SAMSUNG

Samsung Galaxy Z Flip6

Brand : Samsung

Product family: Galaxy

Product code: SM-F741BLBHEUB

Product name : Galaxy Z Flip6

6.7" + 3.4", Dynamic AMOLED 2X, 50MP + 12MP, 10MP, 12/512GB, 5G, 802.11a/b/g/n/ac/ax, Bluetooth 5.3, NFC, Android
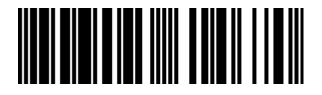Samsung Galaxy Z Flip6 . Display diagonal: 17 cm (6.7"), Display resolution: 2640 x 1080 pixels. Processor family: Qualcomm Snapdragon, Processor model: 8 Gen 3. RAM capacity: 12 GB, Internal storage capacity: 512 GB. Rear camera resolution (numeric): 50 MP, Rear camera type: Dual camera. SIM card capability: Dual SIM. Operating system installed: Android 14. Battery capacity: 4000 mAh. Product colour: Blue. Weight: 187 g

Display

Display diagonal *	17 cm (6.7")
Screen shape	Flat
Display technology marketing name	Dynamic AMOLED 2X
Panel type	AMOLED
Display glass type	Corning Glass
Gorilla Glass version	Gorilla Glass Victus 2
Display resolution *	2640 x 1080 pixels
Display number of colours	16 million colours
Native aspect ratio	22:9
Maximum refresh rate	120 Hz
Display brightness	1300 cd/m²
Maximum display brightness (Outdoor)	2600 cd/m²
Touchscreen type	Capacitive
Brand specific technologies	Always-on display
Rounded display corners	✓
Second display	✓
Second display diagonal	8.64 cm (3.4")
Second display resolution	720 x 748 pixels
Second display brightness	1000 cd/m²
Maximum second display brightness	1600 cd/m²
Second display type	Super AMOLED
Second display pixel density	306 ppi
Second display refresh rate	60 Hz

Processor

Processor family *	Qualcomm Snapdragon
Processor model *	8 Gen 3
Processor cores	8

Storage

User memory	482.8 GB
RAM capacity *	12 GB
Internal storage capacity *	512 GB
Compatible memory cards *	Not supported

Camera

Rear camera sensor size	1/1.56"
Second rear camera sensor size	1/3.2"
Rear camera resolution (numeric) *	50 MP
Second rear camera resolution (numeric)	12 MP

Network

2G standards	GSM
3G standards *	WCDMA
4G standard *	LTE-TDD & LTE-FDD
5G standard *	Sub6 FDD, Sub6 SDL, Sub6 TDD
Wi-Fi	✓
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)
Bluetooth *	✓
Bluetooth version	5.3
2G bands (primary SIM)	850,900,1800,1900 MHz
3G bands supported	850,900,1900,2100 MHz
4G bands supported	700,800,850,900,1500,1800,1900,2100,2300,2500,2600 MHz
5G bands supported	700,800,850,900,1800,1900,2100,2300,2500,2600,3500 MHz
Wi-Fi Direct	✓
MIMO	✓
Modulation	1024-QAM
Near Field Communication (NFC)	✓

Subscription

Subscription type *	No subscription

Ports & interfaces

USB port *	✓
USB connector type	USB Type-C
USB version	3.2 Gen 1 (3.1 Gen 1)
Mobile High-Definition Link (MHL)	✗

Design

Form factor *	Flip
Product colour *	Blue
International Protection (IP) code	IP48
Protection features	Water resistant
Housing material	Aluminium

Performance

Fast charging	✓
Wireless charging	✓
Reverse wireless charging	✓
Fingerprint reader	✓
Face recognition	✓
Hearing aid compatibility	✓

Navigation

GPS (satellite)	✓
GLONASS	✓

Camera

Rear camera resolution	8160 x 6120 pixels
Rear camera aperture number	1.8
Second rear camera aperture number	2.2
Rear camera pixel size	1 µm
Second rear camera pixel size	1.12 µm
Rear camera field of view (FOV) angle	85°
Second rear camera field of view (FOV) angle	123°
Optical zoom	2x
Digital zoom	10x
Front camera type *	Single camera
Front camera resolution (numeric) *	10 MP
Front camera aperture number	2.2
Front camera pixel size	1.22 µm
Front camera field of view (FOV) angle	85°
Rear camera flash *	✔
Flash type	LED
Video capture resolution (max)	3840 x 2160 pixels
Maximum frame rate	240 fps
Resolution at capture speed	1280x720@30fps, 1920x1080@30fps, 1920x1080@60fps, 3840x2160@30fps, 3840x2160@60fps, 7680x4320@30fps
Rear camera type *	Dual camera
Auto focus	✔
Face detection	✔
Image stabilizer	✔
Image stabilizer type	Optical Image Stabilization (OIS)
Night mode	✔
Portrait mode	✔

Network

SIM card capability *	Dual SIM
Mobile network generation *	5G
SIM card type *	NanoSIM + eSIM

Navigation

BeiDou	✔
Galileo	✔
Quasi-Zenith Satellite System (QZSS)	✔
Position location *	✔

Multimedia

Speakers	stereo
Audio formats supported	AAC, AMR, APE, AWB, DFF, DSF, FLAC, 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
Operating system installed *	Android 14
Virtual assistant	Samsung Bixby

Battery

Battery recharge time	1.5 h
Battery capacity *	4000 mAh
Browsing time (Wi-Fi)	20 h
Browsing time (4G)	19 h
Continuous audio playback time	68 h
Continuous video playback time	23 h

Sensors

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

Weight & dimensions

Width	71.9 mm
Depth	6.9 mm
Height	165.1 mm
Weight *	187 g
Folded width	7.19 cm
Folded depth	1.49 cm
Folded height	8.51 cm

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