



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

Processor		Navigation	
Processor cores	8	Position location *	✓
Performance cores	6	LTE Positioning Protocol (LPP)	✓
Efficient cores	2	Secure User Plane Location (SUPL)	✓
Processor boost frequency	3.8 GHz	Design	
Neural processor unit (NPU)	Qualcomm Hexagon	Form factor *	Bar
Storage		Product colour *	Dark Blue
RAM capacity *	16 GB	Colour name	PANTONE Carbon
RAM type	LPDDR5X	Protection features	Waterproof
Internal storage capacity *	512 GB	Housing material	Aluminium
Compatible memory cards *	Not supported	Performance	
Camera		Video call	✓
Rear camera sensor size	1/1.28"	Fast charging	✓
Rear camera resolution (numeric) *	50 MP	Wireless charging	✓
Second rear camera resolution (numeric)	50 MP	Reverse wireless charging	✓
Third rear camera resolution (numeric)	50 MP	Wireless charging power	50 W
Rear camera aperture number	1.6	Reverse wireless charging power	10 W
Second rear camera aperture number	2	Reverse wired charging	✓
Third rear camera aperture number	2.4	Reverse wired charging power	5 W
Rear camera pixel size (Quad Pixel technology)	2.44 µm	Fast charging technology	TurboPower 90, TurboPower 50
Third rear camera pixel size (Quad Pixel technology)	1.6 µm	AI control	✓
Second rear camera pixel size (Quad Pixel technology)	1.28 µm	Fingerprint reader	✓
Rear camera field of view (FOV) angle	84°	Face recognition	✓
Second rear camera field of view (FOV) angle	122°	Speakerphone	✓
Third rear camera field of view (FOV) angle	33°	Voice commands	✓
Second rear camera focal length	1.2 cm	Military standard	MIL-STD-810H
Third rear camera focal length	7.1 cm	Vibrating alert	✓
Optical zoom	3x	Multimedia	
Digital zoom	100x	FM radio	✗
100% Focus pixels	✓	Number of microphones	3
Front camera type *	Single camera	Speakers	stereo
Front camera resolution (numeric) *	50 MP	Audio system	Dolby Atmos
Front camera aperture number	2	Software	
Front camera pixel size (Quad Pixel technology)	1.2 µm	Platform *	Android
Rear camera flash *	✓	Operating system installed *	Android 16.0
Front camera flash	✗	Software update term	7 years
Flash type	LED	Virtual assistant	Google Gemini
Sensor type	Sony LYTIA 600	Battery	
Video capture resolution (max)	7680 x 4320 pixels	Battery technology	Silicon-Carbon (Si-C)
Maximum frame rate	240 fps	Battery endurance in cycles *	1200
Resolution at capture speed	1920x1080@120fps,	Battery capacity *	5200 mAh
	1920x1080@240fps,	Continuous audio playback time	57 h
	1920x1080@30fps,	Continuous video playback time (max)	28 h
	1920x1080@60fps,	Gaming time	18 h
	3840x2160@120fps,	Sensors	
	3840x2160@30fps,	Proximity sensor	✓
	3840x2160@60fps,	Accelerometer	✓
	7680x4320@30fps	Ambient light sensor	✓
Rear camera type *	Triple camera	Gyroscope	✓
Auto focus	✓	Gesture sensor	✓
3D depth rear camera	✗	Power	
3D depth front camera	✗	USB Type-C charging port *	✓
Face detection	✓	USB Power Delivery (USB PD)	✓

Camera		Power	
Camera High Dynamic Range (HDR) mode	✓	USB Type-C required charging power (min) *	5 W
Time lapse mode	✓	USB Type-C required charging power (max) *	90 W
Image stabilizer	✓	Endurance	
Image stabilizer type	Optical Image Stabilization (OIS)	Energy efficiency class *	A
Night mode	✓	Energy efficiency scale	A to G
Smile detection	✓	Battery endurance per cycle *	3120 min
Panorama	✓	Repeated free fall reliability class *	B
Portrait mode	✓	Repairability class *	B
Macro photography	✓	International Protection (IP) code *	IP68, IP69
Macro video recording	✓	Weight & dimensions	
Slow motion mode	✓	Width	76.4 mm
Audio zoom	✓	Depth	6.99 mm
Image editing	Retouching	Height	162.1 mm
Network		Weight *	186 g
SIM card capability *	Dual SIM	Packaging content	
Mobile network generation *	5G	AC adapter included *	✗
SIM card type *	NanoSIM + eSIM	Quick start guide	✓
2G standards	GSM	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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