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:** PBCE0003SE

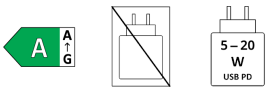
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moto g37 PANTONE Impenetrable 4GB 128GB 5G smartphone 50MP camera 6.67" 120Hz 5200mAh MediaTek Dimensity 6300 Gorilla Glass 7i

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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	
Display diagonal *	16.9 cm (6.67")
Screen shape	Flat
Screen to body ratio	84.66%
Panel type	LCD
Display glass type	Corning Glass
Gorilla Glass version	Gorilla Glass 7i
Display resolution *	1604 x 720 pixels
Colour depth	8 bit
Native aspect ratio	20.05:9
Maximum refresh rate	120 Hz
Touch response rate	120 Hz
Maximum display brightness (Outdoor)	1050 cd/m²
Pixel density	264 ppi
Brand specific technologies	Water touch

Processor	
Processor family *	MediaTek Dimensity
Processor model *	6300
Processor cores	8
Processor boost frequency	2.4 GHz

Storage	
RAM capacity *	4 GB
Virtual RAM (max)	8 GB
Internal storage capacity *	128 GB
Compatible memory cards *	MicroSD (TransFlash)
Maximum memory card size	1 TB

Camera	
Rear camera resolution (numeric) *	50 MP

Ports & interfaces	
USB port	✔
USB connector type	USB Type-C
USB version	2.0
Headphone connectivity	3.5 mm

Navigation	
Assisted GPS (A-GPS)	✔
GPS (satellite)	✔
GLONASS	✔
BeiDou	✔
Galileo	✔
Quasi-Zenith Satellite System (QZSS)	✔
Electronic compass	✔
Position location *	✔

Design	
Form factor *	Bar
Product colour *	Grey
Colour name	PANTONE Impenetrable
Protection features	Water resistant
Housing material	Plastic

Performance	
Video call	✔
Fast charging	✔
Wireless charging	✔
Reverse wired charging	✔
Reverse wired charging power	6 W

Camera

Rear camera aperture number	1.8
Rear camera pixel size	0.61 µm
Rear camera pixel size (Quad Pixel technology)	1.22 µm
Digital zoom	8x
Front camera type *	Single camera
Front camera resolution (numeric) *	8 MP
Front camera aperture number	2
Front camera pixel size	1.12 µm
Rear camera flash *	✔
Front camera flash	✘
Flash type	LED
Video capture resolution (max)	2560 x 1440 pixels
Maximum frame rate	120 fps
Resolution at capture speed	2560x1440@30fps, 1920x1080@120fps, 1920x1080@30fps, 1920x1080@60fps
Rear camera type *	Single camera
Auto focus	✔
3D depth rear camera	✘
3D depth front camera	✘
Face detection	✔
Camera High Dynamic Range (HDR) mode	✔
Time lapse mode	✔
Video stabilizer	✔
Self-timer	✔
Night mode	✔
Smile detection	✔
Portrait Lighting	✔
Panorama	✔
Portrait mode	✔
Slow motion mode	✔
Image editing	Retouching

Network

SIM card capability *	Dual SIM
Mobile network generation *	5G
SIM card type *	NanoSIM + eSIM
2G standards	GSM
3G standards *	WCDMA
4G standard *	LTE
5G standard *	Sub6, NR
Wi-Fi	✔
Top Wi-Fi standard *	Wi-Fi 5 (802.11ac)
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac)
Bluetooth *	✔
Bluetooth version	5.4
Bluetooth Low Energy (BLE)	✔
Frequency band	Quad-band
Near Field Communication (NFC)	✔

Subscription

Subscription type *	No subscription

Performance

Fast charging technology	TurboPower 20
Graphics card	Mali-G57 MC2
AI control	✔
Fingerprint reader	✔
Face recognition	✔
Speakerphone	✔
Voice commands	✔
Military standard	MIL-STD-810H
Vibrating alert	✔

Multimedia

FM radio	✔
Number of microphones	2
Speakers	stereo
Audio system	Dolby Atmos

Software

Platform *	Android
Operating system installed *	Android 16.0
Virtual assistant	Google Gemini

Battery

Battery endurance in cycles *	1200
Battery capacity *	5200 mAh

Sensors

Proximity sensor	✔
Accelerometer	✔
Ambient light sensor	✔
Gyroscope	✔
Flicker sensor	✔
Gesture sensor	✔

Power

USB Type-C charging port *	✔
USB Power Delivery (USB PD)	✔
USB Type-C required charging power (min) *	5 W
USB Type-C required charging power (max) *	20 W

Endurance

Energy efficiency class *	A
Energy efficiency scale	A to G
Battery endurance per cycle *	3835 min
Repeated free fall reliability class *	A
Repairability class *	B
International Protection (IP) code *	IP64

Weight & dimensions

Width	76.5 mm
Depth	7.85 mm
Height	166.2 mm
Weight *	191 g

Packaging content

AC adapter included *	✘
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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