

Samsung Galaxy Z Flip7 FE 17 cm (6.7") Dual SIM Android 16.0 5G
USB Type-C 8 GB 128 GB 4000 mAh Black

Brand : Samsung Product family: Galaxy Product code: SM-F761BZKGEUB

Product name : Z Flip7 FE

Samsung Galaxy Z Flip7 FE. Display diagonal: 17 cm (6.7"), Display resolution: 2640 x 1080 pixels. Processor frequency: 2.9 GHz, Processor family: Samsung Exynos, Processor model: 2400. RAM capacity: 8 GB, Internal storage capacity: 128 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: 4000 mAh. Product colour: Black. Weight: 187 g



Display		Network	
Display diagonal *	17 cm (6.7")	Near Field Communication (NFC)	✓
Screen shape	Flat	Ports & interfaces	
Display technology marketing name	Dynamic AMOLED 2X	USB port	✓
Panel type	AMOLED	USB connector type	USB Type-C
Display glass type	Gorilla Glass	USB version	3.2 Gen 1 (3.1 Gen 1)
Gorilla Glass version	Gorilla Glass Victus 2	Headphone connectivity	USB Type-C
Display resolution *	2640 x 1080 pixels	Mobile High-Definition Link (MHL)	✗
Display number of colours	16 million colours	Messaging	
Maximum refresh rate	120 Hz	Short Message Service (SMS)	✓
Maximum display brightness (Outdoor)	2600 cd/m²	Navigation	
Pixel density	425 ppi	GPS (satellite)	✓
Brand specific technologies	Always-on display	GLONASS	✓
Rounded display corners	✓	BeiDou	✓
Second display	✓	Galileo	✓
Second display diagonal	8.64 cm (3.4")	Quasi-Zenith Satellite System (QZSS)	✓
Second display resolution	720 x 748 pixels	Position location *	✓
Second display type	Super AMOLED	Design	
Processor		Form factor *	Flip
Processor family *	Samsung Exynos	Product colour *	Black
Processor model *	2400	Protection features	Water resistant
Processor architecture	ARM Cortex-X4+Cortex-A720+Cortex-A520	Housing material	Aluminium, Glass
Processor cores	10	Performance	
Processor boost frequency	3.2 GHz	Video call	✓
Processor frequency *	2.9 GHz	Fast charging	✓
Storage		Wireless charging	✓
User memory	98.5 GB	Fingerprint reader	✓
RAM capacity *	8 GB	Face recognition	✓
Internal storage capacity *	128 GB	Hearing aid compatibility	✓
Camera		USB On-The-Go support	✓
Rear camera resolution (numeric) *	50 MP	Multimedia	
Second rear camera resolution (numeric)	12 MP	Speakers	stereo
Third rear camera resolution (numeric)	50 MP		

Camera		Multimedia	
Fourth rear camera resolution (numeric)	50 MP	Audio formats supported	3GA, AAC, AMR, APE, AWB, DFF, DSF, FLAC, IMY, M4A, Mid, MIDI, MP3, MXMF, OGA, OGG, OTA, RTTTL, RTX, WAV, XMF
Rear camera resolution	3000 x 4000 pixels		
Rear camera aperture number	1.8	Video formats supported	3G2, 3GP, AVI, FLV, M4V, MKV, MP4, WEBM
Second rear camera aperture number	2.2		
Rear camera pixel size	1.12 µm	Software	
Rear camera field of view (FOV) angle	85°	Platform *	Android
Second rear camera field of view (FOV) angle	123°	Operating system installed *	Android 16.0
Optical zoom	2x	Battery	
Digital zoom	10x	Removable battery	✗
Front camera type *	Single camera	Battery capacity *	4000 mAh
Front camera resolution (numeric) *	10 MP	Wireless video playback time	24 h
Front camera aperture number	2.2	Sensors	
Front camera pixel size	1.22 µm	Proximity sensor	✓
Front camera field of view (FOV) angle	85°	Accelerometer	✓
Rear camera flash *	✓	Ambient light sensor	✓
Flash type	LED	Gyroscope	✓
Video capture resolution (max)	3840 x 2160 pixels	Barometer	✓
Maximum frame rate	60 fps	Geomagnetic sensor	✓
Resolution at capture speed	1920x1080@120fps,	Hall sensor	✓
	1920x1080@240fps, 3840x2160@60fps, 7680x4320@60fps	Power	
Rear camera type *	Dual camera	USB Type-C charging port *	✓
Auto focus	✓	USB Power Delivery (USB PD)	✓
Time lapse mode	✓	USB Type-C required charging power (min) *	10 W
Image stabilizer	✓	USB Type-C required charging power (max) *	25 W
Image stabilizer type	Optical Image Stabilization (OIS)	Endurance	
Night mode	✓	Energy efficiency class *	B
Portrait mode	✓	Energy efficiency scale	A to G
Slow motion mode	✓	Battery endurance per cycle *	2223 min
Slow motion rate	240fps @FHD, 120fps @FHD	Battery endurance in cycles *	1700
Network		Repeated free fall reliability class *	A
SIM card capability *	Dual SIM	Repairability class *	C
Mobile network generation *	5G	International Protection (IP) code *	IP48
SIM card type *	NanoSIM + eSIM	Weight & dimensions	
2G standards	GSM	Width	71.9 mm
3G standards *	WCDMA	Depth	6.9 mm
4G standard *	LTE-TDD & LTE-FDD	Height	165.1 mm
5G standard *	Sub6 SDL, Sub6 TDD	Weight *	187 g
Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)	Folded width	7.19 cm
Wi-Fi	✓	Folded depth	1.49 cm
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6E (802.11ax), Wi-Fi 7 (802.11be)	Folded height	8.51 cm
Bluetooth *	✓	Certificates	
Bluetooth version	5.4	Head SAR (EU)	0.839 W/kg
2G bands (primary SIM)	850,1900,1800,900 MHz	Body SAR (EU)	1.54 W/kg
3G bands supported	2100,900,1900,850,1700 MHz	Packaging content	
4G bands supported	2100,700,800,1900,850,1800,1500,2300,2600,900,1700,2500 MHz	AC adapter included *	✗
5G bands supported	2100,700,1900,800,850,1800,2600,900,1700,2300,2500,3700,3500,1500 MHz		
Wi-Fi Direct	✓		
MIMO	✓		
Modulation	1024-QAM		

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
Repairability index	2.9
Technical details	
Security update term	31 July 2032



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