



Motorola moto g56 5G 17.1 cm (6.72") Hybrid Dual SIM Android 15 USB Type-C 8 GB 512 GB 5200 mAh Black

Brand : Motorola

Product family: moto g56 5G

Product code: PB7Y0053ES

Product name : moto g56 5G

6.72", LCD, 2400 x 1080px, MediaTek Dimensity 7060, 8/512GB, microSD, 50MP + 8MP, 32MP, 5G, Bluetooth 5.3, 802.11 a/b/g/n/ac, USB Type-C, 5200mAh, Android 15

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Beautifully built. Durably designed.

Introducing the moto g56 5G, combining beautiful design with practical durability. Enjoy the soft feel of an easy-to-grip, premium finish—plus worry-free underwater protection, extreme temperature resistance, and a scratch-resistant screen.(1,2) Enhance your entertainment on a super-bright 6.72" FHD+ display backed by powerful stereo speakers with Bass Boost. Capture outstanding photos in any light with a 50MP Sony LYTIA™ camera powered by moto ai. Get hours of power in just minutes with blazing-fast TurboPower™ charging.(3,4) Unleash the power of an octa-core processor at 5G speeds.(5) Plus, get plenty of storage for photos, movies, songs, and apps. The new moto g56 5G. Durability is beautiful.



Display		Ports & interfaces	
Display diagonal *	17.1 cm (6.72")	USB connector type	USB Type-C
Screen to body ratio	87%	USB version	2.0
Panel type	LCD	Headphone connectivity	3.5 mm
Display glass type	Corning Glass	Navigation	
Gorilla Glass version	Gorilla Glass 7i	GPS (satellite)	✓
Display resolution *	2400 x 1080 pixels	GLONASS	✓
Native aspect ratio	20:9	BeiDou	✓
Maximum refresh rate	120 Hz	Galileo	✓
Maximum display brightness (Outdoor)	1000 cd/m²	Quasi-Zenith Satellite System (QZSS)	✓
Pixel density	391 ppi	Electronic compass	✗
Brand specific technologies	Water touch	Position location *	✓
Processor		Design	
Processor family *	MediaTek Dimensity	Form factor *	Bar
Processor model *	7060	Product colour *	Black
Processor cores	8	Colour name	Black Oyster
Processor frequency *	2.6 GHz	Protection features	Drop proof, Dust resistant, Scratch resistant, Water resistant
Storage		Waterproof up to	1.5 m
RAM capacity *	8 GB	Housing material	Artificial leather
Virtual RAM (max)	16 GB	Performance	
Internal storage capacity *	512 GB	Video call	✓
Compatible memory cards *	MicroSD (TransFlash), MicroSDHC, MicroSDXC	Fast charging	✓
Maximum memory card size	2 TB	Wireless charging	✗
Camera		Fast charging technology	TurboPower 30
Rear camera resolution (numeric) *	50 MP	Graphics card	IMG BXM-8-256
Second rear camera resolution (numeric)	8 MP	AI control	✓

Camera		Performance	
Rear camera aperture number	1.8	Fingerprint reader	✓
Second rear camera aperture number	2.2	Face recognition	✓
Rear camera pixel size	0.8 µm	Speakerphone	✓
Rear camera pixel size (Quad Pixel technology)	1.6 µm	Voice commands	✓
Second rear camera pixel size	1.12 µm	Military standard	MIL-STD-810H
Digital zoom	8x	Vibrating alert	✓
Front camera type *	Single camera	Multimedia	
Front camera resolution (numeric) *	32 MP	FM radio	✓
Front camera aperture number	2.2	Number of microphones	2
Front camera pixel size	0.7 µm	Speakers	stereo
Front camera pixel size (Quad Pixel technology)	1.4 µm	Audio system	Dolby Atmos
Rear camera flash *	✓	Software	
Front camera flash	✗	Platform *	Android
Flash type	LED	Operating system installed *	Android 15
Sensor type	Sony LYTIA 600	Virtual assistant	Google Assistant
Video capture resolution (max)	1920 x 1080 pixels	Battery	
Maximum frame rate	60 fps	Battery capacity *	5200 mAh
Resolution at capture speed	1920x1080@30fps, 1920x1080@60fps	Sensors	
Rear camera type *	Dual camera	Proximity sensor	✓
Auto focus	✓	Accelerometer	✓
3D depth rear camera	✗	Ambient light sensor	✓
3D depth front camera	✗	Gyroscope	✓
Face detection	✓	Gesture sensor	✓
Time lapse mode	✓	Power	
Night mode	✓	USB Type-C charging port *	✓
Smile detection	✓	USB Power Delivery (USB PD)	✓
Panorama	✓	USB Type-C required charging power (min) *	5 W
Portrait mode	✓	USB Type-C required charging power (max) *	30 W
Slow motion mode	✓	Endurance	
Audio zoom	✓	Energy efficiency class *	B
AI scene recognition	✓	Energy efficiency scale	A to G
Image editing	Retouching	Battery endurance per cycle *	2940 min
Network		Battery endurance in cycles *	1000
SIM card capability *	Hybrid Dual SIM	Repeated free fall reliability class *	A
Mobile network generation *	5G	Repairability class *	A
SIM card type *	NanoSIM + eSIM	International Protection (IP) code *	IP68
2G standards	GSM	Weight & dimensions	
3G standards *	WCDMA	Width	76.3 mm
4G standard *	LTE	Depth	8.35 mm
5G standard *	NR	Height	165.8 mm
Wi-Fi	✓	Weight *	200 g
Top Wi-Fi standard *	Wi-Fi 5 (802.11ac)	Operational conditions	
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac)	Operating temperature (T-T)	-20 - 60 °C
Bluetooth *	✓	Operating altitude	0 - 4500 m
Bluetooth version	5.3	Packaging content	
Near Field Communication (NFC)	✓	AC adapter included *	✗
Subscription		Quick start guide	✓
Subscription type *	No subscription	Screen protector	✗
Ports & interfaces		Cables included	USB Type-A to USB Type-C
USB port	✓	Headset included	✗
		SIM card ejector pin	✓
		Protective case	✓

Other features	
Ringer type	MP3
Repairability index	4



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