



Motorola moto g86 power 5G 16.9 cm (6.67") Dual SIM Android 15 USB Type-C 8 GB 512 GB 6720 mAh Blue

Brand : Motorola

Product family: moto g86
power 5G

Product code: PB8X0012SE

Product name : moto g86
power 5G

6.67", 2712 x 1220px, pOLED, HDR10+, 8/512GB, MediaTek Dimensity 7300, 50/8MP + 32MP, 5G, Bluetooth 5.4, Wi-Fi 6, USB Type-C, 6720 mAh, Android 15
Motorola moto g86 power 5G . Display diagonal: 16.9 cm (6.67"), Display resolution: 2712 x 1220 pixels. Processor family: MediaTek Dimensity, Processor model: 7300. RAM capacity: 8 GB, Internal storage capacity: 512 GB. Rear camera resolution (numeric): 50 MP, Rear camera type: Dual camera. SIM card capability: Dual SIM. Operating system installed: Android 15. Battery capacity: 6720 mAh. Product colour: Blue. Weight: 198 g



Display		Network	
Display diagonal *	16.9 cm (6.67")	Wi-Fi	✓
Screen shape	Flat	Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
Screen to body ratio	90%	Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax)
Panel type	P-OLED		
Display glass type	Corning Glass	Bluetooth *	✓
Gorilla Glass version	Gorilla Glass 7i	Bluetooth version	5.4
Display resolution *	2712 x 1220 pixels	Near Field Communication (NFC)	✓
Display number of colours	1.07 billion colours	Ports & interfaces	
Colour depth	10 bit	USB port	✓
Native aspect ratio	20:9	USB connector type	USB Type-C
Maximum refresh rate	120 Hz	USB version	2.0
Maximum display brightness (HDR)	4500 cd/m ²	Headphone connectivity	USB Type-C
High Dynamic Range (HDR) supported	✓	Navigation	
High Dynamic Range (HDR) technology	High Dynamic Range 10+ (HDR10 Plus)	GPS (satellite)	✓
DCI-P3 coverage	100%	GLONASS	✓
Pixel density	446 ppi	BeiDou	✓
Blue light reduction	✓	Galileo	✓
Motion blur reduction	✓	Quasi-Zenith Satellite System (QZSS)	✓
Processor		Electronic compass	✓
Processor family *	MediaTek Dimensity	Position location *	✓
Processor model *	7300		
Processor architecture	ARM Cortex-A78+Cortex-A55		

Processor		Design	
Processor cores	8	Form factor *	Bar
Storage		Product colour *	Blue
RAM capacity *	8 GB	Colour name	Spellbound
Virtual RAM (max)	16 GB	Protection features	Heat resistant, Water resistant
Internal storage capacity *	512 GB	Waterproof up to	1.5 m
Compatible memory cards *	MicroSD (TransFlash)	Housing material	Artificial leather, Plastic, Polyurethane (PU)
Maximum memory card size	1 TB	Performance	
Camera		Video call	✓
Rear camera resolution (numeric) *	50 MP	Fast charging	✓
Second rear camera resolution (numeric)	8 MP	Fast charging technology	TurboPower 30
Rear camera aperture number	1.88	AI control	✓
Second rear camera aperture number	2.2	Fingerprint reader	✓
Rear camera pixel size	0.8 µm	Face recognition	✓
Rear camera pixel size (Quad Pixel technology)	1.6 µm	Speakerphone	✓
Second rear camera pixel size	1.12 µm	Voice commands	✓
Second rear camera field of view (FOV) angle	118°	Military standard	MIL-STD-810H
Front camera type *	Single camera	Vibrating alert	✓
Front camera resolution (numeric) *	32 MP	Multimedia	
Front camera aperture number	2.2	FM radio	✗
Front camera pixel size	0.7 µm	Number of microphones	2
Front camera pixel size (Quad Pixel technology)	1.4 µm	Speakers	stereo
Rear camera flash *	✓	Audio system	Dolby Atmos
Front camera flash	✗	Software	
Flash type	LED	Platform *	Android
Sensor type	Sony LYTIA 600	Operating system installed *	Android 15
Video capture resolution (max)	3840 x 2160 pixels	Virtual assistant	Google Assistant
Maximum frame rate	240 fps	Battery	
Resolution at capture speed	1280x720@240fps, 1920x1080@240fps, 1920x1080@30fps, 1920x1080@60fps, 3840x2160@30fps	Battery endurance in cycles *	1000
		Battery capacity *	6720 mAh
Sensors		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	✓	Flicker sensor	✓
Camera High Dynamic Range (HDR) mode	✓	Gesture sensor	✓
Time lapse mode	✓	Power	
Video stabilizer	✓	USB Type-C charging port *	✓
Image stabilizer	✓	USB Power Delivery (USB PD)	✓
Image stabilizer type	Optical Image Stabilization (OIS)	USB Type-C required charging power (min) *	5 W
Self-timer	✓	USB Type-C required charging power (max) *	33 W
Night mode	✓	Endurance	
Smile detection	✓	Energy efficiency class *	A
Panorama	✓	Energy efficiency scale	A to G
Portrait mode	✓	Battery endurance per cycle *	4059 min
Macro photography	✓	Repeated free fall reliability class *	B
Slow motion mode	✓	Repairability class *	B
Audio zoom	✓	Repairability index	3.6
AI scene recognition	✓	International Protection (IP) code *	IP68, IP69
Network		Weight & dimensions	
SIM card capability *	Dual SIM	Width	74.7 mm
		Depth	8.65 mm

Network		Weight & dimensions	
Mobile network generation *	5G	Height	161.2 mm
SIM card type *	NanoSIM + eSIM	Weight *	198 g
2G standards	GSM	Packaging content	
3G standards *	WCDMA	AC adapter included *	✗
4G standard *	LTE	Quick start guide	✓
5G standard *	NR, Sub6	Screen protector	✗
		Cables included	USB Type-A to USB Type-C
		Headset included	✗
		SIM card ejector pin	✓
		Protective case	✓
		Other features	
		Ringer type	MP3



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