



## Motorola moto g47 16.9 cm (6.67") Dual SIM Android 16.0 5G USB Type-C 8 GB 128 GB 5200 mAh Grey

**Brand :** Motorola

**Product family:** moto g47

**Product code:** PBCC0027SE

**Product name :** moto g47

moto g47 PANTONE Impenetrable 8GB 128GB 5G smartphone 108MP camera 6.67" 120Hz 5200mAh MediaTek Dimensity 6300 Gorilla Glass 7i

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moto g47 is a 5G smartphone with a 108MP ultra-res camera, 3x lossless zoom, and 9-in-1 pixel-binning technology for sharp, bright images day or night. 8GB RAM expands to 24GB via AI-powered RAM Boost alongside a MediaTek Dimensity 6300 processor. A 6.67" 120Hz display stays readable outdoors with up to 1050 nits High Brightness Mode. The 5200mAh battery provides up to 60 hours 54 minutes of use. Stereo speakers with Dolby Atmos and Volume Boost deliver immersive sound. SGS-tested IP64, MIL-STD-810H, and Corning Gorilla Glass 7i add everyday durability.



| Display                              |                      | Network                              |                      |
|--------------------------------------|----------------------|--------------------------------------|----------------------|
| Display diagonal *                   | 16.9 cm (6.67")      | Near Field Communication (NFC)       | ✓                    |
| Screen shape                         | Flat                 | Subscription                         |                      |
| Screen to body ratio                 | 84.66%               | Subscription type *                  | No subscription      |
| Panel type                           | LCD                  | Ports & interfaces                   |                      |
| Display glass type                   | Corning Glass        | USB port                             | ✓                    |
| Gorilla Glass version                | Gorilla Glass 7i     | USB connector type                   | USB Type-C           |
| Display resolution *                 | 1604 x 720 pixels    | USB version                          | 2.0                  |
| Colour depth                         | 8 bit                | Headphone connectivity               | 3.5 mm               |
| Native aspect ratio                  | 20.05:9              | Navigation                           |                      |
| Maximum refresh rate                 | 120 Hz               | Assisted GPS (A-GPS)                 | ✓                    |
| Touch response rate                  | 120 Hz               | GPS (satellite)                      | ✓                    |
| Maximum display brightness (Outdoor) | 1050 cd/m²           | GLONASS                              | ✓                    |
| Pixel density                        | 264 ppi              | BeiDou                               | ✓                    |
| Brand specific technologies          | Water touch          | Galileo                              | ✓                    |
| Processor                            |                      | Quasi-Zenith Satellite System (QZSS) | ✓                    |
| Processor family *                   | MediaTek Dimensity   | Electronic compass                   | ✓                    |
| Processor model *                    | 6300                 | Position location *                  | ✓                    |
| Processor cores                      | 8                    | Design                               |                      |
| Processor boost frequency            | 2.4 GHz              | Form factor *                        | Bar                  |
| Storage                              |                      | Product colour *                     | Grey                 |
| RAM capacity *                       | 8 GB                 | Colour name                          | PANTONE Impenetrable |
| Virtual RAM (max)                    | 16 GB                | Protection features                  | Water resistant      |
| Internal storage capacity *          | 128 GB               | Housing material                     | Plastic              |
| Compatible memory cards *            | MicroSD (TransFlash) |                                      |                      |
| Maximum memory card size             | 1 TB                 |                                      |                      |
| Camera                               |                      |                                      |                      |
| Rear camera resolution (numeric) *   | 108 MP               |                                      |                      |

| Camera                                          |                                                                     | Performance                                |               |
|-------------------------------------------------|---------------------------------------------------------------------|--------------------------------------------|---------------|
| Second rear camera resolution (numeric)         | 2 MP                                                                | Video call                                 | ✓             |
| Rear camera aperture number                     | 1.7                                                                 | Fast charging                              | ✓             |
| Second rear camera aperture number              | 2.4                                                                 | Wireless charging                          | ✗             |
| Rear camera pixel size                          | 0.64 µm                                                             | Reverse wired charging                     | ✓             |
| Rear camera pixel size (Ultra Pixel technology) | 1.92 µm                                                             | Reverse wired charging power               | 6 W           |
| Second rear camera pixel size                   | 1.12 µm                                                             | Fast charging technology                   | TurboPower 20 |
| Digital zoom                                    | 10x                                                                 | Graphics card                              | Mali-G57 MC2  |
| Front camera type *                             | Single camera                                                       | Fingerprint reader                         | ✓             |
| Front camera resolution (numeric) *             | 8 MP                                                                | Face recognition                           | ✓             |
| Front camera aperture number                    | 2                                                                   | Speakerphone                               | ✓             |
| Front camera pixel size                         | 1.12 µm                                                             | Voice commands                             | ✓             |
| Rear camera flash *                             | ✓                                                                   | Military standard                          | MIL-STD-810H  |
| Front camera flash                              | ✗                                                                   | Vibrating alert                            | ✓             |
| Flash type                                      | LED                                                                 | Multimedia                                 |               |
| Video capture resolution (max)                  | 2560 x 1440 pixels                                                  | FM radio                                   | ✓             |
| Maximum frame rate                              | 120 fps                                                             | Number of microphones                      | 2             |
| Resolution at capture speed                     | 2560x1440@30fps, 1920x1080@30fps, 1920x1080@60fps, 1920x1080@120fps | Speakers                                   | stereo        |
|                                                 |                                                                     | Audio system                               | Dolby Atmos   |
| Rear camera type *                              | Dual camera                                                         | Software                                   |               |
| Auto focus                                      | ✓                                                                   | Platform *                                 | Android       |
| 3D depth rear camera                            | ✗                                                                   | Operating system installed *               | Android 16.0  |
| 3D depth front camera                           | ✗                                                                   | Virtual assistant                          | Google Gemini |
| Face detection                                  | ✓                                                                   | Battery                                    |               |
| Camera High Dynamic Range (HDR) mode            | ✓                                                                   | Battery endurance in cycles *              | 1200          |
| Time lapse mode                                 | ✓                                                                   | Battery capacity *                         | 5200 mAh      |
| Video stabilizer                                | ✓                                                                   | Sensors                                    |               |
| Self-timer                                      | ✓                                                                   | Proximity sensor                           | ✓             |
| Night mode                                      | ✓                                                                   | Accelerometer                              | ✓             |
| Smile detection                                 | ✓                                                                   | Ambient light sensor                       | ✓             |
| Portrait Lighting                               | ✓                                                                   | Gyroscope                                  | ✓             |
| Panorama                                        | ✓                                                                   | Flicker sensor                             | ✓             |
| Portrait mode                                   | ✓                                                                   | Gesture sensor                             | ✓             |
| Macro photography                               | ✓                                                                   | Power                                      |               |
| Macro video recording                           | ✓                                                                   | USB Type-C charging port *                 | ✓             |
| Slow motion mode                                | ✓                                                                   | USB Power Delivery (USB PD)                | ✓             |
| Image editing                                   | Retouching                                                          | USB Type-C required charging power (min) * | 5 W           |
| Network                                         |                                                                     | USB Type-C required charging power (max) * | 20 W          |
| SIM card capability *                           | Dual SIM                                                            | Endurance                                  |               |
| Mobile network generation *                     | 5G                                                                  | Energy efficiency class *                  | A             |
| SIM card type *                                 | NanoSIM                                                             | Energy efficiency scale                    | A to G        |
| 2G standards                                    | GSM                                                                 | Battery endurance per cycle *              | 3654 min      |
| 3G standards *                                  | WCDMA                                                               | Repeated free fall reliability class *     | A             |
| 4G standard *                                   | LTE                                                                 | Repairability class *                      | B             |
| 5G standard *                                   | Sub6, NR                                                            | International Protection (IP) code *       | IP64          |
| Wi-Fi                                           | ✓                                                                   | Weight & dimensions                        |               |
| Top Wi-Fi standard *                            | Wi-Fi 5 (802.11ac)                                                  | Width                                      | 76.5 mm       |
| Wi-Fi standards                                 | 802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac)    | Depth                                      | 7.85 mm       |
| Bluetooth *                                     | ✓                                                                   | Height                                     | 166.2 mm      |
| Bluetooth version                               | 5.4                                                                 | Weight *                                   | 191 g         |
| Bluetooth Low Energy (BLE)                      | ✓                                                                   | Packaging content                          |               |
| Frequency band                                  | Quad-band                                                           | AC adapter included *                      | ✗             |
|                                                 |                                                                     | Quick start guide                          | ✓             |

| Packaging content    |                          |
|----------------------|--------------------------|
| Cables included      | USB Type-C to USB Type-C |
| SIM card ejector pin | ✓                        |
| Other features       |                          |
| Ringer type          | MP3                      |



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### Catalog Object Cloud



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