

Samsung Galaxy Z Fold8 19.3 cm (7.6") Dual SIM 5G USB Type-C  
16 GB 1 TB 4800 mAh Lavender

Brand : Samsung      Product family: Galaxy      Product code: SM-F971BLVNEUB

Product name : Galaxy Z Fold8

- Viewing Experience
  - Customised Processor
  - Galaxy AI Security
- Galaxy Z Fold8

Samsung Galaxy Z Fold8 . Display diagonal: 19.3 cm (7.6"), Display resolution: 1848 x 2448 pixels. Processor frequency: 3.6 GHz, Processor family: Snapdragon, Processor model: 8 Elite Gen 5. RAM capacity: 16 GB, Internal storage capacity: 1 TB. Rear camera resolution (numeric): 50 MP, Rear camera type: Dual camera. SIM card capability: Dual SIM. Battery capacity: 4800 mAh. Product colour: Lavender. Weight: 201 g



| Display                              |                         | Network                              |                                                                       |
|--------------------------------------|-------------------------|--------------------------------------|-----------------------------------------------------------------------|
| Display diagonal *                   | 19.3 cm (7.6")          | Bluetooth *                          | ✓                                                                     |
| Screen shape                         | Flat                    | Bluetooth version                    | 6.0                                                                   |
| Display technology marketing name    | Dynamic AMOLED 2X       | 2G bands (primary SIM)               | 850,1900,1800,900 MHz                                                 |
| Display glass type                   | Gorilla Glass           | 3G bands supported                   | 2100,900,1900,850,1700 MHz                                            |
| Gorilla Glass version                | Gorilla Glass Victus 2  | 4G bands supported                   | 2100,700,800,1900,850,1800,1500,2300,2600,900,1700,2500 MHz           |
| Display resolution *                 | 1848 x 2448 pixels      | 5G bands supported                   | 2100,700,1900,800,850,1800,2600,900,1700,2300,2500,3700,3500,1500 MHz |
| Display number of colours            | 16 million colours      | Wi-Fi Direct                         | ✓                                                                     |
| Maximum refresh rate                 | 120 Hz                  | MIMO                                 | ✓                                                                     |
| Display brightness                   | 1500 cd/m²              | Modulation                           | 4096-QAM                                                              |
| Maximum display brightness (Outdoor) | 3000 cd/m²              | Near Field Communication (NFC)       | ✓                                                                     |
| Pixel density                        | 403 ppi                 | Ports & interfaces                   |                                                                       |
| Second display                       | ✓                       | USB connector type                   | USB Type-C                                                            |
| Second display diagonal              | 14 cm (5.5")            | USB version                          | 3.2 Gen 1 (3.1 Gen 1)                                                 |
| Second display resolution            | 1972 x 1248 pixels      | Headphone connectivity               | USB Type-C                                                            |
| Second display type                  | Dynamic AMOLED 2X       | Mobile High-Definition Link (MHL)    | ✗                                                                     |
| Second display pixel density         | 428 ppi                 | Navigation                           |                                                                       |
| Second display glass type            | Gorilla Glass           | GPS (satellite)                      | ✓                                                                     |
| Second display refresh rate          | 120 Hz                  | GLONASS                              | ✓                                                                     |
| Second display Gorilla Glass version | Gorilla Glass Ceramic 3 | BeiDou                               | ✓                                                                     |
| Processor                            |                         | Galileo                              | ✓                                                                     |
| Processor family *                   | Snapdragon              | Quasi-Zenith Satellite System (QZSS) | ✓                                                                     |
| Processor model *                    | 8 Elite Gen 5           | Position location *                  | ✓                                                                     |
| Processor cores                      | 8                       | Design                               |                                                                       |
| Processor frequency *                | 3.6 GHz                 | Form factor *                        | Fold                                                                  |
| Processor boost frequency            | 4.74 GHz                | Product colour *                     | Lavender                                                              |
| Storage                              |                         | Performance                          |                                                                       |
| User memory                          | 959.7 GB                | Wireless charging                    | ✓                                                                     |
| RAM capacity *                       | 16 GB                   | Fingerprint reader                   | ✓                                                                     |
| Internal storage capacity *          | 1 TB                    | Hearing aid compatibility            | ✓                                                                     |
| Compatible memory cards *            | Not supported           | Multimedia                           |                                                                       |
| Camera                               |                         | Speakers                             | stereo                                                                |
| Rear camera sensor size              | 1/1.56"                 |                                      |                                                                       |

| Camera                                       |                                                                                                           | Multimedia                                 |                                                                                                              |
|----------------------------------------------|-----------------------------------------------------------------------------------------------------------|--------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| Second rear camera sensor size               | 1/2.52"                                                                                                   | 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 resolution (numeric) *           | 50 MP                                                                                                     |                                            |                                                                                                              |
| Second rear camera resolution (numeric)      | 50 MP                                                                                                     | Video formats supported                    | 3G2, 3GP, AVI, FLV, M4V, MKV, MP4, WEBM                                                                      |
| Third rear camera resolution (numeric)       | 50 MP                                                                                                     |                                            |                                                                                                              |
| Fourth rear camera resolution (numeric)      | 50 MP                                                                                                     | <b>Software</b>                            |                                                                                                              |
| Rear camera aperture number                  | 1.8                                                                                                       | Platform *                                 | Android                                                                                                      |
| Second rear camera aperture number           | 1.9                                                                                                       | <b>Battery</b>                             |                                                                                                              |
| Rear camera pixel size                       | 1 µm                                                                                                      | Removable battery                          | ✗                                                                                                            |
| Second rear camera pixel size                | 0.7 µm                                                                                                    | Battery endurance in cycles *              | 1200                                                                                                         |
| Rear camera field of view (FOV) angle        | 85°                                                                                                       | Battery capacity *                         | 4800 mAh                                                                                                     |
| Second rear camera field of view (FOV) angle | 120°                                                                                                      | Wireless video playback time               | 26 h                                                                                                         |
| Optical zoom                                 | 2x                                                                                                        | <b>Sensors</b>                             |                                                                                                              |
| Digital zoom                                 | 10x                                                                                                       | Proximity sensor                           | ✓                                                                                                            |
| Front camera type *                          | Single camera                                                                                             | Accelerometer                              | ✓                                                                                                            |
| Front camera sensor size                     | 1/3.33"                                                                                                   | Ambient light sensor                       | ✓                                                                                                            |
| Front camera resolution (numeric) *          | 10 MP                                                                                                     | Gyroscope                                  | ✓                                                                                                            |
| Front camera aperture number                 | 2.2                                                                                                       | Barometer                                  | ✓                                                                                                            |
| Front camera pixel size                      | 1.12 µm                                                                                                   | Geomagnetic sensor                         | ✓                                                                                                            |
| Front camera field of view (FOV) angle       | 100°                                                                                                      | Hall sensor                                | ✓                                                                                                            |
| Cover camera resolution (numeric)            | 10 MP                                                                                                     | <b>Power</b>                               |                                                                                                              |
| Cover camera aperture number                 | 2.2                                                                                                       | USB Type-C charging port *                 | ✓                                                                                                            |
| Rear camera flash *                          | ✓                                                                                                         | USB Type-C required charging power (min) * | 10 W                                                                                                         |
| Flash type                                   | LED                                                                                                       | USB Type-C required charging power (max) * | 45 W                                                                                                         |
| Video capture resolution (max)               | 7680 x 4320 pixels                                                                                        | <b>Endurance</b>                           |                                                                                                              |
| Maximum frame rate                           | 30 fps                                                                                                    | Energy efficiency class *                  | A                                                                                                            |
| Rear camera type *                           | Dual camera                                                                                               | Energy efficiency scale                    | A to G                                                                                                       |
| Auto focus                                   | ✓                                                                                                         | Battery endurance per cycle *              | 2950 min                                                                                                     |
| Image stabilizer                             | ✓                                                                                                         | Repeated free fall reliability class *     | A                                                                                                            |
| Image stabilizer type                        | Optical Image Stabilization (OIS)                                                                         | Repairability class *                      | C                                                                                                            |
| Night mode                                   | ✓                                                                                                         | International Protection (IP) code *       | IP48                                                                                                         |
| Panorama                                     | ✓                                                                                                         | <b>Weight &amp; dimensions</b>             |                                                                                                              |
| Slow motion mode                             | ✓                                                                                                         | Width                                      | 161.4 mm                                                                                                     |
| Slow motion rate                             | 240fps @FHD, 120fps @FHD, 120fps @UHD                                                                     | Depth                                      | 4.5 mm                                                                                                       |
| <b>Network</b>                               |                                                                                                           | Height                                     | 123.9 mm                                                                                                     |
| SIM card capability *                        | Dual SIM                                                                                                  | Weight *                                   | 201 g                                                                                                        |
| Mobile network generation *                  | 5G                                                                                                        | Folded width                               | 8.19 cm                                                                                                      |
| SIM card type *                              | NanoSIM + eSIM                                                                                            | Folded depth                               | 9.7 mm                                                                                                       |
| 2G standards                                 | GSM                                                                                                       | Folded height                              | 12.4 cm                                                                                                      |
| 3G standards *                               | WCDMA                                                                                                     | <b>Packaging content</b>                   |                                                                                                              |
| 4G standard *                                | LTE-TDD & LTE-FDD                                                                                         | AC adapter included *                      | ✗                                                                                                            |
| 5G standard *                                | Sub6 SDL, Sub6 TDD                                                                                        | <b>Specific absorption rate (SAR)</b>      |                                                                                                              |
| Top Wi-Fi standard *                         | Wi-Fi 7 (802.11be)                                                                                        | Head SAR (EU)                              | 0.823 W/kg                                                                                                   |
| 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) | Body SAR (EU)                              | 1.211 W/kg                                                                                                   |
|                                              |                                                                                                           | Extremities SAR (EU)                       | 2.26 W/kg                                                                                                    |

| Other features       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Compatibility        | Galaxy Ring, Galaxy Buds Core, Galaxy Buds4 Pro, Galaxy Buds3 Pro, Galaxy Buds2 Pro, Galaxy Buds Pro, Galaxy Buds Live, Galaxy Buds+, Galaxy Buds4, Galaxy Buds3, Galaxy Buds2, Galaxy Buds, Galaxy Buds3 FE, Galaxy Buds FE, Galaxy Fit3, Galaxy Fit2, Galaxy Watch FE, Galaxy Watch Ultra2, Galaxy Watch Ultra, Galaxy Watch9, 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 2033                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |



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### Catalog Object Cloud



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