,850,1700 MHz	Height	166.7 mm
4G bands supported	2100,700,800,1900,850,1800,1500,2300,2600,900,1700,2500 MHz	Weight *	188 g
5G bands supported	2100,700,1900,800,850,1800,2600,900,1700,2300,2500,3700,3500,1500 MHz	Folded width	7.52 cm
Wi-Fi Direct	✓	Folded depth	1.37 cm
MIMO	✓	Folded height	8.55 cm
Modulation	4096-QAM	Packaging content	
Near Field Communication (NFC)	✓	AC adapter included *	✗
Ports & interfaces		Cables included	USB Type-C to USB Type-C
USB connector type	USB Type-C	SIM card ejector pin	✓
USB version	3.2 Gen 1 (3.1 Gen 1)	Specific absorption rate (SAR)	
Headphone connectivity	USB Type-C	Head SAR (EU)	0.689 W/kg
Mobile High-Definition Link (MHL)	✗	Body SAR (EU)	1.215 W/kg

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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