

Samsung Galaxy Z Fold6

Brand : Samsung

Product family: Galaxy

Product code: SM-F956BLIBEUB

Product name : Galaxy Z Fold6



7.6" + 6.3", Dynamic AMOLED 2X, 50MP + 12MP + 10MP, 4 + 10MP, 12/256GB, 5G, 802.11a/b/g/n/ac/ax, Bluetooth 5.3, NFC, Android

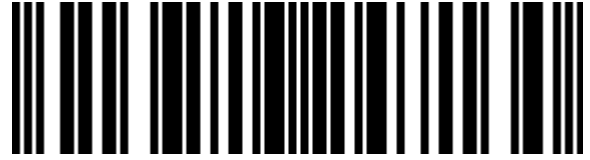
Samsung Galaxy Z Fold6 . Display diagonal: 19.3 cm (7.6"), Display resolution: 2160 x 1856 pixels. Processor family: Qualcomm Snapdragon, Processor model: 8 Gen 3. RAM capacity: 12 GB, Internal storage capacity: 256 GB. Rear camera resolution (numeric): 50 MP, Rear camera type: Triple camera. SIM card capability: Dual SIM. Operating system installed: Android 14. Battery capacity: 4400 mAh. Product colour: Pink. 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                             | 229.2 GB               | Design                             |                                                                                                           |
| RAM capacity *                          | 12 GB                  | Form factor *                      | Clamshell                                                                                                 |
| Internal storage capacity *             | 256 GB                 | Product colour *                   | Pink                                                                                                      |
| Compatible memory cards *               | Not supported          | International Protection (IP) code | IP48                                                                                                      |
| Camera                                  |                        | Protection features                | Water resistant                                                                                           |
| Rear camera sensor size                 | 1/1.56"                | Housing material                   | Aluminium                                                                                                 |
| Second rear camera sensor size          | 1/3.2"                 | Performance                        |                                                                                                           |
| Third rear camera sensor size           | 1/3.94"                | Fast charging                      | ✓                                                                                                         |
| Rear camera resolution (numeric) *      | 50 MP                  | Wireless charging                  | ✓                                                                                                         |
| Second rear camera resolution (numeric) | 12 MP                  | Reverse wireless charging          | ✓                                                                                                         |
|                                         |                        | Fingerprint reader                 | ✓                                                                                                         |
|                                         |                        | Face recognition                   | ✓                                                                                                         |
|                                         |                        | Hearing aid compatibility          | ✓                                                                                                         |

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



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