

Samsung Galaxy Z Flip6(SM-F741BLBGEUB)

Samsung Galaxy Z Flip6 - 5G smartphone - dual-SIM - RAM 12 GB / Internal Memory 256 GB - OLED display - 6.7" - 2640 x 1080 pixels (120 Hz) - 2x rear cameras 50 MP, 12 MP - front camera 10 MP - blue



Galaxy Z Flip6 is lighter and more compact than ever before with a modern, slim and sleek design.

Key Selling Points

- Even better together with Galaxy AI
- Nighttime portraits are lit
- 50MP camera for stunning portraits
- Automatically zooms for your best shot
- FlexCam portraits hit different
- Long-lasting battery
- Your privacy secured
- Built to withstand

Product Features

- Even better together with Galaxy AI**  
Easily sync multiple Galaxy devices to track your health and wellness on the go.
- Nighttime portraits are lit**  
Capture stunning shots in the daylight, the dark of night and even in dimly lit areas. Use Nightography to ensure every photo shines with detail, thanks to ProVisual Engine.
- 50MP camera for stunning portraits**  
The upgraded 50MP wide rear camera processes your pics through the ProVisual Engine to capture detailed scenes and richer portraits.
- Automatically zooms for your best shot**  
FlexCam uses the power of Galaxy AI to automatically zoom in and out on subjects and provides a preview on FlexWindow for a hands-free selfie experience.
- FlexCam portraits hit different**  
Use FlexWindow to give your subject a 50MP preview. Then, snap a pic to capture bright and detailed portraits even when backlit.
- Long-lasting battery**  
Meet a super-long-lasting battery. Paired with Snapdragon 8 Gen 3 for Galaxy, you can talk, text or game to your heart's content - all day long.
- Your privacy secured**  
Quickly see which apps are accessing your information and customize your settings.
- Built to withstand**  
Built with durable Corning Gorilla Glass Victus 2 exterior and IP48 water-resistance for those unexpected spills.

Main Specifications

Product Description	Samsung Galaxy Z Flip6 - blue - 5G smartphone - 256 GB - GSM
Product Type	5G smartphone
Manufacturer Model Number	SM-F741B

Display	OLED display - 2640 x 1080 pixels - 6.7" - 425 ppi - (120 Hz) - 22:9 - Dynamic AMOLED 2X - HDR - Corning Gorilla Glass Victus 2 (scratch resistant glass) - inward - foldable
Display (2nd)	OLED display - colour - 3.4"
Processor	Qualcomm Snapdragon 8 Gen 3 for Galaxy 3.39 GHz (8-core)
Memory	RAM 12 GB / 256 GB
Operating System	Android 14 with One UI 6.1.1
Main Camera	50 Megapixel - wide-angle lens - f/1.8 - focus: automatic
Second Camera	12 Megapixel - ultra wide-angle lens - f/2.2
Front Camera	10 Megapixel f/2.2 - focus free
Service Provider	Not specified
Form Factor	Folder (flip) - touch screen, dual screen
SIM Card	Dual-SIM - nano SIM, Electronic SIM card (e-SIM)
Wireless Interface	NFC, Wi-Fi 6, Wi-Fi 6E, Bluetooth
Security Devices	Face recognition, fingerprint reader (side)
Connectors	USB-C
Wireless Charging Standards	WPC, Qi, Fast Wireless Charging 2.0, Wireless PowerShare
Protection	Water-resistant
Colour	Blue
Dimensions (WxDxH)	71.9 mm x 6.9 mm x 165.1 mm
Weight	187 g
Repairability Index	8 (out of 10)
Specific Absorption Rate (SAR)	1.09 W/kg (head)   1.511 W/kg (body)   2.59 W/kg (limb)
Manufacturer Warranty	2-year warranty

Extended Specification

General

Product Type	Smartphone
Manufacturer Model Number	SM-F741B
Form Factor	Folder (flip) - touch screen, dual screen
Protection	Water-resistant
Width	71.9 mm
Depth	6.9 mm
Height	165.1 mm
Weight	187 g
Dimensions Details	Unfolded - 71.9 mm x 6.9 mm x 165.1 mm   Folded - 71.9 mm x 14.9 mm x 85.1 mm
Body Colour	Blue
Body Material	Armour Aluminium frame, Corning Gorilla Glass Victus 2

Memory

RAM	LPDDR5X SDRAM - 12 GB
Internal Memory Capacity	256 GB
User Memory	227.7 GB

Manufacturer Warranty

Service & Support	Limited warranty - 2 years
Regional Warranty Exceptions	Spain - 3 years

Processor

Type	Qualcomm Snapdragon 8 Gen 3 for Galaxy
Clock Speed	3.39 GHz
Processor Core Qty	8-core

Miscellaneous

Compliant Standards	IEC 61960, USB 3.2 Gen 1, Android Audio Streaming for Hearing Aid (ASHA), IP48
Included Accessories	SIM card removal tool, USB-C cable

Environmental Parameters

Max Depth of Water Resistance	1.5 m
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Display

Type	OLED display
Technology	Dynamic AMOLED 2X
Diagonal Size	6.7"
Display Resolution	2640 x 1080 pixels
Display Format	Full HD+
Foldable	Yes
Design	Inward folding
Pixel Density	425 ppi
Aspect Ratio	22:9
Max Brightness	2600 cd/m²
Colour Depth	16.7 million colours
HDR	Yes
HDR Technology	HDR10+
Refresh Rate	120 Hz
Protection	Corning Gorilla Glass Victus 2 (scratch resistant glass)
Features	AOD(Always On Display), 1-120Hz adaptive refresh rate

Battery

Capacity	4000 mAh
Fast Charging Technology	Qualcomm Quick Charge 2.0, Adaptive Fast Charging
Wireless Charging	Yes
Wireless Charging Standards	WPC, Qi, Fast Wireless Charging 2.0, Wireless PowerShare
Run Time Details	Active online usage (LTE): up to 19 hrs   Active online usage (Wi-Fi): up to 20 hrs   Playback (wireless video): up to 23 hrs   Playback (wireless audio): up to 68 hrs

Communications

Data Transmission	FDD-LTE, TDD-LTE, 5G NR FR1
2G Band	850 GSM, 900 GSM, 1800 GSM, 1900 GSM
3G UMTS Band	Band 1, Band 2, Band 4, Band 5, Band 8
3G UMTS Frequency	2100, 1900, 1700, 850, 900
4G LTE Band	Band 1, Band 2, Band 3, Band 4, Band 5, Band 7, Band 8, Band 12, Band 13, Band 17, Band 18, Band 19, Band 20, Band 25, Band 26, Band 28, Band 32, Band 38, Band 39, Band 40, Band 41, Band 66
4G LTE Frequency	FDD 2100, FDD 1900 PCS, FDD 1800+, FDD 1700 - 2110 AWS, FDD 850, FDD 2600, FDD 900, FDD 700a, FDD 700c, FDD 700b, FDD 800 lower, FDD 800 upper, FDD 800 DD, FDD 1900+, FDD 850+, FDD 700 APT, FDD 1500 L, TDD 2600, TDD 1900, TDD 2300, TDD 2500, FDD 1700 - 2110 AWS-3
5G NR Band	N1, n2, n3, n5, n7, n8, n20, n28, n38, n41, n66, n75, n77, n78, n40, n25, n12, n26

5G NR Frequency	FDD 2100, FDD 1900PCS, FDD 1800, FDD 850, FDD 2600, FDD 900, FDD 800, FDD 700APT, TDD TD 2600, TDD TD 2500, FDD AWS-3, SDL DL 1500+, TDD TD 3700, TDD TD 3500, TDD 2300, FDD 1900, n12, FDD 850
Wireless Interface	NFC, IEEE 802.11a/b/g/n/ac/ax, Wi-Fi 6E, Bluetooth 5.3

Connections

Connector Type	USB Type-C - 24 pin USB-C
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Phone Features

Sensors	Accelerometer, proximity sensor, barometer, gyro sensor, hall sensor, geomagnetic sensor, light sensor
Security Devices	Face recognition, fingerprint reader (side)
Additional Features	MIMO technology, Samsung KNOX, Samsung Smart Switch, Flex mode, Samsung Knox Vault, cooling system with vapour chamber, Live Translate, Samsung Wallet, Flex Window, Multi Widget View, Flex Hinge, 7 years of Security Updates, Galaxy AI, Circle to Search, Note Assist, Interpreter, Chat Assist, Transcript Assist, 7 generations of OS upgrades, Samsung Health, Samsung Care+, SmartThings Support, Google Gemini app, Drawing Assist, Suggested replies, Photo Ambient

Cellular

Technology	WCDMA (UMTS) / GSM
Mobile Broadband Generation	5G
Service Provider	Not specified
Operating System	Android 14
User Interface	One UI 6.1.1
Navigation	GPS, GLONASS, BeiDou, Galileo, QZSS
SIM Card Type	Nano SIM, Electronic SIM card (e-SIM)
SIM Card Qty	Dual-SIM
Payment Technology	Samsung Pay
Input Device	Multi-touch

Display (2nd)

Type	OLED display - colour
Diagonal Size	3.4"
Display Resolution	720 x 748 pixels
Colour Depth	16.7 million colours

Media Player

Supported Digital Audio Standards	WAV, AAC, AMR, MP3, FLAC, XMF, OGG, MIDI, APE (Monkey's Audio), M4A, DSF, MXMF, OGA, 3GA, AWB, IMY, RTTTL, RTX, OTA, DFF, MID
Supported Digital Video Standards	MKV, FLV, AVI, 3GP, M4V, WebM, 3G2, MP4
Sound Enhancements	Dolby Atmos sound technology

Front Camera

Sensor Resolution	10 Megapixel
Lens Aperture	F/2.2
Focus Adjustment	Focus free
Field of View (FoV)	85 degree(s)
Pixel Size	1.22 µm

Main Camera

Sensor Resolution	50 Megapixel
Optical Image Stabiliser	Optical Image Stabiliser (OIS)

Lens Type	Wide-angle lens
Lens Aperture	F/1.8
Field of View (FoV)	85 degree(s)
Pixel Size	1 µm
Focus Adjustment	Automatic
Digital Zoom	10x
Camera Modes	Panorama, Slow motion mode, HYPERLAPSE, Portrait, Pro Video, Portrait video, Nightography
Light Source	LED flash
Video Resolutions	Slo-mo video 1920 x 1080 (1080p) at 120 fps, 3840 x 2160 (4K) at 60 fps, Slo-mo video 1920 x 1080 (1080p) at 240 fps
Features	Dual Pixel Autofocus technology, Single Take, Dual preview, FlexCam, Generative Edit, ProVisual Engine, Photo Assist, 2x Optical Quality Zoom, Adaptive Pixel Sensor, Instant Slow-mo, Auto Zoom

**Second Camera**

Sensor Resolution	12 Megapixel
Lens Type	Ultra wide-angle lens
Lens Aperture	F/2.2
Field of View (FoV)	123 degree(s)
Pixel Size	1.12 µm

**Sustainability Information**

Repairability Index	8 (out of 10)
Packaging Recycled Content	100 % - recycled paper

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