

## Galaxy Z Flip 8 5G 256GB Pink (SM-F776BLIGEUB)

Samsung Galaxy Z Flip8 - 5G smartphone - dual-SIM - RAM 12 GB / Internal Memory 256 GB - OLED display - 6.9" - 6.9" - 2520 x 1080 pixels 2520 x 1080 pixels (120 Hz) - 2x rear cameras 50 MP, 12 MP - front camera 10 MP - pink



### Main specifications

|                                |                                                                                                                                                                  |
|--------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Description            | Samsung Galaxy Z Flip8 - pink - 5G smartphone - 256 GB - GSM                                                                                                     |
| Product Type                   | 5G smartphone                                                                                                                                                    |
| Energy Label QR Code URL       | <a href="https://eprel.ec.europa.eu/qr/2610204">https://eprel.ec.europa.eu/qr/2610204</a>                                                                        |
| Energy Class                   | Class A                                                                                                                                                          |
| EU Data Act                    | <a href="https://dataact.samsung.com/#!/public/notice-page?locale=en">https://dataact.samsung.com/#!/public/notice-page?locale=en</a>                            |
| Manufacturer Model Number      | SM-F776B                                                                                                                                                         |
| Display                        | OLED display - 2520 x 1080 pixels - 6.9" - 400 ppi - (120 Hz) - Dynamic AMOLED 2X - Corning Gorilla Glass Victus 2 (scratch resistant glass) - inward - foldable |
| Display (2nd)                  | OLED display - colour - 4.1"                                                                                                                                     |
| Display (Unfolded)             | 6.9 in - 2520 x 1080 pixels                                                                                                                                      |
| Processor                      | Samsung Exynos 2600 3.8 GHz (10-core)                                                                                                                            |
| Memory                         | RAM 12 GB / Internal Memory 256 GB                                                                                                                               |
| Operating System               | Android 17 with One UI 9                                                                                                                                         |
| Main Camera                    | 50 Megapixel - wide-angle lens - f/1.8 - focus: automatic                                                                                                        |
| Second Camera                  | 12 Megapixel - ultra wide-angle lens - f/2.2                                                                                                                     |
| Front Camera                   | 10 Megapixel f/2.2 - focus free                                                                                                                                  |
| Service Provider               | Not specified                                                                                                                                                    |
| Form Factor                    | Folder (flip) - touch screen, dual screen                                                                                                                        |
| SIM Card                       | Dual-SIM - nano SIM, Electronic SIM card (e-SIM)                                                                                                                 |
| Wireless Interface             | NFC, Wi-Fi 7, Bluetooth                                                                                                                                          |
| Security Devices               | Fingerprint reader                                                                                                                                               |
| Connectors                     | USB-C                                                                                                                                                            |
| Wireless Charging Standards    | WPC, Qi, Fast Wireless Charging, Wireless PowerShare                                                                                                             |
| Protection                     | Water-resistant                                                                                                                                                  |
| Colour                         | Pink                                                                                                                                                             |
| Dimensions (WxDxH)             | 75.4 mm x 6.1 mm x 166.9 mm                                                                                                                                      |
| Weight                         | 180 g                                                                                                                                                            |
| Specific Absorption Rate (SAR) | 0.74 W/kg (head)   1.158 W/kg (body)   3.07 W/kg (limb)                                                                                                          |
| Manufacturer Warranty          | 2-year warranty                                                                                                                                                  |

### Extended specification

#### General

|                          |                                                                                           |
|--------------------------|-------------------------------------------------------------------------------------------|
| Product Type             | Smartphone                                                                                |
| Energy Label QR Code URL | <a href="https://eprel.ec.europa.eu/qr/2610204">https://eprel.ec.europa.eu/qr/2610204</a> |
| Energy Class             | Class A                                                                                   |

|                           |                                                                                                                                       |
|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| Manufacturer Model Number | SM-F776B                                                                                                                              |
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| Form Factor               | Folder (flip) - touch screen, dual screen                                                                                             |
| Protection                | Water-resistant                                                                                                                       |
| Width                     | 75.4 mm                                                                                                                               |
| Depth                     | 6.1 mm                                                                                                                                |
| Height                    | 166.9 mm                                                                                                                              |
| Weight                    | 180 g                                                                                                                                 |
| Dimensions Details        | Unfolded - 75.4 mm x 6.1 mm x 166.9 mm   Folded - 75.4 mm x 13.1 mm x 85.7 mm                                                         |
| Body Colour               | Pink                                                                                                                                  |
| Body Material             | Armour Aluminium frame, Corning Gorilla Glass Victus 2                                                                                |

## Memory

|                          |          |
|--------------------------|----------|
| RAM                      | 12 GB    |
| Internal Memory Capacity | 256 GB   |
| User Memory              | 219.5 GB |

## Manufacturer Warranty

|                              |                            |
|------------------------------|----------------------------|
| Service & Support            | Limited warranty - 2 years |
| Regional Warranty Exceptions | Spain - 3 years            |

## Processor

|                    |                     |
|--------------------|---------------------|
| Type               | Samsung Exynos 2600 |
| Clock Speed        | 3.8 GHz             |
| Processor Core Qty | 10-core             |

## Miscellaneous

|                                      |                                                                                |
|--------------------------------------|--------------------------------------------------------------------------------|
| Ingress Protection Rating            | IP48                                                                           |
| Repeated Free Fall Reliability Class | Class A                                                                        |
| Compliant Standards                  | IEC 61960, USB 3.2 Gen 1, Android Audio Streaming for Hearing Aid (ASHA), IP48 |
| Included Accessories                 | SIM card removal tool, USB-C to USB-C cable                                    |

## Environmental Parameters

|                               |       |
|-------------------------------|-------|
| Max Depth of Water Resistance | 1.5 m |
|-------------------------------|-------|

## Display

|                        |                                                          |
|------------------------|----------------------------------------------------------|
| Type                   | OLED display                                             |
| Technology             | Dynamic AMOLED 2X                                        |
| Diagonal Size          | 6.9"                                                     |
| Display Resolution     | 2520 x 1080 pixels                                       |
| Display Format         | Full HD+                                                 |
| Foldable               | Yes                                                      |
| Design                 | Inward folding                                           |
| Pixel Density          | 400 ppi                                                  |
| Max Brightness         | 2600 cd/m²                                               |
| Colour Depth           | 16 million colours                                       |
| Enhancement Technology | Vision Booster technology                                |
| Refresh Rate           | 120 Hz                                                   |
| Protection             | Corning Gorilla Glass Victus 2 (scratch resistant glass) |

|          |                                                                                                                              |
|----------|------------------------------------------------------------------------------------------------------------------------------|
| Features | 1-120Hz adaptive refresh rate, mobile Digital Natural Image engine (mDNle) technology, FlexWindow, secondary screen: 342 PPI |
|----------|------------------------------------------------------------------------------------------------------------------------------|

Battery

|                             |                                                      |
|-----------------------------|------------------------------------------------------|
| Technology                  | Lithium Ion                                          |
| Capacity                    | 4300 mAh                                             |
| Fast Charging Technology    | Qualcomm Quick Charge 2.0, Adaptive Fast Charging    |
| Wireless Charging           | Yes                                                  |
| Wireless Charging Standards | WPC, Qi, Fast Wireless Charging, Wireless PowerShare |
| Battery Endurance per Cycle | 2650 min                                             |
| Battery Endurance in Cycles | 1200                                                 |
| Run Time Details            | Playback (wireless video): up to 31 hrs              |

Communications

|                    |                                                                                                                                                                                                                                                                         |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Data Transmission  | FDD-LTE, TDD-LTE, 5G NR FR1                                                                                                                                                                                                                                             |
| 2G Band            | 850 GSM, 900 GSM, 1800 GSM, 1900 GSM                                                                                                                                                                                                                                    |
| 3G UMTS Band       | Band 1, Band 2, Band 4, Band 5, Band 8                                                                                                                                                                                                                                  |
| 3G UMTS Frequency  | 2100, 1900, 1700, 850, 900                                                                                                                                                                                                                                              |
| 4G LTE Band        | Band 1, Band 2, Band 3, Band 4, Band 5, Band 7, Band 8, Band 12, Band 13, Band 17, Band 18, Band 19, Band 20, Band 25, Band 26, Band 28, Band 32, Band 38, Band 39, Band 40, Band 41, Band 66                                                                           |
| 4G LTE Frequency   | FDD 2100, FDD 1900 PCS, FDD 1800+, FDD 1700 - 2110 AWS, FDD 850, FDD 2600, FDD 900, FDD 700a, FDD 700c, FDD 700b, FDD 800 lower, FDD 800 upper, FDD 800 DD, FDD 1900+, FDD 850+, FDD 700 APT, FDD 1500 L, TDD 2600, TDD 1900, TDD 2300, TDD 2500, FDD 1700 - 2110 AWS-3 |
| 5G NR Band         | N1, n2, n3, n5, n7, n8, n20, n28, n38, n41, n66, n75, n77, n78, n40, n25, n12, n26                                                                                                                                                                                      |
| 5G NR Frequency    | FDD 2100, FDD 1900PCS, FDD 1800, FDD 850, FDD 2600, FDD 900, FDD 800, FDD 700APT, TDD TD 2600, TDD TD 2500, FDD AWS-3, SDL DL 1500+, TDD TD 3700, TDD TD 3500, TDD 2300, FDD 1900, n12, FDD 850                                                                         |
| Wireless Interface | NFC, IEEE 802.11a/b/g/n/ac/ax/be, Bluetooth 5.4                                                                                                                                                                                                                         |

Connections

|                |                           |
|----------------|---------------------------|
| Connector Type | USB Type-C - 24 pin USB-C |
|----------------|---------------------------|

Phone Features

|                     |                                                                                                                                                                                                                                                                                                                     |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sensors             | Accelerometer, proximity sensor, barometer, gyro sensor, hall sensor, geomagnetic sensor, light sensor                                                                                                                                                                                                              |
| Security Devices    | Fingerprint reader                                                                                                                                                                                                                                                                                                  |
| Additional Features | MIMO technology, Fast Charging, Samsung KNOX, Samsung DeX support, Samsung Smart Switch, dual stereo speakers, Samsung Knox Vault, Samsung Wallet, Galaxy AI, Photo Assist, Samsung Health, Samsung Care+, SmartThings Support, Quick Share, Now Brief, Armor FlexHinge, Samsung Knox Matrix Trust Chain technology |

Cellular

|                             |                                       |
|-----------------------------|---------------------------------------|
| Technology                  | WCDMA (UMTS) / GSM                    |
| Mobile Broadband Generation | 5G                                    |
| Service Provider            | Not specified                         |
| Operating System            | Android 17                            |
| User Interface              | One UI 9                              |
| Intelligent Assistant       | Google Gemini                         |
| Navigation                  | GPS, GLONASS, BeiDou, Galileo, QZSS   |
| SIM Card Type               | Nano SIM, Electronic SIM card (e-SIM) |
| SIM Card Qty                | Dual-SIM                              |
| Payment Technology          | Samsung Pay                           |
| Input Device                | Multi-touch                           |

Display (2nd)

|                    |                       |
|--------------------|-----------------------|
| Type               | OLED display - colour |
| Diagonal Size      | 4.1"                  |
| Display Resolution | 1048 x 948 pixels     |
| Colour Depth       | 16 million colours    |

Media Player

|                                   |                                                                                                                               |
|-----------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| Supported Digital Audio Standards | WAV, AAC, AMR, MP3, FLAC, XMF, OGG, MIDI, APE (Monkey's Audio), M4A, DSF, MXMF, OGA, 3GA, AWB, IMY, RTTTL, RTX, OTA, DFF, MID |
| Supported Digital Video Standards | MKV, FLV, AVI, 3GP, M4V, WebM, 3G2, MP4                                                                                       |

Front Camera

|                     |                            |
|---------------------|----------------------------|
| Sensor Resolution   | 10 Megapixel               |
| Lens Aperture       | F/2.2                      |
| Focus Adjustment    | Focus free                 |
| Field of View (FoV) | 85 degree(s)               |
| Pixel Size          | 1.12 μm                    |
| Video Resolutions   | 3840 x 2160 (4K) at 60 fps |

Display (Unfolded)

|                    |                    |
|--------------------|--------------------|
| Diagonal Size      | 6.9 in             |
| Display Resolution | 2520 x 1080 pixels |

Main Camera

|                          |                                                                                                                                                   |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| Sensor Resolution        | 50 Megapixel                                                                                                                                      |
| Optical Image Stabiliser | Optical Image Stabiliser (OIS)                                                                                                                    |
| Lens Type                | Wide-angle lens                                                                                                                                   |
| Lens Aperture            | F/1.8                                                                                                                                             |
| Field of View (FoV)      | 85 degree(s)                                                                                                                                      |
| Pixel Size               | 1 μm                                                                                                                                              |
| Focus Adjustment         | Automatic                                                                                                                                         |
| Digital Zoom             | 10x                                                                                                                                               |
| Camera Modes             | Slow motion mode, Portrait, Night, Super Steady Mode, Dual Record, Flip Shot                                                                      |
| Light Source             | LED flash                                                                                                                                         |
| Video Resolutions        | Slo-mo video 1920 x 1080 (1080p) at 120 fps, 3840 x 2160 (4K) at 60 fps, Slo-mo video 1920 x 1080 (1080p) at 240 fps                              |
| Features                 | Dual Pixel Autofocus technology, Dual preview, FlexCam, ProVisual Engine, Photo Assist, 2x Optical Quality Zoom, Adaptive Pixel Sensor, Auto Zoom |

Second Camera

|                     |                       |
|---------------------|-----------------------|
| Sensor Resolution   | 12 Megapixel          |
| Lens Type           | Ultra wide-angle lens |
| Lens Aperture       | F/2.2                 |
| Field of View (FoV) | 123 degree(s)         |
| Pixel Size          | 1.12 μm               |

Sustainability Information

|                          |         |
|--------------------------|---------|
| Repairability Class      | Class C |
| Product Recycled Content | 14.6 %  |

## *What's in the box*

*Samsung Galaxy Z Flip8*

*SIM card removal tool, USB-C to USB-C cable*

*\*TD SYNEX is not responsible for errors in the documentation of products.*