



## Motorola razr fold 20.6 cm (8.09") Dual SIM Android 16.0 5G USB Type-C 16 GB 512 GB 6000 mAh Black



**Brand :** Motorola

**Product family:** razr

**Product code:** PBAX0000GB

**Product name :** razr fold

8.09" LTPO pOLED + 6.56" LTPO pOLED, 2484 x 2232px/2520 x 1080px, Snapdragon 8 Gen 5 Mobile, 16/512GB, 50 MP + 50 MP + 50 MP, 20MP + 32MP, 6000mAh, Bluetooth 6.0, Wi-Fi 7, NFC, 5G, USB Type-C, Android 16

Motorola razr fold 20.6 cm (8.09") Dual SIM Android 16.0 5G USB Type-C 16 GB 512 GB 6000 mAh Black:

### Make it iconic

Life's constantly changing. The all-new motorola razr fold changes with it. Move from activity to activity effortlessly—it adapts to whatever you're doing. Start on a super bright 6.6" screen, then unfold to reveal your massive 8.1" 2K display. Capture breathtaking photos and cinematic videos with a DXOMARK-awarded camera system.(1) Go nonstop with one of the largest batteries among foldables(2)—and a slim, lightweight design. Explore worry-free thanks to Corning® Gorilla® Glass Ceramic 3. And simply do more with the world's leading AI platforms like Google Gemini(27), Pexplexity, and moto ai(3). It even works with the moto pen ultra(4), so you can use that expansive canvas to stretch your imagination. A new icon is unfolding with motorola razr fold.

### Display

|                                      |                                                   |
|--------------------------------------|---------------------------------------------------|
| Display diagonal *                   | 20.6 cm (8.09")                                   |
| Panel type                           | P-OLED                                            |
| Display glass type                   | Ultra Thin Glass (UTG)                            |
| Display resolution *                 | 2484 x 2232 pixels                                |
| Display number of colours            | 1.07 billion colours                              |
| Colour depth                         | 10 bit                                            |
| Native aspect ratio                  | 8:7.2                                             |
| Maximum refresh rate                 | 120 Hz                                            |
| Display brightness                   | 500 cd/m <sup>2</sup>                             |
| Maximum display brightness (HDR)     | 6200 cd/m <sup>2</sup>                            |
| High Dynamic Range (HDR) supported   | ✓                                                 |
| High Dynamic Range (HDR) technology  | Dolby Vision, High Dynamic Range 10+ (HDR10 Plus) |
| DCI-P3 coverage                      | 100%                                              |
| Brand specific technologies          | Water touch, Always-on display                    |
| Motion blur reduction                | ✓                                                 |
| Second display                       | ✓                                                 |
| Second display diagonal              | 16.7 cm (6.56")                                   |
| Second display resolution            | 2520 x 1080 pixels                                |
| Second display brightness            | 500 cd/m <sup>2</sup>                             |
| Second display maximum brightness    | 6000 cd/m <sup>2</sup>                            |
| Second display type                  | P-OLED                                            |
| Second display aspect ratio          | 21:9                                              |
| Second display glass type            | Corning Glass                                     |
| Second display refresh rate          | 165 Hz                                            |
| Second display Gorilla Glass version | Gorilla Glass Ceramic 3                           |
| Second display DCI-P3 coverage       | 100%                                              |

### Network

|                                |                                                                                                                               |
|--------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| SIM card capability *          | Dual SIM                                                                                                                      |
| Mobile network generation *    | 5G                                                                                                                            |
| SIM card type *                | NanoSIM + eSIM                                                                                                                |
| 2G standards                   | GSM, Edge                                                                                                                     |
| 3G standards *                 | UMTS, HSPA+                                                                                                                   |
| 4G standard *                  | LTE                                                                                                                           |
| 5G standard *                  | NR                                                                                                                            |
| Wi-Fi                          | ✓                                                                                                                             |
| Top Wi-Fi standard *           | Wi-Fi 7 (802.11be)                                                                                                            |
| Wi-Fi standards                | Wi-Fi 6 (802.11ax), Wi-Fi 5 (802.11ac), Wi-Fi 6E (802.11ax), 802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 7 (802.11be) |
| Bluetooth *                    | ✓                                                                                                                             |
| Bluetooth version              | 6.0                                                                                                                           |
| Bluetooth Low Energy (BLE)     | ✓                                                                                                                             |
| 2G bands (primary SIM)         | 850,900,1800,1900 MHz                                                                                                         |
| Frequency band                 | Penta-band                                                                                                                    |
| 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) |
| USB Type-C DisplayPort Alternate Mode | ✓                     |

| Processor                                     |                                                    | Ports & interfaces                   |                                                        |
|-----------------------------------------------|----------------------------------------------------|--------------------------------------|--------------------------------------------------------|
| Processor family *                            | Snapdragon                                         | DisplayPort version                  | 1.2                                                    |
| Processor model *                             | 8 Gen 5                                            | <b>Navigation</b>                    |                                                        |
| Processor cores                               | 8                                                  | GPS (satellite)                      | ✓                                                      |
| Performance cores                             | 6                                                  | NavIC                                | ✓                                                      |
| Efficient cores                               | 2                                                  | GLONASS                              | ✓                                                      |
| Processor frequency *                         | 3.8 GHz                                            | BeiDou                               | ✓                                                      |
| Neural processor unit (NPU)                   | Qualcomm Hexagon                                   | Galileo                              | ✓                                                      |
| Storage                                       |                                                    | Quasi-Zenith Satellite System (QZSS) | ✓                                                      |
| RAM capacity *                                | 16 GB                                              | Electronic compass                   | ✓                                                      |
| Virtual RAM (max)                             | 16 GB                                              | Position location *                  | ✓                                                      |
| RAM type                                      | LPDDR5X                                            | <b>Design</b>                        |                                                        |
| Internal storage capacity *                   | 512 GB                                             | Form factor *                        | Fold                                                   |
| Compatible memory cards *                     | Not supported                                      | Product colour *                     | Black                                                  |
| Camera                                        |                                                    | Colour name                          | PANTONE Blackened Blue                                 |
| Rear camera sensor size                       | 1/1.28"                                            | Protection features                  | Blue light protection, Dust resistant, Water resistant |
| Second rear camera sensor size                | 1/2.76"                                            | Waterproof up to                     | 1.5 m                                                  |
| Third rear camera sensor size                 | 1/1.95"                                            | <b>Performance</b>                   |                                                        |
| Rear camera resolution (numeric) *            | 50 MP                                              | Video call                           | ✓                                                      |
| Second rear camera resolution (numeric)       | 50 MP                                              | Fast charging                        | ✓                                                      |
| Third rear camera resolution (numeric)        | 50 MP                                              | Wireless charging                    | ✓                                                      |
| Rear camera aperture number                   | 1.6                                                | Reverse wireless charging            | ✓                                                      |
| Second rear camera aperture number            | 2                                                  | Wireless charging power              | 50 W                                                   |
| Third rear camera aperture number             | 2.4                                                | Reverse wireless charging power      | 5 W                                                    |
| Rear camera pixel size                        | 2.44 µm                                            | Fast charging technology             | TurboPower                                             |
| Second rear camera pixel size                 | 1.28 µm                                            | Graphics card                        | Adreno 829                                             |
| Third rear camera pixel size                  | 1.6 µm                                             | AI control                           | ✓                                                      |
| Rear camera field of view (FOV) angle         | 84.7°                                              | Fingerprint reader                   | ✓                                                      |
| Second rear camera field of view (FOV) angle  | 122.1°                                             | Face recognition                     | ✓                                                      |
| Third rear camera field of view (FOV) angle   | 33.7°                                              | Speakerphone                         | ✓                                                      |
| Front camera type *                           | Dual camera                                        | Voice commands                       | ✓                                                      |
| Front camera resolution (numeric) *           | 20 MP                                              | Vibrating alert                      | ✓                                                      |
| Second front camera resolution (numeric)      | 32 MP                                              | <b>Multimedia</b>                    |                                                        |
| Front camera aperture number                  | 2.4                                                | Number of microphones                | 3                                                      |
| Second front camera aperture number           | 2.4                                                | Speakers                             | stereo                                                 |
| Front camera pixel size                       | 1.22 µm                                            | Audio system                         | Dolby Atmos                                            |
| Second front camera pixel size                | 1.28 µm                                            | Audio formats supported              | AAC, MP3, APE, AMR, WAV, Mid, FLAC, OGG, WMA           |
| Front camera field of view (FOV) angle        | 90°                                                | <b>Software</b>                      |                                                        |
| Second front camera field of view (FOV) angle | 88.5°                                              | Platform *                           | Android                                                |
| Rear camera flash *                           | ✓                                                  | Operating system installed *         | Android 16.0                                           |
| Front camera flash                            | ✗                                                  | Software support period              | 7 Years                                                |
| Video capture resolution (max)                | 3840 x 2160 pixels                                 | Virtual assistant                    | Google Gemini                                          |
| Maximum frame rate                            | 240 fps                                            | <b>Battery</b>                       |                                                        |
| Resolution at capture speed                   | 7680x4320@30fps,                                   | Battery technology                   | Silicon-Carbon (Si-C)                                  |
|                                               | 3840x2160@30fps,                                   | Battery endurance in cycles *        | 1200                                                   |
|                                               | 3840x2160@60fps,                                   | Battery capacity *                   | 6000 mAh                                               |
|                                               | 1920x1080@240fps, 1920x1080@30fps, 1920x1080@60fps | <b>Sensors</b>                       |                                                        |
| Rear camera type *                            | Triple camera                                      | Proximity sensor                     | ✓                                                      |
| Auto focus                                    | ✓                                                  | Accelerometer                        | ✓                                                      |
| 3D depth rear camera                          | ✗                                                  | Ambient light sensor                 | ✓                                                      |
| 3D depth front camera                         | ✗                                                  | Gyroscope                            | ✓                                                      |
|                                               |                                                    | Barometer                            | ✓                                                      |

| Camera                               |                                   | Sensors                                    |            |
|--------------------------------------|-----------------------------------|--------------------------------------------|------------|
| Face detection                       | ✓                                 | Hall sensor                                | ✓          |
| Camera High Dynamic Range (HDR) mode | ✓                                 | Gesture sensor                             | ✓          |
| Time lapse mode                      | ✓                                 | Power                                      |            |
| Video stabilizer                     | ✓                                 | USB Type-C charging port *                 | ✓          |
| Image stabilizer                     | ✓                                 | USB Power Delivery (USB PD)                | ✓          |
| Image stabilizer type                | Optical Image Stabilization (OIS) | USB Type-C required charging power (min) * | 5 W        |
| Night mode                           | ✓                                 | USB Type-C required charging power (max) * | 80 W       |
| Smile detection                      | ✓                                 | Endurance                                  |            |
| Panorama                             | ✓                                 | Energy efficiency class *                  | A          |
| Portrait mode                        | ✓                                 | Energy efficiency scale                    | A to G     |
| Macro photography                    | ✓                                 | Battery endurance per cycle *              | 3557 min   |
| Slow motion mode                     | ✓                                 | Repeated free fall reliability class *     | C          |
| Audio zoom                           | ✓                                 | Repairability class *                      | B          |
| Image editing                        | Retouching                        | International Protection (IP) code *       | IP48, IP49 |
|                                      |                                   | Weight & dimensions                        |            |
|                                      |                                   | Width                                      | 73.6 mm    |
|                                      |                                   | Depth                                      | 9.89 mm    |
|                                      |                                   | Height                                     | 160.1 mm   |
|                                      |                                   | Weight *                                   | 243 g      |
|                                      |                                   | Folded width                               | 16 cm      |
|                                      |                                   | Folded depth                               | 4.55 mm    |
|                                      |                                   | Folded height                              | 14.4 cm    |
|                                      |                                   | Packaging content                          |            |
|                                      |                                   | AC adapter included *                      | ✗          |
|                                      |                                   | Quick start guide                          | ✓          |
|                                      |                                   | Screen protector                           | ✓          |
|                                      |                                   | Cables included                            | USB Type-C |
|                                      |                                   | Headset included                           | ✗          |
|                                      |                                   | SIM card ejector pin                       | ✓          |
|                                      |                                   | Protective case                            | ✓          |
|                                      |                                   | Other features                             |            |
|                                      |                                   | Ringer type                                | MP3        |



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### Catalog Object Cloud



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