SAMSUNG

Samsung Galaxy Z Fold4 SM-F936B 19.3 cm (7.6") Triple SIM Android 12 5G USB Type-C 12 GB 512 GB 4400 mAh Beige

Brand : Samsung

Product family: Galaxy

Product code: SM-F936BZECEUB

Product name : SM-F936B

- The art of multitasking
- The only foldable with uninterrupted viewing, for the most immersive experience
- S Pen. Write where you need it
SM-F936BZECEUB
Samsung Galaxy Z Fold4 SM-F936B. Display diagonal: 19.3 cm (7.6"), Display resolution: 2176 x 1812 pixels. Processor family: Qualcomm Snapdragon, Processor model: 8+ Gen 1. RAM capacity: 12 GB, Internal storage capacity: 512 GB. Rear camera resolution (numeric): 50 MP, Rear camera type: Triple camera. SIM card capability: Triple SIM. Operating system installed: Android 12. Battery capacity: 4400 mAh. Product colour: Beige. Weight: 263 g
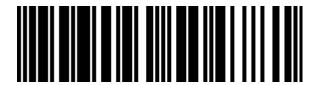
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Display

Display diagonal *	19.3 cm (7.6")
Screen shape	Flat
Display technology marketing name	Dynamic AMOLED 2X
Panel type	OLED
Display resolution *	2176 x 1812 pixels
Display number of colours	16 million colours
Maximum refresh rate	120 Hz
High Dynamic Range (HDR) supported	✔
High Dynamic Range (HDR) technology	High Dynamic Range 10+ (HDR10 Plus)
Pixel density	374 ppi
Second display	✔
Second display diagonal	15.8 cm (6.2")
Second display resolution	2316 x 904 pixels
Second display type	Dynamic AMOLED 2X
Second display pixel density	402 ppi
Second display refresh rate	120 Hz

Processor

Processor family *	Qualcomm Snapdragon
Processor model *	8+ Gen 1
Processor cores	8
Processor boost frequency	3.18 GHz

Storage

RAM capacity *	12 GB
Internal storage capacity *	512 GB

Camera

Rear camera resolution (numeric) *	50 MP
Second rear camera resolution (numeric)	12 MP
Third rear camera resolution (numeric)	10 MP
Rear camera aperture number	1.8

Camera

Panorama	✔

Network

SIM card capability *	Triple SIM
Mobile network generation *	5G
SIM card type *	NanoSIM + eSIM
4G standard *	LTE
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	5.2
Wi-Fi Direct	✔
MIMO	✔
Near Field Communication (NFC)	✔

Ports & interfaces

USB port *	✔
USB connector type	USB Type-C
Headphone connectivity	USB Type-C

Messaging

Short Message Service (SMS)	✔
Multimedia Messaging Service (MMS)	✔
E-mail	✔

Design

Form factor *	Clamshell
Product colour *	Beige
International Protection (IP) code	IPX8
Protection features	Water resistant

Performance

Video call	✔

Camera

Second rear camera aperture number	2.2
Third rear camera aperture number	2.4
Rear camera pixel size	1 μm
Second rear camera pixel size	1.12 μm
Third rear camera pixel size	1 μm
Rear camera field of view (FOV) angle	85°
Second rear camera field of view (FOV) angle	123°
Third rear camera field of view (FOV) angle	36°
Optical zoom	3x
Digital zoom	30x
Front camera type *	Dual camera
Front camera resolution (numeric) *	10 MP
Second front camera resolution (numeric)	4 MP
Front camera aperture number	2.2
Second front camera aperture number	1.8
Front camera pixel size	1.22 μm
Second front camera pixel size	2 μm
Front camera field of view (FOV) angle	85°
Second front camera field of view (FOV) angle	80°
Rear camera flash *	✔
Flash type	LED
Video capture resolution (max)	4320 x 7680 pixels
Maximum frame rate	960 fps
Resolution at capture speed	3840x2160@30fps, 3840x2160@60fps, 1280x720@30fps, 1920x1080@30fps, 1920x1080@60fps, 1280x720@960fps, 1920x1080@240fps, 7680x4320@24fps
Video recording modes	720p, 1080p, 2160p, 4320p
Rear camera type *	Triple camera
Auto focus	✔
Time lapse mode	✔
Video stabilizer	✔
Image stabilizer	✔
Image stabilizer type	Optical Image Stabilization (OIS)
Night mode	✔

Performance

Fast charging	✔
Wireless charging	✔
Fingerprint reader	✔
Face recognition	✔
Speakerphone	✔

Navigation

GPS (satellite)	✔
GLONASS	✔
BeiDou	✔
Galileo	✔
Position location *	✔

Multimedia

Speakers	stereo
Audio system	Dolby Atmos
Audio formats supported	3GA, AAC, AMR, APE, AWB, DFF, DSF, FLAC, IMY, M4A, Mid, MIDI, MP3, MXMF, OGA, OGG, OTA, RTTTL, RTX, WAV, WMA, XMF
Video formats supported	3G2, 3GP, AVI, FLV, M4V, MKV, MP4, WEBM

Software

Platform *	Android
Operating system installed *	Android 12
Virtual assistant	Samsung Bixby

Battery

Battery capacity *	4400 mAh
Wireless audio playback time	72 h
Wireless video playback time	20 h

Sensors

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

Weight & dimensions

Width	130.1 mm
Depth	6.3 mm
Height	155.1 mm
Weight *	263 g
Folded width	6.71 cm
Folded depth	1.58 cm
Folded height	15.5 cm

Certificates

Head SAR (EU)	1.301 W/kg
Body SAR (EU)	1.506 W/kg
Extremities SAR (EU)	2.83 W/kg

Packaging content

Quick start guide	✔
Cables included	USB Type-C
SIM card ejector pin	✔

Technical details

Repairability index	7.8

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