SAMSUNG

Samsung Galaxy Z Flip7 (.com Only)





Brand : Samsung

Product family: Galaxy

Product code: SM-F766BLGGEUB

Product name : Galaxy Z Flip7 (Samsung.com Only)

- 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

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

Display	
Display diagonal *	17.5 cm (6.9")
Display technology marketing name	Dynamic AMOLED 2X
Panel type	AMOLED
Display glass type	Gorilla Glass
Gorilla Glass version	Gorilla Glass Victus 2
Display resolution *	2520 x 1080 pixels
Display number of colours	16 million colours
Maximum refresh rate	120 Hz
Rounded display corners	✔
Second display	✔
Second display diagonal	10.4 cm (4.1")
Second display resolution	1048 x 948 pixels
Second display type	Super AMOLED

Processor	
Processor cores	10
Processor frequency *	2.74 GHz
Processor boost frequency	3.3 GHz

Storage	
User memory	223.8 GB
RAM capacity *	12 GB
Internal storage capacity *	256 GB

Camera	
Rear camera resolution (numeric) *	50 MP

Ports & interfaces	
USB connector type	USB Type-C
USB version	3.2 Gen 1 (3.1 Gen 1)
Headphone connectivity	USB Type-C
Mobile High-Definition Link (MHL)	✘

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

Design	
Form factor *	Flip
Product colour *	Mint colour
Colour name	Mint
Housing material	Aluminium

Performance	
Fingerprint reader	✔
Hearing aid compatibility	✔

Multimedia	
Speakers	stereo

Camera

Second rear camera resolution (numeric)	12 MP
Third rear camera resolution (numeric)	50 MP
Fourth rear camera resolution (numeric)	50 MP
Rear camera aperture number	1.8
Second rear camera aperture number	2.2
Optical zoom	2x
Digital zoom	10x
Front camera type *	Single camera
Front camera resolution (numeric) *	10 MP
Front camera aperture number	2.2
Rear camera flash *	✔
Video capture resolution (max)	3840 x 2160 pixels
Maximum frame rate	60 fps
Resolution at capture speed	3840x2160@60fps
Rear camera type *	Dual camera
Auto focus	✔
Image stabilizer	✔
Image stabilizer type	Optical Image Stabilization (OIS)
Slow motion mode	✔
Slow motion rate	240fps @FHD, 120fps @FHD

Network

SIM card capability *	Dual SIM
Mobile network generation *	5G
SIM card type *	NanoSIM + eSIM
2G standards	GSM
3G standards *	WCDMA
4G standard *	LTE-TDD & LTE-FDD
5G standard *	Sub6 SDL, Sub6 TDD
Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax), Wi-Fi 6E (802.11ax), Wi-Fi 7 (802.11be)
Bluetooth *	✔
Bluetooth version	5.4
2G bands (primary SIM)	850,1900,1800,900 MHz
Frequency band	Tri-band
3G bands supported	2100,900,1900,850,1700 MHz
4G bands supported	2100,700,800,1900,850,1800,1500,2300,2600,900,1700,2500 MHz
5G bands supported	2100,700,1900,800,850,1800,2600,900,1700,2300,2500,3700,3500,1500 MHz
Wi-Fi Direct	✔
MIMO	✔
Modulation	4096-QAM
Near Field Communication (NFC)	✔

Multimedia

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

Battery

Removable battery	✘
Battery capacity *	4300 mAh
Wireless video playback time	31 h

Sensors

Proximity sensor	✔
Accelerometer	✔
Ambient light sensor	✔
Gyroscope	✔
Barometer	✔
Geomagnetic sensor	✔
Hall sensor	✔

Power

USB Type-C charging port *	✔

Endurance

Energy efficiency class *	B
Energy efficiency scale	A to G
Battery endurance per cycle *	2524 min
Battery endurance in cycles *	2000
Repeated free fall reliability class *	A
Repairability class *	C
Repairability index	2.9
International Protection (IP) code *	IP48

Weight & dimensions

Width	75.2 mm
Depth	6.5 mm
Height	166.7 mm
Weight *	188 g
Folded width	7.52 cm
Folded depth	1.37 cm
Folded height	8.55 cm

Packaging content

Cables included	USB Type-C

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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