



Motorola moto g87 17.2 cm (6.78") Hybrid Dual SIM Android 16.0 5G USB Type-C 8 GB 256 GB 5200 mAh Grey

Brand : Motorola

Product family: moto g

Product code: PBBS0000GB

Product name : moto g87

moto g87 PANTONE Overture 8GB 256GB 5G smartphone 200MP OIS camera 6.78" Extreme AMOLED 120Hz 5200mAh MediaTek Dimensity 6400

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moto g87 is a 5G smartphone with a 200MP ultra-res camera with OIS and 16-in-1 Ultra Pixel technology for sharp images in any light, paired with an 8MP ultra-wide. The 6.78" Extreme AMOLED display reaches 120Hz and up to 5000 nits peak brightness in Super HD 1.5K resolution. Military-grade durability (MIL-STD 810H) and IP66/IP68/IP69 water and dust protection handle real life. Stereo speakers with Dolby Atmos and Hi-Res Audio deliver powerful sound. A 5200mAh battery supports 30W TurboPower charging, powered by MediaTek Dimensity 6400 with up to 24GB RAM.



Display		Network	
Display diagonal *	17.2 cm (6.78")	Near Field Communication (NFC)	✓
Screen shape	Flat	Subscription	
Screen to body ratio	91.33%	Subscription type *	No subscription
Display technology marketing name	Extreme AMOLED	Ports & interfaces	
Panel type	AMOLED	USB port	✓
Display glass type	Corning Glass	USB connector type	USB Type-C
Gorilla Glass version	Gorilla Glass 7i	USB version	2.0
Display resolution *	1272 x 2772 pixels	Headphone connectivity	USB Type-C
Display number of colours	1.07 billion colours	Navigation	
Colour depth	10 bit	GPS (satellite)	✓
Native aspect ratio	19.6:9	GLONASS	✓
Maximum refresh rate	120 Hz	BeiDou	✓
Display brightness	5000 cd/m²	Galileo	✓
DCI-P3 coverage	100%	Quasi-Zenith Satellite System (QZSS)	✓
Pixel density	450 ppi	Electronic compass	✓
Brand specific technologies	Water touch	Position location *	✓
Blue light reduction	✓	Design	
Motion blur reduction	✓	Form factor *	Bar
Processor		Product colour *	Grey
Processor family *	MediaTek Dimensity	Colour name	PANTONE Overture
Processor model *	6400	Protection features	Waterproof, Shock resistant, Drop resistant
Processor cores	8	Waterproof up to	1.5 m
Processor boost frequency	2.5 GHz	Performance	
Storage		Video call	✓
RAM capacity *	8 GB		
Virtual RAM (max)	16 GB		
Internal storage capacity *	256 GB		
Compatible memory cards *	MicroSD (TransFlash)		

Storage		Performance	
Maximum memory card size	2 TB	Fast charging	✓
Camera		Wireless charging	✓
Rear camera resolution (numeric) *	200 MP	Fast charging technology	TurboPower 30
Second rear camera resolution (numeric)	8 MP	Graphics card	Mali-G57 MC2
Rear camera aperture number	1.8	Fingerprint reader	✓
Second rear camera aperture number	2.2	Face recognition	✓
Rear camera pixel size	0.5 µm	Speakerphone	✓
Rear camera pixel size (Ultra Pixel technology)	2 µm	Voice commands	✓
Second rear camera pixel size	1.12 µm	Military standard	MIL-STD-810H
Digital zoom	10x	Vibrating alert	✓
Front camera type *	Single camera	Multimedia	
Front camera resolution (numeric) *	32 MP	FM radio	✗
Rear camera flash *	✓	Number of microphones	2
Front camera flash	✗	Speakers	stereo
Flash type	LED	Audio system	Dolby Atmos
Video capture resolution (max)	2560 x 1440 pixels	Software	
Resolution at capture speed	2560x1440@30fps,	Platform *	Android
	1920x1080@30fps,	Operating system installed *	Android 16.0
	1920x1080@60fps,	Virtual assistant	Google Gemini
	1920x1080@120fps		
Rear camera type *	Dual camera	Battery	
Auto focus	✓	Battery endurance in cycles *	1200
3D depth rear camera	✗	Battery capacity *	5200 mAh
3D depth front camera	✗	Sensors	
Face detection	✓	Proximity sensor	✓
Time lapse mode	✓	Accelerometer	✓
Image stabilizer	✓	Ambient light sensor	✓
Image stabilizer type	Optical Image Stabilization (OIS)	Gyroscope	✓
Night mode	✓	Gesture sensor	✓
Smile detection	✓	Power	
Panorama	✓	USB Type-C charging port *	✓
Portrait mode	✓	USB Power Delivery (USB PD)	✓
Slow motion mode	✓	USB Type-C required charging power (min) *	5 W
Image editing	Retouching	USB Type-C required charging power (max) *	30 W
Network		Endurance	
SIM card capability *	Hybrid Dual SIM	Energy efficiency class *	A
Mobile network generation *	5G	Energy efficiency scale	A to G
SIM card type *	NanoSIM + eSIM	Battery endurance per cycle *	3503 min
2G standards	GSM	Repeated free fall reliability class *	A
3G standards *	WCDMA	Repairability class *	B
4G standard *	LTE	International Protection (IP) code *	IP66, IP68, IP69
5G standard *	NR	Weight & dimensions	
Wi-Fi	✓	Width	77.4 mm
Top Wi-Fi standard *	Wi-Fi 5 (802.11ac)	Depth	7.38 mm
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac)	Height	164.6 mm
Bluetooth *	✓	Weight *	183 g
Bluetooth version	5.4	Packaging content	
Bluetooth Low Energy (BLE)	✓	AC adapter included *	✗
Frequency band	Quad-band	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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