



Motorola Edge 50 Neo 16.1 cm (6.36") Dual SIM Android 14 5G USB Type-C 8 GB 256 GB 4310 mAh Grey

Brand : Motorola

Product family: Edge

Product code: PB310000GB

Product name : Edge 50 Neo

6.36" pOLED, Super HD (2670 x 1220px), 20:9, MediaTek Dimensity 7300, 8/256GB, 50MP + 13MP + 10MP/32MP, Bluetooth 5.3, 802.11 a/b/g/n/ac/ax, 5G, USB Type-C, NFC, Android 14

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Hello smartphone

Intelligence meets art

Introducing the motorola edge 50 neo, effortless creativity in a more compact size. With a minimalist design and premium materials, it's the essence of sophistication. Helping you tell beautiful stories through next-level photos and videos powered by moto ai. Viewing, editing, and sharing them in cinematic quality on a 6.36" Super HD (1220p) pOLED display. Letting you fuel up fast and keep creating thanks to 68W TurboPower™ charging. And giving you breathtaking performance today, while delivering five OS upgrades as well as security updates through 2029. This is the motorola edge 50 neo. More than a phone. It's a work of art.



| Display | | Camera | |
|-------------------------------------|-------------------------------------|--------------------------------|---|
| Display diagonal * | 16.1 cm (6.36") | Slow motion mode | ✓ |
| Screen shape | Flat | Audio zoom | ✓ |
| Screen to body ratio | 95.3% | Network | |
| Panel type | P-OLED | SIM card capability * | Dual SIM |
| LED backlight | ✓ | Mobile network generation * | 5G |
| Display glass type | Corning Glass | SIM card type * | NanoSIM + eSIM |
| Gorilla Glass version | Gorilla Glass 3 | 2G standards | GSM |
| Display resolution * | 2670 x 1220 pixels | 3G standards * | WCDMA |
| Display number of colours | 1.07 billion colours | 4G standard * | LTE |
| Native aspect ratio | 20:9 | 5G standard * | Sub6 |
| Maximum refresh rate | 120 Hz | Wi-Fi | ✓ |
| Touch response rate | 300 Hz | 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) |
| Maximum display brightness (HDR) | 3000 cd/m ² | Bluetooth * | ✓ |
| High Dynamic Range (HDR) supported | ✓ | Bluetooth version | 5.3 |
| High Dynamic Range (HDR) technology | High Dynamic Range 10+ (HDR10 Plus) | Near Field Communication (NFC) | ✓ |
| DCI-P3 coverage | 100% | Subscription | |
| Pixel density | 460 ppi | Subscription type * | No subscription |
| Blue light reduction | ✓ | Ports & interfaces | |
| Motion blur reduction | ✓ | USB port * | ✓ |
| Processor | | USB connector type | USB Type-C |
| Processor family * | MediaTek Dimensity | USB version | 2.0 |
| Processor model * | 7300 | Headphone connectivity | USB Type-C |
| Processor architecture | ARM Cortex-A78+Cortex-A55 | Design | |
| Processor cores | 8 | Form factor * | Bar |
| Storage | | | |

| Storage | | Design | |
|--|---|------------------------------------|---|
| RAM capacity * | 8 GB | Product colour * | Grey |
| RAM type | LPDDR4X | Colour name | PANTONE Grisaille |
| Internal storage capacity * | 256 GB | International Protection (IP) code | IP68 |
| Compatible memory cards * | Not supported | Protection features | Water resistant |
| Camera | | Housing material | Artificial leather, Glass, Plastic, Polyurethane (PU) |
| Rear camera resolution (numeric) * | 50 MP | Performance | |
| Second rear camera resolution (numeric) | 13 MP | Fast charging | ✓ |
| Third rear camera resolution (numeric) | 10 MP | Wireless charging | ✓ |
| Rear camera aperture number | 1.8 | Fast charging technology | TurboPower |
| Second rear camera aperture number | 2.2 | Fingerprint reader | ✓ |
| Third rear camera aperture number | 2 | Face recognition | ✓ |
| Rear camera pixel size | 1 µm | Military standard | MIL-STD-810H |
| Second rear camera pixel size | 1.12 µm | Navigation | |
| Third rear camera pixel size | 1 µm | Assisted GPS (A-GPS) | ✓ |
| Second rear camera field of view (FOV) angle | 120° | GPS (satellite) | ✓ |
| Optical zoom | 3x | GLONASS | ✓ |
| Front camera type * | Single camera | Galileo | ✓ |
| Front camera resolution (numeric) * | 32 MP | Electronic compass | ✓ |
| Front camera aperture number | 2.4 | Position location * | ✓ |
| Front camera pixel size | 0.7 µm | LTE Positioning Protocol (LPP) | ✓ |
| Rear camera flash * | ✓ | Secure User Plane Location (SUPL) | ✓ |
| Flash type | LED | Multimedia | |
| Sensor type | Sony LYTIA 700C | FM radio | ✗ |
| Video capture resolution (max) | 3840 x 2160 pixels | Number of microphones | 2 |
| Maximum frame rate | 240 fps | Speakers | stereo |
| Resolution at capture speed | 1920x1080@120fps, 1920x1080@240fps, 1920x1080@30fps, 1920x1080@60fps, 3840x2160@30fps | Audio system | Dolby Atmos |
| Rear camera type * | Triple camera | Software | |
| Face detection | ✓ | Platform * | Android |
| Camera High Dynamic Range (HDR) mode | ✓ | Operating system installed * | Android 14 |
| Time lapse mode | ✓ | Virtual assistant | Google Assistant |
| Video stabilizer | ✓ | Battery | |
| Image stabilizer | ✓ | Battery capacity * | 4310 mAh |
| Image stabilizer type | Optical Image Stabilization (OIS) | Sensors | |
| Self-timer | ✓ | Proximity sensor | ✓ |
| Night mode | ✓ | Accelerometer | ✓ |
| Smile detection | ✓ | Ambient light sensor | ✓ |
| Panorama | ✓ | Gyroscope | ✓ |
| Portrait mode | ✓ | Weight & dimensions | |
| | | Width | 71.2 mm |
| | | Depth | 8.1 mm |
| | | Height | 154.1 mm |
| | | Weight * | 171 g |
| | | Packaging content | |
| | | AC adapter included | ✗ |
| | | Screen protector | ✗ |
| | | Cables included | USB Type-C |
| | | Headset included | ✗ |
| | | SIM card ejector pin | ✓ |
| | | Protective case | ✓ |



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