SAMSUNG

# Samsung Galaxy Z Flip6

**Brand :** Samsung          **Product family:** Galaxy          **Product code:** SM-F741BZYGEUB

**Product name :** Galaxy Z Flip6

6.7" + 3.4", Dynamic AMOLED 2X, 50MP + 12MP, 10MP, 12/256GB, 5G, 802.11a/b/g/n/ac/ax, Bluetooth 5.3, NFC, Android
Samsung Galaxy Z Flip6 . Display diagonal: 17 cm (6.7"), Display resolution: 2640 x 1080 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: Dual camera. SIM card capability: Dual SIM. Operating system installed: Android 14. Battery capacity: 4000 mAh. Product colour: Yellow. Weight: 187 g

## Display

| | |
|---|---|
| Display diagonal * | 17 cm (6.7") |
| Screen shape | Flat |
| Display technology marketing name | Dynamic AMOLED 2X |
| Panel type | AMOLED |
| Display glass type | Corning Glass |
| Gorilla Glass version | Gorilla Glass Victus 2 |
| Display resolution * | 2640 x 1080 pixels |
| Display number of colours | 16 million colours |
| Native aspect ratio | 22:9 |
| Maximum refresh rate | 120 Hz |
| Display brightness | 1300 cd/m² |
| Maximum display brightness (Outdoor) | 2600 cd/m² |
| Touchscreen type | Capacitive |
| Brand specific technologies | Always-on display |
| Rounded display corners | ✓ |
| Second display | ✓ |
| Second display diagonal | 8.64 cm (3.4") |
| Second display resolution | 720 x 748 pixels |
| Second display brightness | 1000 Nits |
| Maximum second display brightness | 1600 cd/m² |
| Second display type | Super AMOLED |
| Second display pixel density | 306 ppi |
| Second display refresh rate | 60 Hz |

## Processor

| | |
|---|---|
| Processor family * | Qualcomm Snapdragon |
| Processor model * | 8 Gen 3 |
| Processor cores | 8 |

## Storage

| | |
|---|---|
| User memory | 227.7 GB |
| RAM capacity * | 12 GB |
| Internal storage capacity * | 256 GB |
| Compatible memory cards * | Not supported |

## Camera

| | |
|---|---|
| Rear camera sensor size | 1/1.56" |
| Second rear camera sensor size | 1/3.2" |
| Rear camera resolution (numeric) * | 50 MP |
| Second rear camera resolution (numeric) | 12 MP |

## Network

| | |
|---|---|
| 2G standards | GSM |
| 3G standards * | WCDMA |
| 4G standard * | LTE-TDD & LTE-FDD |
| 5G standard * | Sub6 FDD, Sub6 SDL, Sub6 TDD |
| Wi-Fi * | ✓ |
| 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) |
| Bluetooth * | ✓ |
| Bluetooth version | 5.3 |
| 2G bands (primary SIM) | 850,900,1800,1900 MHz |
| 3G bands supported | 850,900,1900,2100 MHz |
| 4G bands supported | 700,800,850,900,1500,1800,1900,2100,2300,2500,2600 MHz |
| 5G bands supported | 700,800,850,900,1800,1900,2100,2300,2500,2600,3500 MHz |
| Wi-Fi Direct | ✓ |
| MIMO | ✓ |
| Modulation | 1024-QAM |
| Near Field Communication (NFC) | ✓ |

## Subscription

| | |
|---|---|
| Subscription type * | No subscription |

## Ports & interfaces

| | |
|---|---|
| USB port * | ✓ |
| USB connector type | USB Type-C |
| USB version | 3.2 Gen 1 (3.1 Gen 1) |
| Mobile High-Definition Link (MHL) | ✗ |

## Design

| | |
|---|---|
| Form factor * | Flip |
| Product colour * | Yellow |
| International Protection (IP) code | IP48 |
| Protection features | Water resistant |
| Housing material | Aluminium |

## Performance

| | |
|---|---|
| Fast charging | ✓ |
| Wireless charging | ✓ |
| Reverse wireless charging | ✓ |
| Fingerprint reader | ✓ |
| Face recognition | ✓ |
| Hearing aid compatibility | ✓ |

## Navigation

| | |
|---|---|
| GPS (satellite) | ✓ |
| GLONASS | ✓ |

## Camera

| | |
|---|---|
| Rear camera resolution | 8160 x 6120 pixels |
| Rear camera aperture number | 1.8 |
| Second rear camera aperture number | 2.2 |
| Rear camera pixel size | 1 μm |
| Second rear camera pixel size | 1.12 μm |
| Rear camera field of view (FOV) angle | 85° |
| Second rear camera field of view (FOV) angle | 123° |
| Optical zoom | 2x |
| Digital zoom | 10x |
| Front camera type * | Single camera |
| Front camera resolution (numeric) * | 10 MP |
| Front camera aperture number | 2.2 |
| Front camera pixel size | 1.22 μm |
| Front camera field of view (FOV) angle | 85° |
| Rear camera flash * | ✔ |
| Flash type | LED |
| Video capture resolution (max) | 3840 x 2160 pixels |
| Maximum frame rate | 240 fps |
| Resolution at capture speed | 1280x720@30fps, 1920x1080@30fps, 1920x1080@60fps, 3840x2160@30fps, 3840x2160@60fps, 7680x4320@30fps |
| Rear camera type * | Dual camera |
| Auto focus | ✔ |
| Face detection | ✔ |
| Image stabilizer | ✔ |
| Image stabilizer type | Optical Image Stabilization (OIS) |
| Night mode | ✔ |
| Portrait mode | ✔ |

## Network

| | |
|---|---|
| SIM card capability * | Dual SIM |
| Mobile network generation * | 5G |
| SIM card type * | NanoSIM + eSIM |

## Navigation

| | |
|---|---|
| BeiDou | ✔ |
| Galileo | ✔ |
| Quasi-Zenith Satellite System (QZSS) | ✔ |
| Position location * | ✔ |

## Multimedia

| | |
|---|---|
| Speakers | stereo |
| Audio formats supported | AAC, AMR, APE, AWB, DFF, DSF, FLAC, M4A, Mid, MIDI, MP3, MXMF, OGA, OGG, OTA, RTTTL, RTX, WAV, XMF |
| Video formats supported | 3G2, 3GP, AVI, FLV, M4V, MKV, MP4, WEBM |

## Software

| | |
|---|---|
| Platform * | Android |
| Operating system installed * | Android 14 |
| Virtual assistant | Samsung Bixby |

## Battery

| | |
|---|---|
| Battery recharge time | 1.5 h |
| Battery capacity * | 4000 mAh |
| Browsing time (Wi-Fi) | 20 h |
| Browsing time (4G) | 19 h |
| Continuous audio playback time | 68 h |
| Continuous video playback time | 23 h |

## Sensors

| | |
|---|---|
| Proximity sensor | ✔ |
| Accelerometer | ✔ |
| Ambient light sensor | ✔ |
| Gyroscope | ✔ |
| Barometer | ✔ |
| Geomagnetic sensor | ✔ |
| Hall sensor | ✔ |

## Weight & dimensions

| | |
|---|---|
| Width | 71.9 mm |
| Depth | 6.9 mm |
| Height | 165.1 mm |
| Weight * | 187 g |
| Folded width | 7.19 cm |
| Folded depth | 1.49 cm |
| Folded height | 8.51 cm |

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