



Motorola moto g37 16.9 cm (6.67") Dual SIM Android 16.0 5G USB Type-C 4 GB 128 GB 5200 mAh Grey

Brand : Motorola

Product family: moto g37

Product code: PBCE0000GB

Product name : moto g37

moto g37 PANTONE Impenetrable 4GB 128GB 5G smartphone 50MP camera 6.67" 120Hz 5200mAh MediaTek Dimensity 6300 Gorilla Glass 7i

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moto g37 is a 5G smartphone with 4GB RAM expandable to 12GB via AI-powered RAM Boost and a MediaTek Dimensity 6300 processor. The 50MP Quad Pixel camera captures detailed photos with Night Vision, Portrait, and Frame Match modes. A 6.67" 120Hz display stays readable outdoors with up to 1050 nits High Brightness Mode and Display Color Boost. A 5200mAh battery provides up to 63 hours 55 minutes of use. Stereo speakers with Dolby Atmos and Volume Boost provide immersive audio with enhanced volume. SGS-tested IP64 protection and Corning Gorilla Glass 7i add everyday durability.



Display		Ports & interfaces	
Display diagonal *	16.9 cm (6.67")	USB port	✓
Screen shape	Flat	USB connector type	USB Type-C
Screen to body ratio	84.66%	USB version	2.0
Panel type	LCD	Headphone connectivity	3.5 mm
Display glass type	Corning Glass	Navigation	
Gorilla Glass version	Gorilla Glass 7i	Assisted GPS (A-GPS)	✓
Display resolution *	1604 x 720 pixels	GPS (satellite)	✓
Colour depth	8 bit	GLONASS	✓
Native aspect ratio	20.05:9	BeiDou	✓
Maximum refresh rate	120 Hz	Galileo	✓
Touch response rate	120 Hz	Quasi-Zenith Satellite System (QZSS)	✓
Maximum display brightness (Outdoor)	1050 cd/m ²	Electronic compass	✓
Pixel density	264 ppi	Position location *	✓
Brand specific technologies	Water touch	Design	
Processor		Form factor *	Bar
Processor family *	MediaTek Dimensity	Product colour *	Grey
Processor model *	6300	Colour name	PANTONE Impenetrable
Processor cores	8	Protection features	Water resistant
Processor boost frequency	2.4 GHz	Housing material	Plastic
Storage		Performance	
RAM capacity *	4 GB	Video call	✓
Virtual RAM (max)	8 GB	Fast charging	✓
Internal storage capacity *	128 GB	Wireless charging	✓
Compatible memory cards *	MicroSD (TransFlash)	Reverse wired charging	✓
Maximum memory card size	1 TB	Reverse wired charging power	6 W
Camera			
Rear camera resolution (numeric) *	50 MP		

Camera		Performance	
Rear camera aperture number	1.8	Fast charging technology	TurboPower 20
Rear camera pixel size	0.61 µm	Graphics card	Mali-G57 MC2
Rear camera pixel size (Quad Pixel technology)	1.22 µm	AI control	✓
Digital zoom	8x	Fingerprint reader	✓
Front camera type *	Single camera	Face recognition	✓
Front camera resolution (numeric) *	8 MP	Speakerphone	✓
Front camera aperture number	2	Voice commands	✓
Front camera pixel size	1.12 µm	Military standard	MIL-STD-810H
Rear camera flash *	✓	Vibrating alert	✓
Front camera flash	✗	Multimedia	
Flash type	LED	FM radio	✓
Video capture resolution (max)	2560 x 1440 pixels	Number of microphones	2
Maximum frame rate	120 fps	Speakers	stereo
Resolution at capture speed	2560x1440@30fps, 1920x1080@120fps, 1920x1080@30fps, 1920x1080@60fps	Audio system	Dolby Atmos
Rear camera type *	Single 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	✓
Slow motion mode	✓	Power	
Image editing	Retouching	USB Type-C charging port *	✓
Network		USB Power Delivery (USB PD)	✓
SIM card capability *	Dual SIM	USB Type-C required charging power (min) *	5 W
Mobile network generation *	5G	USB Type-C required charging power (max) *	20 W
SIM card type *	NanoSIM + eSIM	Endurance	
2G standards	GSM	Energy efficiency class *	A
3G standards *	WCDMA	Energy efficiency scale	A to G
4G standard *	LTE	Battery endurance per cycle *	3835 min
5G standard *	Sub6, NR	Repeated free fall reliability class *	A
Wi-Fi	✓	Repairability class *	B
Top Wi-Fi standard *	Wi-Fi 5 (802.11ac)	International Protection (IP) code *	IP64
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac)	Weight & dimensions	
Bluetooth *	✓	Width	76.5 mm
Bluetooth version	5.4	Depth	7.85 mm
Bluetooth Low Energy (BLE)	✓	Height	166.2 mm
Frequency band	Quad-band	Weight *	191 g
Near Field Communication (NFC)	✓	Packaging content	
Subscription		AC adapter included *	✗
Subscription type *	No subscription	Quick start guide	✓
		Cables included	USB Type-C to USB Type-C
		SIM card ejector pin	✓
		Other features	
		Ringer type	MP3



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