

Samsung Galaxy Z Fold6

Brand : Samsung

Product family: Galaxy

Product code: SM-F956BDBCEUB

Product name : Galaxy Z Fold6

7.6" + 6.3", Dynamic AMOLED 2X, 50MP + 12MP + 10MP, 4 + 10MP, 12/512GB, 5G, 802.11a/b/g/n/ac/ax, Bluetooth 5.3, NFC, Android

Samsung Galaxy Z Fold6 . 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: 512 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: Navy. Weight: 239 g



| Display | | Network | |
|--------------------------------------|------------------------|------------------------------------|-----------------------------------------------------------------------------------------------------------|
| Display diagonal * | 19.3 cm (7.6") | SIM card capability * | Dual SIM |
| Screen shape | Flat | Mobile network generation * | 5G |
| Display technology marketing name | Dynamic AMOLED 2X | SIM card type * | NanoSIM + eSIM |
| Panel type | AMOLED | 2G standards | GSM |
| Display glass type | Corning Glass | 3G standards * | WCDMA |
| Gorilla Glass version | Gorilla Glass Victus 2 | 4G standard * | LTE-TDD & LTE-FDD |
| Display resolution * | 2160 x 1856 pixels | 5G standard * | Sub6 FDD, Sub6 SDL, Sub6 TDD |
| Display number of colours | 16 million colours | Wi-Fi * | ✓ |
| Maximum refresh rate | 120 Hz | 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) |
| Display brightness | 1500 cd/m² | Bluetooth * | ✓ |
| Maximum display brightness (Outdoor) | 2600 cd/m² | Bluetooth version | 5.3 |
| Pixel density | 374 ppi | 2G bands (primary SIM) | 900,1900,850,1800 MHz |
| Brand specific technologies | Always-on display | 3G bands supported | 900,850,1900,2100 MHz |
| Second display | ✓ | 4G bands supported | 1500,2100,700,2300,800,1800,850,1900,2500,900,2600 MHz |
| Second display diagonal | 16 cm (6.3") | 5G bands supported | 2300,700,800,1800,2500,850,1900,2600,900,2100,3500 MHz |
| Second display resolution | 968 x 2376 pixels | Wi-Fi Direct | ✓ |
| Second display brightness | 1500 Nits | MIMO | ✓ |
| Maximum second display brightness | 2600 cd/m² | Modulation | 1024-QAM |
| Second display type | Dynamic AMOLED 2X | Near Field Communication (NFC) | ✓ |
| Second display pixel density | 410 ppi | Subscription | |
| Second display refresh rate | 120 Hz | Subscription type * | No subscription |
| Processor | | Ports & interfaces | |
| Processor family * | Qualcomm Snapdragon | USB port * | ✓ |
| Processor model * | 8 Gen 3 | USB connector type | USB Type-C |
| Processor cores | 8 | USB version | 3.2 Gen 1 (3.1 Gen 1) |
| Storage | | Mobile High-Definition Link (MHL) | ✗ |
| User memory | 484 GB | Design | |
| RAM capacity * | 12 GB | Form factor * | Clamshell |
| Internal storage capacity * | 512 GB | Product colour * | Navy |
| Compatible memory cards * | Not supported | International Protection (IP) code | IP48 |
| Camera | | Protection features | Water resistant |
| | | Housing material | Aluminium |
| | | Performance | |
| | | Fast charging | ✓ |

| Camera | | Performance | |
|----------------------------------------------|-----------------------------------|--------------------------------------|----------------------------------------------------------------------------------------------------|
| Rear camera sensor size | 1/1.56" | Wireless charging | ✓ |
| Second rear camera sensor size | 1/3.2" | Reverse wireless charging | ✓ |
| Third rear camera sensor size | 1/3.94" | Fingerprint reader | ✓ |
| Rear camera resolution (numeric) * | 50 MP | Face recognition | ✓ |
| Second rear camera resolution (numeric) | 12 MP | Hearing aid compatibility | ✓ |
| Third rear camera resolution (numeric) | 10 MP | Navigation | |
| Rear camera resolution | 8160 x 6120 pixels | GPS (satellite) | ✓ |
| Rear camera aperture number | 1.8 | GLONASS | ✓ |
| Second rear camera aperture number | 2.2 | BeiDou | ✓ |
| Third rear camera aperture number | 2.4 | Galileo | ✓ |
| Rear camera pixel size | 1 µm | Quasi-Zenith Satellite System (QZSS) | ✓ |
| Second rear camera pixel size | 1.12 µm | Position location * | ✓ |
| Third rear camera pixel size | 1 µm | Multimedia | |
| Rear camera field of view (FOV) angle | 85° | Speakers | stereo |
| Second rear camera field of view (FOV) angle | 123° | Audio formats supported | MIDI, APE, AAC, AWB, MP3, RTTTL, RTX, WAV, DFF, MXMF, DSF, OGA, OGG, XMF, M4A, OTA, FLAC, AMR, Mid |
| Third rear camera field of view (FOV) angle | 36° | Video formats supported | 3GP, AVI, FLV, M4V, MKV, MP4, WEBM |
| Optical zoom | 3x | Software | |
| Digital zoom | 30x | Platform * | Android |
| Front camera type * | Single camera | Operating system installed * | Android 14 |
| Front camera resolution (numeric) * | 4 MP | Virtual assistant | Samsung Bixby |
| Front camera aperture number | 1.8 | Battery | |
| Cover camera resolution (numeric) | 10 MP | Battery recharge time | 1.4 h |
| Cover camera aperture number | 2.2 | Battery capacity * | 4400 mAh |
| Rear camera flash * | ✓ | Browsing time (Wi-Fi) | 18 h |
| Flash type | LED | Browsing time (4G) | 18 h |
| Video capture resolution (max) | 7680 x 4320 pixels | Continuous audio playback time | 77 h |
| Maximum frame rate | 240 fps | Continuous video playback time | 23 h |
| Resolution at capture speed | 1280x720@30fps, | Sensors | |
| | 1920x1080@120fps, | Proximity sensor | ✓ |
| | 1920x1080@240fps, | Accelerometer | ✓ |
| | 1920x1080@30fps, | Ambient light sensor | ✓ |
| | 1920x1080@60fps, | Gyroscope | ✓ |
| Rear camera type * | 3840x2160@120fps, | Barometer | ✓ |
| | 3840x2160@30fps, | Geomagnetic sensor | ✓ |
| | 3840x2160@60fps, | Hall sensor | ✓ |
| | 7680x4320@30fps | Weight & dimensions | |
| | | Width | 132.6 mm |
| Auto focus | ✓ | Depth | 5.6 mm |
| Face detection | ✓ | Height | 153.5 mm |
| Image stabilizer | ✓ | Weight * | 239 g |
| Image stabilizer type | Optical Image Stabilization (OIS) | Folded width | 6.81 cm |
| Night mode | ✓ | Folded depth | 1.21 cm |
| Portrait mode | ✓ | Folded height | 15.3 cm |



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