

Samsung Galaxy Z Fold7

Brand : Samsung

Product code: SM-F966BZKNEUB

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-F966BZKNEUB

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. Battery capacity: 4400 mAh. Product colour: Black. 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 *	Black
Processor model *	8 Gen 3	Colour name	Jetblack
Processor cores	8	Performance	
Processor frequency *	3.5 GHz	Fast charging	✓
Processor boost frequency	4.47 GHz	Wireless charging	✓
Storage		Wireless charging power	15 W
User memory	989.1 GB		
RAM capacity *	16 GB		
Virtual RAM (max)	989.1 GB		

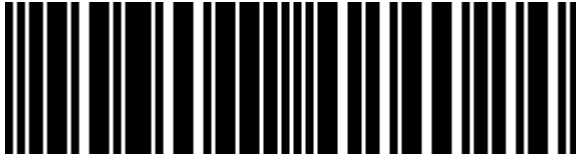
Storage		Performance	
Internal storage capacity *	1 TB	Fingerprint reader	✓
Camera		Hearing aid compatibility	✓
Rear camera resolution (numeric) *	200 MP	Country of origin	Vietnam
Second rear camera resolution (numeric)	12 MP	Multimedia	
Third rear camera resolution (numeric)	10 MP	Speakers	stereo
Fourth 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	Battery	
Digital zoom	30x	Removable battery	✗
Front camera type *	Single camera	Battery endurance in cycles *	2000
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 Power Delivery (USB PD)	✓
Image stabilizer type	Optical Image Stabilization (OIS)	USB Type-C required charging power (min) *	10 W
Night mode	✓	USB Type-C required charging power (max) *	25 W
Slow motion mode	✓	Endurance	
Slow motion rate	240fps @FHD, 120fps @FHD, 120fps @UHD	Energy efficiency class *	B
Network		Energy efficiency scale	A to G
SIM card capability *	Dual SIM	Battery endurance per cycle *	2428 min
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	Packaging content	
4G bands supported	2100,700,800,1900,850,1800,1500,2300,2600,900,1700,2500 MHz	AC adapter included *	✗
5G bands supported	2100,700,1900,800,850,1800,2600,900,1700,2300,2500,3700,3500,1500 MHz	Cables included	USB Type-C to USB Type-C
Wi-Fi Direct	✓	SIM card ejector pin	✓
MIMO	✓	Specific absorption rate (SAR)	
Modulation	4096-QAM	Head SAR (EU)	1.418 W/kg
		Body SAR (EU)	1.242 W/kg

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
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Technical details

Security update term	31 July 2032
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