



## Motorola signature 17.2 cm (6.78") Dual SIM Android 16.0 5G USB Type-C 16 GB 512 GB 5200 mAh Dark Blue

**Brand :** Motorola

**Product family:** signature

**Product code:** PBAB0002SE

**Product name :** signature

6.78" Extreme AMOLED, 2780 x 1264px, Snapdragon 8 Gen 5, 16GB/512GB, 50MP + 50MP + 50MP, 50MP, 5G, 802.11 a/b/g/n/ac/ax/be, Bluetooth 6, USB Type-C, NFC, Android 16  
Motorola signature . Display diagonal: 17.2 cm (6.78"), Display resolution: 2780 x 1264 pixels. Processor family: Snapdragon, Processor model: 8 Gen 5. RAM capacity: 16 GB, RAM type: LPDDR5X, Internal storage capacity: 512 GB. Rear camera resolution (numeric): 50 MP, Rear camera type: Triple camera. SIM card capability: Dual SIM. Operating system installed: Android 16.0. Battery capacity: 5200 mAh. Product colour: Dark Blue. Weight: 186 g



| Display                             |                                                   | Network                        |                                                                                                          |
|-------------------------------------|---------------------------------------------------|--------------------------------|----------------------------------------------------------------------------------------------------------|
| Display diagonal *                  | 17.2 cm (6.78")                                   | 3G standards *                 | WCDMA                                                                                                    |
| Screen shape                        | Flat                                              | 4G standard *                  | LTE                                                                                                      |
| Screen to body ratio                | 95.23%                                            | 5G standard *                  | NR, Sub6                                                                                                 |
| Display technology marketing name   | Extreme AMOLED                                    | Wi-Fi                          | ✓                                                                                                        |
| Panel type                          | AMOLED                                            | Top Wi-Fi standard *           | Wi-Fi 7 (802.11be)                                                                                       |
| Display glass type                  | Corning Glass                                     | 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 7 (802.11be) |
| Gorilla Glass version               | Gorilla Glass Victus 2                            | Bluetooth *                    | ✓                                                                                                        |
| Display resolution *                | 2780 x 1264 pixels                                | Bluetooth version              | 6.0                                                                                                      |
| Display number of colours           | 1.07 billion colours                              | Bluetooth Low Energy (BLE)     | ✓                                                                                                        |
| Colour depth                        | 10 bit                                            | Frequency band                 | Penta-band                                                                                               |
| Native aspect ratio                 | 20:9                                              | Near Field Communication (NFC) | ✓                                                                                                        |
| Maximum refresh rate                | 165 Hz                                            | <b>Subscription</b>            |                                                                                                          |
| Touch response rate                 | 360 Hz                                            | Subscription type *            | No subscription                                                                                          |
| Maximum display brightness (HDR)    | 6200 cd/m <sup>2</sup>                            | <b>Ports &amp; interfaces</b>  |                                                                                                          |
| High Dynamic Range (HDR) supported  | ✓                                                 | USB port                       | ✓                                                                                                        |
| High Dynamic Range (HDR) technology | Dolby Vision, High Dynamic Range 10+ (HDR10 Plus) | USB connector type             | USB Type-C                                                                                               |
| DCI-P3 coverage                     | 100%                                              | USB version                    | 3.2 Gen 2 (3.1 Gen 2)                                                                                    |
| Pixel density                       | 450 ppi                                           | <b>Navigation</b>              |                                                                                                          |
| Brand specific technologies         | Always-on display, Water touch                    | Assisted GPS (A-GPS)           | ✓                                                                                                        |
| Rounded display corners             | ✓                                                 | GPS (satellite)                | ✓                                                                                                        |
| Blue light reduction                | ✓                                                 | GLONASS                        | ✓                                                                                                        |
| Motion blur reduction               | ✓                                                 | Galileo                        | ✓                                                                                                        |
| <b>Processor</b>                    |                                                   | Electronic compass             | ✓                                                                                                        |
| Processor family *                  | Snapdragon                                        |                                |                                                                                                          |
| Processor model *                   | 8 Gen 5                                           |                                |                                                                                                          |

| Processor                                             |                    | Navigation                           |                              |
|-------------------------------------------------------|--------------------|--------------------------------------|------------------------------|
| Processor cores                                       | 8                  | Position location *                  | ✓                            |
| Performance cores                                     | 6                  | LTE Positioning Protocol (LPP)       | ✓                            |
| Efficient cores                                       | 2                  | Secure User Plane Location (SUPL)    | ✓                            |
| Processor boost frequency                             | 3.8 GHz            | Design                               |                              |
| Neural processor unit (NPU)                           | Qualcomm Hexagon   | Form factor *                        | Bar                          |
| Storage                                               |                    | Product colour *                     | Dark Blue                    |
| RAM capacity *                                        | 16 GB              | Colour name                          | PANTONE Carbon               |
| RAM type                                              | LPDDR5X            | Protection features                  | Waterproof                   |
| Internal storage capacity *                           | 512 GB             | Housing material                     | Aluminium                    |
| Compatible memory cards *                             | Not supported      | Performance                          |                              |
| Camera                                                |                    | Video call                           | ✓                            |
| Rear camera sensor size                               | 1/1.28"            | Fast charging                        | ✓                            |
| Rear camera resolution (numeric) *                    | 50 MP              | Wireless charging                    | ✓                            |
| Second rear camera resolution (numeric)               | 50 MP              | Reverse wireless charging            | ✓                            |
| Third rear camera resolution (numeric)                | 50 MP              | Wireless charging power              | 50 W                         |
| Rear camera aperture number                           | 1.6                | Reverse wireless charging power      | 10 W                         |
| Second rear camera aperture number                    | 2                  | Reverse wired charging               | ✓                            |
| Third rear camera aperture number                     | 2.4                | Reverse wired charging power         | 5 W                          |
| Rear camera pixel size (Quad Pixel technology)        | 2.44 µm            | Fast charging technology             | TurboPower 90, TurboPower 50 |
| Third rear camera pixel size (Quad Pixel technology)  | 1.6 µm             | AI control                           | ✓                            |
| Second rear camera pixel size (Quad Pixel technology) | 1.28 µm            | Fingerprint reader                   | ✓                            |
| Rear camera field of view (FOV) angle                 | 84°                | Face recognition                     | ✓                            |
| Second rear camera field of view (FOV) angle          | 122°               | Speakerphone                         | ✓                            |
| Third rear camera field of view (FOV) angle           | 33°                | Voice commands                       | ✓                            |
| Second rear camera focal length                       | 1.2 cm             | Military standard                    | MIL-STD-810H                 |
| Third rear camera focal length                        | 7.1 cm             | Vibrating alert                      | ✓                            |
| Optical zoom                                          | 3x                 | Multimedia                           |                              |
| Digital zoom                                          | 100x               | FM radio                             | ✗                            |
| 100% Focus pixels                                     | ✓                  | Number of microphones                | 3                            |
| Front camera type *                                   | Single camera      | Speakers                             | stereo                       |
| Front camera resolution (numeric) *                   | 50 MP              | Audio system                         | Dolby Atmos                  |
| Front camera aperture number                          | 2                  | Software                             |                              |
| Front camera pixel size (Quad Pixel technology)       | 1.2 µm             | Platform *                           | Android                      |
| Rear camera flash *                                   | ✓                  | Operating system installed *         | Android 16.0                 |
| Front camera flash                                    | ✗                  | Software update term                 | 7 years                      |
| Flash type                                            | LED                | Virtual assistant                    | Google Gemini                |
| Sensor type                                           | Sony LYTIA 600     | Battery                              |                              |
| Video capture resolution (max)                        | 7680 x 4320 pixels | Battery technology                   | Silicon-Carbon (Si-C)        |
| Maximum frame rate                                    | 240 fps            | Battery endurance in cycles *        | 1200                         |
| Resolution at capture speed                           | 1920x1080@120fps,  | Battery capacity *                   | 5200 mAh                     |
|                                                       | 1920x1080@240fps,  | Continuous audio playback time       | 57 h                         |
|                                                       | 1920x1080@30fps,   | Continuous video playback time (max) | 28 h                         |
|                                                       | 1920x1080@60fps,   | Gaming time                          | 18 h                         |
|                                                       | 3840x2160@120fps,  | Sensors                              |                              |
| Rear camera type *                                    | 3840x2160@30fps,   | Proximity sensor                     | ✓                            |
|                                                       | 3840x2160@60fps,   | Accelerometer                        | ✓                            |
|                                                       | 7680x4320@30fps    | Ambient light sensor                 | ✓                            |
|                                                       |                    | Gyroscope                            | ✓                            |
|                                                       |                    | Gesture sensor                       | ✓                            |
| Auto focus                                            | ✓                  | Power                                |                              |
| 3D depth rear camera                                  | ✗                  | USB Type-C charging port *           | ✓                            |
| 3D depth front camera                                 | ✗                  | USB Power Delivery (USB PD)          | ✓                            |
| Face detection                                        | ✓                  |                                      |                              |

| Camera                               |                                   | Power                                      |                          |
|--------------------------------------|-----------------------------------|--------------------------------------------|--------------------------|
| Camera High Dynamic Range (HDR) mode | ✓                                 | USB Type-C required charging power (min) * | 5 W                      |
| Time lapse mode                      | ✓                                 | USB Type-C required charging power (max) * | 90 W                     |
| Image stabilizer                     | ✓                                 | <b>Endurance</b>                           |                          |
| Image stabilizer type                | Optical Image Stabilization (OIS) | Energy efficiency class *                  | A                        |
| Night mode                           | ✓                                 | Energy efficiency scale                    | A to G                   |
| Smile detection                      | ✓                                 | Battery endurance per cycle *              | 3120 min                 |
| Panorama                             | ✓                                 | Repeated free fall reliability class *     | B                        |
| Portrait mode                        | ✓                                 | Repairability class *                      | B                        |
| Macro photography                    | ✓                                 | International Protection (IP) code *       | IP68, IP69               |
| Macro video recording                | ✓                                 | <b>Weight &amp; dimensions</b>             |                          |
| Slow motion mode                     | ✓                                 | Width                                      | 76.4 mm                  |
| Audio zoom                           | ✓                                 | Depth                                      | 6.99 mm                  |
| Image editing                        | Retouching                        | Height                                     | 162.1 mm                 |
| <b>Network</b>                       |                                   | Weight *                                   | 186 g                    |
| SIM card capability *                | Dual SIM                          | <b>Packaging content</b>                   |                          |
| Mobile network generation *          | 5G                                | AC adapter included *                      | ✗                        |
| SIM card type *                      | NanoSIM + eSIM                    | Quick start guide                          | ✓                        |
| 2G standards                         | GSM                               | Screen protector                           | ✗                        |
|                                      |                                   | Cables included                            | USB Type-C to USB Type-C |
|                                      |                                   | Headset included                           | ✗                        |
|                                      |                                   | SIM card ejector pin                       | ✓                        |
|                                      |                                   | Protective case                            | ✓                        |
|                                      |                                   | <b>Other features</b>                      |                          |
|                                      |                                   | Ringer type                                | MP3                      |



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### Catalog Object Cloud



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