

Samsung Galaxy Z Flip7

Brand : Samsung  
Product code: SM-F766BZRHEUB  
Product name : Galaxy Z Flip7

- Slimmer, stronger and lighter than ever
- Supercharge your selfie game with 50MP camera
- Seamlessly use Galaxy AI with the new edge-to-edge Flex Window

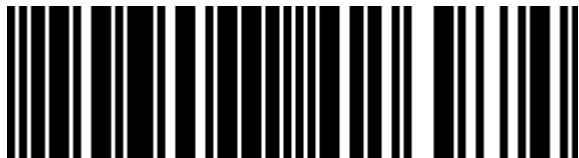
SM-F766BZRHEUB  
Samsung Galaxy Z Flip7. Display diagonal: 17.5 cm (6.9"), Display resolution: 2520 x 1080 pixels. Processor frequency: 2.74 GHz, Processor family: Samsung Exynos, Processor model: 2500. RAM capacity: 12 GB, Internal storage capacity: 512 GB. Rear camera resolution (numeric): 50 MP, Rear camera type: Dual camera. SIM card capability: Dual SIM. Battery capacity: 4300 mAh. Product colour: Coral. Weight: 188 g



| Display                              |                        | Ports & interfaces                   |          |
|--------------------------------------|------------------------|--------------------------------------|----------|
| Display diagonal *                   | 17.5 cm (6.9")         | Mobile High-Definition Link (MHL)    | ✗        |
| Display technology marketing name    | Dynamic AMOLED 2X      | Navigation                           |          |
| Gorilla Glass version                | Gorilla Glass Victus 2 | GPS (satellite)                      | ✓        |
| Display resolution *                 | 2520 x 1080 pixels     | GLONASS                              | ✓        |
| Display number of colours            | 16 million colours     | BeiDou                               | ✓        |
| Maximum refresh rate                 | 120 Hz                 | Galileo                              | ✓        |
| Second display diagonal              | 10.4 cm (4.1")         | Quasi-Zenith Satellite System (QZSS) | ✓        |
| Second display resolution            | 1048 x 948 pixels      | Design                               |          |
| Second display type                  | Super AMOLED           | Form factor *                        | Flip     |
| Second display refresh rate          | 120 Hz                 | Product colour *                     | Coral    |
| Second display Gorilla Glass version | Gorilla Glass Victus 2 | Colour name                          | Coralred |
| Processor                            |                        | Performance                          |          |
| Processor family *                   | Samsung Exynos         | Fast charging                        | ✓        |
| Processor model *                    | 2500                   | Wireless charging                    | ✓        |
| Processor cores                      | 10                     | Wireless charging power              | 15 W     |
| Processor boost frequency            | 3.3 GHz                | Fingerprint reader                   | ✓        |
| Processor frequency *                | 2.74 GHz               | Hearing aid compatibility            | ✓        |
| Storage                              |                        | Country of origin                    | Vietnam  |
| User memory                          | 478.7 GB               | Multimedia                           |          |
| RAM capacity *                       | 12 GB                  | Speakers                             | stereo   |
| Virtual RAM (max)                    | 478.7 GB               |                                      |          |
| Internal storage capacity *          | 512 GB                 |                                      |          |

| Camera                                  |                                                                       | Multimedia                                 |                                                                                                              |
|-----------------------------------------|-----------------------------------------------------------------------|--------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| Rear camera resolution (numeric) *      | 50 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 |
| Second rear camera resolution (numeric) | 12 MP                                                                 |                                            |                                                                                                              |
| Third rear camera resolution (numeric)  | 50 MP                                                                 | Video formats supported                    | 3G2, 3GP, AVI, FLV, M4V, MKV, MP4, WEBM                                                                      |
| Fourth rear camera resolution (numeric) | 50 MP                                                                 |                                            |                                                                                                              |
| Rear camera aperture number             | 1.8                                                                   | Software                                   |                                                                                                              |
| Second rear camera aperture number      | 2.2                                                                   | Platform *                                 | Android                                                                                                      |
| Optical zoom                            | 2x                                                                    | Battery                                    |                                                                                                              |
| Digital zoom                            | 10x                                                                   | Removable battery                          | ✗                                                                                                            |
| Front camera type *                     | Single camera                                                         | Battery capacity *                         | 4300 mAh                                                                                                     |
| Front camera resolution (numeric) *     | 10 MP                                                                 | Wireless video playback time               | 31 h                                                                                                         |
| Front camera aperture number            | 2.2                                                                   | Sensors                                    |                                                                                                              |
| Rear camera flash *                     | ✓                                                                     | Proximity sensor                           | ✓                                                                                                            |
| Video capture resolution (max)          | 3840 x 2160 pixels                                                    | Accelerometer                              | ✓                                                                                                            |
| Maximum frame rate                      | 60 fps                                                                | Ambient light sensor                       | ✓                                                                                                            |
| Resolution at capture speed             | 3840x2160@30fps                                                       | Gyroscope                                  | ✓                                                                                                            |
| Rear camera type *                      | Dual camera                                                           | Barometer                                  | ✓                                                                                                            |
| Auto focus                              | ✓                                                                     | Geomagnetic sensor                         | ✓                                                                                                            |
| Image stabilizer                        | ✓                                                                     | Hall sensor                                | ✓                                                                                                            |
| Image stabilizer type                   | Optical Image Stabilization (OIS)                                     | Power                                      |                                                                                                              |
| Night mode                              | ✓                                                                     | USB Type-C charging port *                 | ✓                                                                                                            |
| Slow motion mode                        | ✓                                                                     | USB Type-C required charging power (min) * | 15 W                                                                                                         |
| Slow motion rate                        | 240fps @FHD, 120fps @FHD                                              | USB Type-C required charging power (max) * | 25 W                                                                                                         |
| Network                                 |                                                                       | Endurance                                  |                                                                                                              |
| SIM card capability *                   | Dual SIM                                                              | Energy efficiency class *                  | B                                                                                                            |
| Mobile network generation *             | 5G                                                                    | Energy efficiency scale                    | A to G                                                                                                       |
| SIM card type *                         | NanoSIM + eSIM                                                        | Battery endurance per cycle *              | 2524 min                                                                                                     |
| 2G standards                            | GSM                                                                   | Battery endurance in cycles *              | 2000                                                                                                         |
| 3G standards *                          | WCDMA                                                                 | Repeated free fall reliability class *     | A                                                                                                            |
| 4G standard *                           | LTE-TDD & LTE-FDD                                                     | Repairability class *                      | C                                                                                                            |
| 5G standard *                           | Sub6 SDL, Sub6 TDD                                                    | International Protection (IP) code *       | IP48                                                                                                         |
| Top Wi-Fi standard *                    | Wi-Fi 7 (802.11be)                                                    | Weight & dimensions                        |                                                                                                              |
| Bluetooth *                             | ✓                                                                     | Width                                      | 75.2 mm                                                                                                      |
| Bluetooth version                       | 5.4                                                                   | Depth                                      | 6.5 mm                                                                                                       |
| 2G bands (primary SIM)                  | 850,1900,1800,900 MHz                                                 | Height                                     | 166.7 mm                                                                                                     |
| 3G bands supported                      | 2100,900,1900,850,1700 MHz                                            | Weight *                                   | 188 g                                                                                                        |
| 4G bands supported                      | 2100,700,800,1900,850,1800,1500,2300,2600,900,1700,2500 MHz           | Folded width                               | 7.52 cm                                                                                                      |
| 5G bands supported                      | 2100,700,1900,800,850,1800,2600,900,1700,2300,2500,3700,3500,1500 MHz | Folded depth                               | 1.37 cm                                                                                                      |
| Wi-Fi Direct                            | ✓                                                                     | Folded height                              | 8.55 cm                                                                                                      |
| MIMO                                    | ✓                                                                     | Certificates                               |                                                                                                              |
| Modulation                              | 4096-QAM                                                              | Head SAR (EU)                              | 0.689 W/kg                                                                                                   |
| Near Field Communication (NFC)          | ✓                                                                     | Body SAR (EU)                              | 1.215 W/kg                                                                                                   |
| Ports & interfaces                      |                                                                       | Packaging content                          |                                                                                                              |
| USB connector type                      | USB Type-C                                                            | AC adapter included *                      | ✗                                                                                                            |
| USB version                             | 3.2 Gen 1 (3.1 Gen 1)                                                 | Cables included                            | USB Type-C to USB Type-C                                                                                     |
| Headphone connectivity                  | 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 |
| Repairability index  | 2.9                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Technical details    |                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Security update term | 31 July 2032                                                                                                                                                                                                                                                                                                                                                                                                            |



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### Catalog Object Cloud



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