SAMSUNG

Samsung Galaxy Z Fold6 SM-F956B 19.3 cm (7.6") Dual SIM Android 14 5G USB Type-C 12 GB 256 GB 4400 mAh Pink
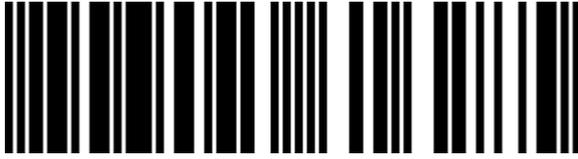
Brand : Samsung

Product family: Galaxy

Product code: SM-F956BLIBEUE

Product name : Z Fold6 SM-F956B

Samsung Galaxy Z Fold6 SM-F956B. Display diagonal: 19.3 cm (7.6"), Display resolution: 2160 x 1856 pixels. Processor family: Qualcomm Snapdragon, Processor model: 8 Gen 3. RAM capacity: 12 GB, Internal storage capacity: 256 GB. Rear camera resolution (numeric): 50 MP, Rear camera type: Triple camera. SIM card capability: Dual SIM. Operating system installed: Android 14. Battery capacity: 4400 mAh. Product colour: Pink. Weight: 239 g.

Display

Display diagonal *	19.3 cm (7.6")
Screen shape	Flat
Display technology marketing name	Dynamic AMOLED 2X
Display glass type	Gorilla Glass
Gorilla Glass version	Gorilla Glass Victus 2
Display resolution *	2160 x 1856 pixels
Display number of colours	16 million colours
Maximum refresh rate	120 Hz
Display brightness	1500 cd/m²
Maximum display brightness (Outdoor)	2600 cd/m²
Pixel density	374 ppi
Brand specific technologies	Always-on display
Second display	✓
Second display diagonal	16 cm (6.3")
Second display resolution	968 x 2376 pixels
Second display brightness	1500 cd/m²
Second display pixel density	410 ppi

Processor

Processor family *	Qualcomm Snapdragon
Processor model *	8 Gen 3
Processor cores	8
Processor boost frequency	3.39 GHz

Storage

RAM capacity *	12 GB
Internal storage capacity *	256 GB

Camera

Rear camera sensor size	1/1.56"
Second rear camera sensor size	1/3.2"
Third rear camera sensor size	1/3.94"
Rear camera resolution (numeric) *	50 MP
Second rear camera resolution (numeric)	12 MP
Third rear camera resolution (numeric)	10 MP
Rear camera resolution	6120 x 8160 pixels
Rear camera aperture number	1.8
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

Camera

Maximum frame rate	240 fps
Resolution at capture speed	1280x720@30fps, 1920x1080@120fps, 1920x1080@240fps, 1920x1080@30fps, 1920x1080@60fps, 3840x2160@120fps, 3840x2160@30fps, 3840x2160@60fps, 7680x4320@30fps
Rear camera type *	Triple camera
Auto focus	✓
Time lapse mode	✓
Image stabilizer	✓
Image stabilizer type	Optical Image Stabilization (OIS)
Night mode	✓
Panorama	✓
Portrait mode	✓

Network

SIM card capability *	Dual SIM
Mobile network generation *	5G
SIM card type *	NanoSIM + eSIM
3G standards *	UMTS, WCDMA
4G standard *	LTE-TDD & LTE-FDD
5G standard *	Sub6 FDD, 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)
Bluetooth *	✓
Bluetooth version	5.3
Wi-Fi Direct	✓
MIMO	✓
Modulation	1024-QAM
Near Field Communication (NFC)	✓

Ports & interfaces

USB port *	✓
USB connector type	USB Type-C
USB version	3.2 Gen 1 (3.1 Gen 1)
Headphone connectivity	USB Type-C

Design

Form factor *	Clamshell
Product colour *	Pink
International Protection (IP) code	IP48

Camera

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 sensor size	1/3.24"
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	85°
Rear camera flash *	✔
Flash type	LED
Video capture resolution (max)	4320 x 7680 pixels

Performance

Fast charging	✔
Wireless charging	✔
Fingerprint reader	✔
Face recognition	✔
USB On-The-Go support	✔

Navigation

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

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
Operating system installed *	Android 14
Virtual assistant	Samsung Bixby

Battery

Battery recharge time	1.4 h
Battery capacity *	4400 mAh

Sensors

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

Weight & dimensions

Width	132.6 mm
Depth	5.6 mm
Height	153.5 mm
Weight *	239 g
Folded width	6.81 cm
Folded depth	1.21 cm
Folded height	15.3 cm

Packaging content

Cables included	USB Type-C
SIM card ejector pin	✔

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