

Samsung Galaxy Z Fold7

Brand : Samsung
Product code: SM-F966BZKBEUB
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-F966BZKBEUB

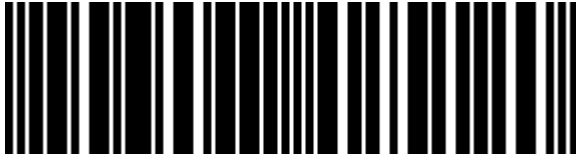
Samsung Galaxy Z Fold7. Display diagonal: 20.3 cm (8"), Display resolution: 2184 x 1968 pixels. Processor frequency: 3.5 GHz, Processor family: Snapdragon, Processor model: 8 Gen 3. RAM capacity: 12 GB, Internal storage capacity: 256 GB. Rear camera resolution (numeric): 200 MP, Rear camera type: Triple camera. SIM card capability: Dual SIM. Operating system installed: Android 16.0. Battery capacity: 4400 mAh. Product colour: Black. 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
Processor		Product colour *	Black
Processor family *	Snapdragon	Colour name	Jetblack
Processor model *	8 Gen 3	Performance	
Processor cores	8	Fast charging	✓
Processor boost frequency	4.47 GHz	Wireless charging	✓
Processor frequency *	3.5 GHz	Wireless charging power	15 W
Storage		Fingerprint reader	✓
User memory	223.6 GB	Hearing aid compatibility	✓
RAM capacity *	12 GB		
Virtual RAM (max)	223.6 GB		
Internal storage capacity *	256 GB		

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