



Motorola razr fold 20.6 cm (8.09") Dual SIM Android 16.0 5G USB Type-C 16 GB 512 GB 6000 mAh White

Brand : Motorola

Product family: razr

Product code: PBAX0005GB

Product name : razr fold

8.09" LTPO pOLED + 6.56" LTPO pOLED, 2484 x 2232px/2520 x 1080px, Snapdragon 8 Gen 5 Mobile, 16/512GB, 50 MP + 50 MP + 50 MP, 20MP + 32MP, 6000mAh, Bluetooth 6.0, Wi-Fi 7, NFC, 5G, USB Type-C, Android 16

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Make it iconic

Life's constantly changing. The all-new motorola razr fold changes with it. Move from activity to activity effortlessly—it adapts to whatever you're doing. Start on a super bright 6.6" screen, then unfold to reveal your massive 8.1" 2K display. Capture breathtaking photos and cinematic videos with a DXOMARK-awarded camera system.(1) Go nonstop with one of the largest batteries among foldables(2)—and a slim, lightweight design. Explore worry-free thanks to Corning® Gorilla® Glass Ceramic 3. And simply do more with the world's leading AI platforms like Google Gemini(27), Pexplexity, and moto ai(3). It even works with the moto pen ultra(4), so you can use that expansive canvas to stretch your imagination. A new icon is unfolding with motorola razr fold.



Display		Network	
Display diagonal *	20.6 cm (8.09")	SIM card capability *	Dual SIM
Panel type	P-OLED	Mobile network generation *	5G
Display glass type	Ultra Thin Glass (UTG)	SIM card type *	NanoSIM + eSIM
Display resolution *	2484 x 2232 pixels	2G standards	GSM, Edge
Display number of colours	1.07 billion colours	3G standards *	UMTS, HSPA+
Colour depth	10 bit	4G standard *	LTE
Native aspect ratio	8:7.2	5G standard *	NR
Maximum refresh rate	120 Hz	Wi-Fi	✓
Display brightness	500 cd/m²	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Maximum display brightness (HDR)	6200 cd/m²	Wi-Fi standards	Wi-Fi 7 (802.11be), Wi-Fi 6 (802.11ax), Wi-Fi 5 (802.11ac), Wi-Fi 6E (802.11ax), 802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n)
High Dynamic Range (HDR) supported	✓		
High Dynamic Range (HDR) technology	Dolby Vision, High Dynamic Range 10+ (HDR10 Plus)	Bluetooth *	✓
DCI-P3 coverage	100%	Bluetooth version	6.0
Brand specific technologies	Water touch, Always-on display	Bluetooth Low Energy (BLE)	✓
Motion blur reduction	✓	2G bands (primary SIM)	850,900,1800,1900 MHz
Second display	✓	Frequency band	Penta-band
Second display diagonal	16.7 cm (6.56")	Near Field Communication (NFC)	✓
Second display resolution	2520 x 1080 pixels	Subscription	
Second display brightness	500 cd/m²	Subscription type *	No subscription
Second display maximum brightness	6000 cd/m²	Ports & interfaces	
Second display type	P-OLED	USB port	✓
Second display aspect ratio	21:9	USB connector type	USB Type-C
Second display glass type	Corning Glass	USB version	3.2 Gen 1 (3.1 Gen 1)
Second display refresh rate	165 Hz	USB Type-C DisplayPort Alternate Mode	✓
Second display Gorilla Glass version	Gorilla Glass Ceramic 3		
Second display DCI-P3 coverage	100%		

Processor		Ports & interfaces	
Processor family *	Snapdragon	DisplayPort version	1.2
Processor model *	8 Gen 5	Navigation	
Processor cores	8	GPS (satellite)	✓
Performance cores	6	NavIC	✓
Efficient cores	2	GLONASS	✓
Processor frequency *	3.8 GHz	BeiDou	✓
Neural processor unit (NPU)	Qualcomm Hexagon	Galileo	✓
Storage		Quasi-Zenith Satellite System (QZSS)	✓
RAM capacity *	16 GB	Electronic compass	✓
Virtual RAM (max)	16 GB	Position location *	✓
RAM type	LPDDR5X	Design	
Internal storage capacity *	512 GB	Form factor *	Fold
Compatible memory cards *	Not supported	Product colour *	White
Camera		Colour name	PANTONE Lily White
Rear camera sensor size	1/1.28"	Protection features	Blue light protection, Dust resistant, Water resistant
Second rear camera sensor size	1/2.76"	Waterproof up to	1.5 m
Third rear camera sensor size	1/1.95"	Performance	
Rear camera resolution (numeric) *	50 MP	Video call	✓
Second rear camera resolution (numeric)	50 MP	Fast charging	✓
Third rear camera resolution (numeric)	50 MP	Wireless charging	✓
Rear camera aperture number	1.6	Reverse wireless charging	✓
Second rear camera aperture number	2	Wireless charging power	50 W
Third rear camera aperture number	2.4	Reverse wireless charging power	5 W
Rear camera pixel size	2.44 µm	Fast charging technology	TurboPower
Second rear camera pixel size	1.28 µm	Graphics card	Adreno 829
Third rear camera pixel size	1.6 µm	AI control	✓
Rear camera field of view (FOV) angle	84.7°	Fingerprint reader	✓
Second rear camera field of view (FOV) angle	122.1°	Face recognition	✓
Third rear camera field of view (FOV) angle	33.7°	Speakerphone	✓
Front camera type *	Dual camera	Voice commands	✓
Front camera resolution (numeric) *	20 MP	Vibrating alert	✓
Second front camera resolution (numeric)	32 MP	Multimedia	
Front camera aperture number	2.4	Number of microphones	3
Second front camera aperture number	2.4	Speakers	stereo
Front camera pixel size	1.22 µm	Audio system	Dolby Atmos
Second front camera pixel size	1.28 µm	Audio formats supported	AAC, MP3, APE, AMR, WAV, Mid, FLAC, OGG, WMA
Front camera field of view (FOV) angle	90°	Software	
Second front camera field of view (FOV) angle	88.5°	Platform *	Android
Rear camera flash *	✓	Operating system installed *	Android 16.0
Front camera flash	✗	Software support period	7 Years
Video capture resolution (max)	3840 x 2160 pixels	Virtual assistant	Google Gemini
Maximum frame rate	240 fps	Battery	
Resolution at capture speed	7680x4320@30fps,	Battery technology	Silicon-Carbon (Si-C)
	3840x2160@30fps,	Battery endurance in cycles *	1200
	3840x2160@60fps,	Battery capacity *	6000 mAh
	1920x1080@240fps,	Sensors	
	1920x1080@30fps,	Proximity sensor	✓
	1920x1080@60fps	Accelerometer	✓
Rear camera type *	Triple camera	Ambient light sensor	✓
Auto focus	✓	Gyroscope	✓
3D depth rear camera	✗	Barometer	✓
3D depth front camera	✗		

Camera		Sensors	
Face detection	✓	Hall 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
Night mode	✓	USB Type-C required charging power (max) *	80 W
Smile detection	✓	Endurance	
Portrait Lighting	✓	Energy efficiency class *	A
Panorama	✓	Energy efficiency scale	A to G
Portrait mode	✓	Battery endurance per cycle *	3557 min
Macro photography	✓	Repeated free fall reliability class *	C
Slow motion mode	✓	Repairability class *	B
Audio zoom	✓	International Protection (IP) code *	IP48, IP49
Image editing	Retouching	Weight & dimensions	
		Width	73.6 mm
		Depth	9.89 mm
		Height	160.1 mm
		Weight *	243 g
		Folded width	16 cm
		Folded depth	4.55 mm
		Folded height	14.4 cm
		Packaging content	
		AC adapter included *	✗
		Quick start guide	✓
		Screen protector	✓
		Cables included	USB Type-C
		Headset included	✗
		SIM card ejector pin	✓
		Protective case	✓
		Other features	
		Ringer type	MP3



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