Motorola Moto G56(PB7Y0042GB)

Motorola Moto G56 - 5G smartphone - dual-SIM - RAM 8 GB / Internal Memory 256 GB - microSD slot - LCD display - 6.72" - 2400 x 1080 pixels (120 Hz) - 2x rear cameras 50 MP, 8 MP - front camera 32 MP - pantone black oyster

The Motorola Moto G56 offers a combination of performance and durability, designed for users who demand reliability. With a robust 5200 mAh battery, this smartphone delivers extended usage between charges, ideal for day-to-day activities, entertainment, and communication. The device runs on the Android operating system with a personalized My UX interface, providing a seamless user experience with intuitive controls.

Key Selling Points

5200 mAh battery for prolonged use
6.72-inch Full HD+ display with 120 Hz refresh rate
Dual rear cameras for versatile photography
5G connectivity for fast network access
IP68 rated for water and dust resistance

Product Features

Battery capacity
The 5200 mAh battery ensures users can enjoy their smartphone for longer periods without needing to recharge, supporting intense gaming, streaming, and browsing.

Display quality
With a 6.72-inch Full HD+ LCD display and a resolution of 2400 x 1080 pixels, users can experience sharp and vivid visuals, making media consumption enjoyable.

Camera setup
Equipped with a dual rear camera system featuring a 50 megapixel main sensor and an 8 megapixel ultra-wide lens, the Moto G56 enables users to capture images in various settings.

Connectivity options
The smartphone supports fast 5G connectivity, allowing for quick data transmission and streaming, alongside features like NFC and Bluetooth 5.3 for seamless device pairing.

Design
The Moto G56 is built to last with IP68 water and dust resistance ratings, as well as compliance with military-grade standards, ensuring durability in challenging environments.

Main Specifications

Product Description	Motorola Moto G56 - pantone black oyster - 5G smartphone - 256 GB - GSM
Product Type	5G smartphone
Display	LCD display - 2400 x 1080 pixels - 6.72" - 391 ppi - (120 Hz) - 20:9 - LCD - Corning Gorilla Glass 7i (scratch resistant glass)
Features	FM radio
Processor	MediaTek Dimensity 7060 2.6 GHz (8-core)
Graphics Accelerator	IMG BXM-8-256
Memory	RAM 8 GB / 256 GB
Supported Memory Card	microSDXC slot - up to 2 TB
Operating System	Android 15 with My UX
Main Camera	50 Megapixel - LYTIA 600 sensor - f/1.8 - focus: automatic

Second Camera	8 Megapixel - ultra wide-angle lens - f/2.2
Front Camera	32 Megapixel f/2.2 - focus free
Service Provider	Not specified
SIM Card	Dual-SIM - nano SIM, Electronic SIM card (e-SIM)
Wireless Interface	NFC, Wi-Fi 5, Bluetooth
Security Devices	Face recognition, fingerprint reader
Connectors	3.5 mm headset jack, USB-C
Protection	Water-resistant
Colour	Pantone black oyster
Dimensions (WxDxH)	76.26 mm x 8.35 mm x 167.75 mm
Weight	200 g
Specific Absorption Rate (SAR)	0.98 W/kg (head) ¦ 1.49 W/kg (body) ¦ 2.99 W/kg (limb)
Manufacturer Warranty	2-year warranty

Extended Specification

General

Product Type	Smartphone
Form Factor	Touch
Protection	Water-resistant
Integrated Components	FM radio
Width	76.26 mm
Depth	8.35 mm
Height	167.75 mm
Weight	200 g
Body Colour	Pantone black oyster

Memory

RAM	8 GB + up to 24 GB virtual extension
Internal Memory Capacity	256 GB
Supported Flash Memory Cards	microSDHC, microSD, microSDXC - up to 2 TB

Manufacturer Warranty

Service & Support	Limited warranty - 2 years
Regional Warranty Exceptions	Spain - 3 years

Processor

Type	MediaTek Dimensity 7060
Clock Speed	2.6 GHz
Processor Core Qty	8-core

Miscellaneous

Ingress Protection Rating	IP68
Repeated Free Fall Reliability Class	Class A
Compliant Standards	IP68, IP69, MIL-STD-810H
Included Accessories	Protective cover, SIM card removal tool, USB-C cable

Display

Type	LCD display
Technology	LCD

Diagonal Size	6.72"
Display Resolution	2400 x 1080 pixels
Display Format	Full HD+
Pixel Density	391 ppi
Aspect Ratio	20:9
Max Brightness	1000 cd/m²
Refresh Rate	120 Hz
Protection	Corning Gorilla Glass 7i (scratch resistant glass)

Battery

Capacity	5200 mAh
Battery Endurance per Cycle	2940 min
Battery Endurance in Cycles	1000

Communications

Data Transmission	LTE, 5G NR FR1
3G UMTS Band	Band 1, Band 2, Band 5, Band 8
3G UMTS Frequency	2100, 1900, 850, 900
4G LTE Band	Band 1, Band 2, Band 3, Band 5, Band 7, Band 8, Band 20, Band 26, Band 28, Band 32, Band 38, Band 40, Band 41, Band 42, Band 71
4G LTE Frequency	FDD 2100, FDD 1900 PCS, FDD 1800+, FDD 850, FDD 2600, FDD 900, FDD 800 DD, FDD 850+, FDD 700 APT, FDD 1500 L, TDD 2600, TDD 2300, TDD 2500, TDD 3500, FDD 600
5G NR Band	N1, n3, n5, n7, n8, n20, n28, n38, n41, n71, n75, n77, n78, n40, n26
5G NR Frequency	FDD 2100, FDD 1800, FDD 850, FDD 2600, FDD 900, FDD 800, FDD 700APT, TDD TD 2600, TDD TD 2500, FDD 600, SDL DL 1500+, TDD TD 3700, TDD TD 3500, TDD 2300, FDD 850
Wireless Interface	NFC, IEEE 802.11a/b/g/n/ac, Bluetooth 5.3

Connections

Connector Type	USB Type-C - 24 pin USB-C ¦ Headset jack - mini-phone 3.5mm

Phone Features

Sensors	Accelerometer, proximity sensor, digital compass, SAR sensor, dual ambient light sensor, gyroscope
Security Devices	Face recognition, fingerprint reader
Security Technology	Face Unlock, ThinkShield for Mobile, Moto Secure
Additional Features	Dual microphones, Gesture Controls, dual stereo speakers, RAM Expansion, Family Space

Cellular

Technology	WCDMA (UMTS) / GSM
Mobile Broadband Generation	5G
Service Provider	Not specified
Operating System	Android 15
User Interface	My UX
Intelligent Assistant	Google Assistant
Navigation	GPS, GLONASS, BeiDou, Galileo, QZSS
SIM Card Type	Nano SIM, Electronic SIM card (e-SIM)
SIM Card Qty	Dual-SIM
SIM Card Configuration Details	Nano SIM + nano SIM/microSD
Input Device	Multi-touch

Graphics System

Graphics Accelerator	IMG BXM-8-256

Media Player

Sound Enhancements	Dolby Atmos sound technology

Front Camera

Sensor Resolution	32 Megapixel
Lens Aperture	F/2.2
Focus Adjustment	Focus free
Pixel Size	0.7 µm
Special Effects	Photo booth, face retouch
Camera Modes	Pro mode, Selfie Mirror, Portrait, Gesture selfie, Auto smile capture, Auto night vision
Video Resolutions	1920 x 1080 (1080p) at 30 fps
Features	Quad Pixel technology for 1.4 µm

Main Camera

Sensor Resolution	50 Megapixel
Sensor Name	Sony LYTIA 600 sensor
Lens Aperture	F/1.8
Pixel Size	0.8 µm
Focus Adjustment	Automatic
Digital Zoom	8x
Camera Modes	Slow motion video, Panorama, Pro mode, Portrait, Night Vision, Auto smile capture, Ultra-Res, Capture Dual, Scanner, Timelapse with Hyperlapse, Auto night vision
Light Source	Dual LED flash
Video Resolutions	1920 x 1080 (1080p) at 30 fps, 1920 x 1080 (1080p) at 60 fps
Features	Phase Detect Auto-Focus (PDAF), Audio zoom, Google Lens, High-res digital zoom (up to 8x), Quad Pixel technology for 1.6 µm

Second Camera

Sensor Resolution	8 Megapixel
Lens Type	Ultra wide-angle lens
Lens Aperture	F/2.2
Pixel Size	1.12 µm

Sustainability Information

Repairability Class	Class A

What's in the box

Motorola Moto G56
Protective cover, SIM card removal tool, USB-C cable