

Samsung Galaxy Z Fold7

Brand : Samsung

Product code: SM-F966BDBCEUB

Product name : Galaxy Z Fold7

- Thinner, lighter and more pocket-friendly than ever
 - Staggering 200MP camera giving you pro-grade detail
 - Unfolds to reveal a cinematic 8-inch Infinity Flex Display
- SM-F966BDBCEUB

Samsung Galaxy Z Fold7. Display diagonal: 20.3 cm (8"), Display resolution: 2184 x 1968 pixels. Processor frequency: 3.5 GHz, Processor family: Snapdragon, Processor model: 8 Gen 3. RAM capacity: 12 GB, Internal storage capacity: 512 GB. Rear camera resolution (numeric): 200 MP, Rear camera type: Triple camera. SIM card capability: Dual SIM. Operating system installed: Android 16.0. Battery capacity: 4400 mAh. Product colour: Blue. Weight: 215 g



Display		Ports & interfaces	
Display diagonal *	20.3 cm (8")	USB connector type	USB Type-C
Screen shape	Flat	USB version	3.2 Gen 1 (3.1 Gen 1)
Display technology marketing name	Dynamic AMOLED 2X	Headphone connectivity	USB Type-C
Display glass type	Corning Glass	Mobile High-Definition Link (MHL)	✗
Gorilla Glass version	Gorilla Glass Victus 2	Navigation	
Display resolution *	2184 x 1968 pixels	GPS (satellite)	✓
Display number of colours	16 million colours	GLONASS	✓
Maximum refresh rate	120 Hz	BeiDou	✓
Second display diagonal	16.5 cm (6.5")	Galileo	✓
Second display resolution	2520 x 1080 pixels	Quasi-Zenith Satellite System (QZSS)	✓
Second display type	Dynamic AMOLED 2X	Design	
Second display glass type	Gorilla Glass	Form factor *	Clamshell
Second display Gorilla Glass version	Gorilla Glass Victus 2	Product colour *	Blue
Processor		Colour name	Blue Shadow
Processor family *	Snapdragon	Performance	
Processor model *	8 Gen 3	Fast charging	✓
Processor cores	8	Wireless charging	✓
Processor boost frequency	4.47 GHz	Wireless charging power	15 W
Processor frequency *	3.5 GHz	Fingerprint reader	✓
Storage		Hearing aid compatibility	✓
User memory	474.6 GB		
RAM capacity *	12 GB		
Virtual RAM (max)	474.6 GB		

Storage		Performance	
Internal storage capacity *	512 GB	Country of origin	Vietnam
Camera		Multimedia	
Rear camera resolution (numeric) *	200 MP	Speakers	stereo
Second rear camera resolution (numeric)	12 MP	Audio formats supported	3GA, AAC, AMR, APE, AWB, DFF, DSF, FLAC, IMY, M4A, Mid, MIDI, MP3, MXMF, OGA, OGG, OTA, RTTTL, RTX, WAV, XMF
Third rear camera resolution (numeric)	10 MP		
Fourth rear camera resolution (numeric)	200 MP	Video formats supported	3G2, 3GP, AVI, FLV, M4V, MKV, MP4, WEBM
Rear camera aperture number	1.7	Software	
Second rear camera aperture number	2.2	Platform *	Android
Third rear camera aperture number	2.4	Operating system installed *	Android 16.0
Optical zoom	3x	Battery	
Digital zoom	30x	Removable battery	✗
Front camera type *	Single camera	Battery capacity *	4400 mAh
Front camera resolution (numeric) *	10 MP	Wireless video playback time	24 h
Second front camera resolution (numeric)	10 MP	Sensors	
Front camera aperture number	2.2	Proximity sensor	✓
Second front camera aperture number	2.2	Accelerometer	✓
Cover camera resolution (numeric)	10 MP	Ambient light sensor	✓
Cover camera aperture number	2.2	Gyroscope	✓
Rear camera flash *	✓	Barometer	✓
Video capture resolution (max)	7680 x 4320 pixels	Geomagnetic sensor	✓
Maximum frame rate	30 fps	Hall sensor	✓
Resolution at capture speed	7680x4320@30fps	Power	
Rear camera type *	Triple camera	USB Type-C charging port *	✓
Auto focus	✓	USB Type-C required charging power (min) *	15 W
Image stabilizer	✓	USB Type-C required charging power (max) *	25 W
Image stabilizer type	Optical Image Stabilization (OIS)	Endurance	
Night mode	✓	Energy efficiency class *	B
Slow motion mode	✓	Energy efficiency scale	A to G
Slow motion rate	240fps @FHD, 120fps @FHD, 120fps @UHD	Battery endurance per cycle *	2428 min
Network		Battery endurance in cycles *	2000
SIM card capability *	Dual SIM	Repeated free fall reliability class *	A
Mobile network generation *	5G	Repairability class *	C
SIM card type *	NanoSIM + eSIM	International Protection (IP) code *	IP48
2G standards	GSM	Weight & dimensions	
3G standards *	WCDMA	Width	143.2 mm
4G standard *	LTE-TDD & LTE-FDD	Depth	4.2 mm
5G standard *	Sub6 SDL, Sub6 TDD	Height	158.4 mm
Top Wi-Fi standard *	Wi-Fi 7 (802.11be)	Weight *	215 g
Bluetooth *	✓	Folded width	7.28 cm
Bluetooth version	5.4	Folded depth	8.9 mm
2G bands (primary SIM)	850,1900,1800,900 MHz	Folded height	15.8 cm
3G bands supported	2100,900,1900,850,1700 MHz	Certificates	
4G bands supported	2100,700,800,1900,850,1800,1500,2300,2600,900,1700,2500 MHz	Head SAR (EU)	1.418 W/kg
5G bands supported	2100,700,1900,800,850,1800,2600,900,1700,2300,2500,3700,3500,1500 MHz	Body SAR (EU)	1.242 W/kg
Wi-Fi Direct	✓	Packaging content	
MIMO	✓	AC adapter included *	✗
Modulation	4096-QAM	Cables included	USB Type-C to USB Type-C
Near Field Communication (NFC)	✓	SIM card ejector pin	✓

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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