



Motorola signature 17.2 cm (6.78") Dual SIM Android 16.0 5G USB Type-C 16 GB 512 GB 5200 mAh Dark Blue

Brand : Motorola

Product family: signature

Product code: PBAB0002SE

Product name : signature

6.78" Extreme AMOLED, 2780 x 1264px, Snapdragon 8 Gen 5, 16GB/512GB, 50MP + 50MP + 50MP, 50MP, 5G, 802.11 a/b/g/n/ac/ax/be, Bluetooth 6, USB Type-C, NFC, Android 16
Motorola signature . Display diagonal: 17.2 cm (6.78"), Display resolution: 2780 x 1264 pixels. Processor frequency: 3.8 GHz, Processor family: Snapdragon, Processor model: 8 Gen 5. RAM capacity: 16 GB, RAM type: LPDDR5X, Internal storage capacity: 512 GB. Rear camera resolution (numeric): 50 MP, Rear camera type: Triple camera. SIM card capability: Dual SIM. Operating system installed: Android 16.0. Battery capacity: 5200 mAh. Product colour: Dark Blue. Weight: 186 g



Display		Network	
Display diagonal *	17.2 cm (6.78")	2G standards	GSM
Screen shape	Flat	3G standards *	WCDMA
Screen to body ratio	95.23%	4G standard *	LTE
Display technology marketing name	Extreme AMOLED	5G standard *	NR, Sub6
Panel type	AMOLED	Wi-Fi	✓
Display glass type	Corning Glass	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Gorilla Glass version	Gorilla Glass Victus 2	Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax), Wi-Fi 7 (802.11be)
Display resolution *	2780 x 1264 pixels	Bluetooth *	✓
Display number of colours	1.07 billion colours	Bluetooth version	6.0
Colour depth	10 bit	Bluetooth Low Energy (BLE)	✓
Native aspect ratio	20:9	Frequency band	Penta-band
Maximum refresh rate	165 Hz	Near Field Communication (NFC)	✓
Touch response rate	360 Hz	Subscription	
Maximum display brightness (Outdoor)	6200 cd/m²	Subscription type *	No subscription
High Dynamic Range (HDR) supported	✓	Ports & interfaces	
High Dynamic Range (HDR) technology	Dolby Vision, High Dynamic Range 10+ (HDR10 Plus)	USB port	✓
DCI-P3 coverage	100%	USB connector type	USB Type-C
Pixel density	450 ppi	USB version	3.2 Gen 2 (3.1 Gen 2)
Brand specific technologies	Always-on display, Water touch	Navigation	
Rounded display corners	✓	Assisted GPS (A-GPS)	✓
Blue light reduction	✓	GPS (satellite)	✓
Motion blur reduction	✓	GLONASS	✓
Processor		Galileo	✓
Processor family *	Snapdragon	Electronic compass	✓
Processor model *	8 Gen 5		
Processor cores	8		

Processor		Navigation	
Performance cores	6	Position location *	✓
Efficient cores	2	LTE Positioning Protocol (LPP)	✓
Processor frequency *	3.8 GHz	Secure User Plane Location (SUPL)	✓
Neural processor unit (NPU)	Qualcomm Hexagon	Design	
Storage		Form factor *	Bar
RAM capacity *	16 GB	Product colour *	Dark Blue
RAM type	LPDDR5X	Colour name	PANTONE Carbon
Internal storage capacity *	512 GB	Protection features	Waterproof
Compatible memory cards *	Not supported	Housing material	Aluminium
Camera		Performance	
Rear camera sensor size	1/1.28"	Video call	✓
Rear camera resolution (numeric) *	50 MP	Fast charging	✓
Second rear camera resolution (numeric)	50 MP	Wireless charging	✓
Third rear camera resolution (numeric)	50 MP	Reverse wireless charging	✓
Rear camera aperture number	1.6	Wireless charging power	50 W
Second rear camera aperture number	2	Reverse wireless charging power	10 W
Third rear camera aperture number	2.4	Fast charging technology	TurboPower 90
Rear camera pixel size (Quad Pixel technology)	2.44 µm	AI control	✓
Third rear camera pixel size (Quad Pixel technology)	1.6 µm	Fingerprint reader	✓
Second rear camera pixel size (Quad Pixel technology)	1.28 µm	Face recognition	✓
Rear camera field of view (FOV) angle	84°	Speakerphone	✓
Second rear camera field of view (FOV) angle	122°	Voice commands	✓
Third rear camera field of view (FOV) angle	33°	Military standard	MIL-STD-810H
Second rear camera focal length	1.2 cm	Vibrating alert	✓
Third rear camera focal length	7.1 cm	Multimedia	
Optical zoom	3x	FM radio	✗
Digital zoom	100x	Number of microphones	3
100% Focus pixels	✓	Speakers	stereo
Front camera type *	Single camera	Audio system	Dolby Atmos
Front camera resolution (numeric) *	50 MP	Software	
Front camera aperture number	2	Platform *	Android
Front camera pixel size (Quad Pixel technology)	1.2 µm	Operating system installed *	Android 16.0
Rear camera flash *	✓	Software update term	7 years
Front camera flash	✗	Virtual assistant	Google Gemini
Flash type	LED	Battery	
Sensor type	Sony LYTIA 600	Battery technology	Silicon-Carbon (Si-C)
Video capture resolution (max)	7680 x 4320 pixels	Battery capacity *	5200 mAh
Maximum frame rate	240 fps	Continuous audio playback time	57 h
Resolution at capture speed	1920x1080@120fps,	Continuous video playback time	28 h
	1920x1080@240fps,	Gaming time	18 h
	1920x1080@30fps,	Sensors	
	1920x1080@60fps,	Proximity sensor	✓
	3840x2160@120fps,	Accelerometer	✓
Rear camera type *	3840x2160@30fps,	Ambient light sensor	✓
	3840x2160@60fps,	Gyroscope	✓
	3840x2160@30fps,	Gesture sensor	✓
	7680x4320@30fps	Power	
		USB Type-C charging port *	✓
Auto focus	✓	USB Power Delivery (USB PD)	✓
3D depth rear camera	✗	USB Type-C required charging power (min) *	5 W
3D depth front camera	✗	USB Type-C required charging power (max) *	90 W
Face detection	✓		
Camera High Dynamic Range (HDR) mode	✓		

Camera		Endurance	
Time lapse mode	✓	Energy efficiency class *	A
Image stabilizer	✓	Energy efficiency scale	A to G
Image stabilizer type	Optical Image Stabilization (OIS)	Battery endurance per cycle *	3120 min
Night mode	✓	Battery endurance in cycles *	1200
Smile detection	✓	Repeated free fall reliability class *	B
Panorama	✓	Repairability class *	B
Portrait mode	✓	International Protection (IP) code *	IP68, IP69
Macro photography	✓	Weight & dimensions	
Macro video recording	✓	Width	76.4 mm
Slow motion mode	✓	Depth	6.99 mm
Audio zoom	✓	Height	162.1 mm
Image editing	Retouching	Weight *	186 g
Network		Packaging content	
SIM card capability *	Dual SIM	AC adapter included *	✗
Mobile network generation *	5G	Quick start guide	✓
SIM card type *	NanoSIM + eSIM	Screen protector	✗
		Cables included	USB Type-C to USB Type-C
		Headset included	✗
		SIM card ejector pin	✓
		Protective case	✓
		Other features	
		Ringer type	MP3



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