

Samsung Galaxy Z Fold7

Brand : Samsung
Product code: SM-F966BDBNEUB
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

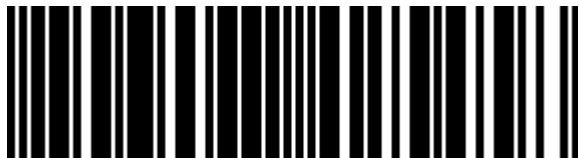
SM-F966BDBNEUB
Samsung Galaxy Z Fold7. Display diagonal: 20.3 cm (8"), Display resolution: 2184 x 1968 pixels. Processor frequency: 3.5 GHz, Processor family: Snapdragon, Processor model: 8 Gen 3. RAM capacity: 16 GB, Internal storage capacity: 1 TB. Rear camera resolution (numeric): 200 MP, Rear camera 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		Network	
Display diagonal *	20.3 cm (8")	Near Field Communication (NFC)	✓
Screen shape	Flat	Ports & interfaces	
Display technology marketing name	Dynamic AMOLED 2X	USB connector type	USB Type-C
Display glass type	Corning Glass	USB version	3.2 Gen 1 (3.1 Gen 1)
Gorilla Glass version	Gorilla Glass Victus 2	Headphone connectivity	USB Type-C
Display resolution *	2184 x 1968 pixels	Mobile High-Definition Link (MHL)	✗
Display number of colours	16 million colours	Navigation	
Maximum refresh rate	120 Hz	GPS (satellite)	✓
Second display diagonal	16.5 cm (6.5")	GLONASS	✓
Second display resolution	2520 x 1080 pixels	BeiDou	✓
Second display type	Dynamic AMOLED 2X	Galileo	✓
Second display glass type	Gorilla Glass	Quasi-Zenith Satellite System (QZSS)	✓
Second display Gorilla Glass version	Gorilla Glass Victus 2	Design	
Processor		Form factor *	Clamshell
Processor family *	Snapdragon	Product colour *	Blue
Processor model *	8 Gen 3	Colour name	Blue Shadow
Processor cores	8	Performance	
Processor boost frequency	4.47 GHz	Fast charging	✓
Processor frequency *	3.5 GHz	Wireless charging	✓
Storage		Wireless charging power	15 W
User memory	989.1 GB		
RAM capacity *	16 GB		
Virtual RAM (max)	989.1 GB		

Storage		Performance	
Internal storage capacity *	1 TB	Fingerprint reader	✓
Camera		Hearing aid compatibility	✓
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
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), 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
		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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Catalog Object Cloud



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