



Motorola edge 50 Neo 16.1 cm (6.36") Dual SIM Android 14 5G USB Type-C 12 GB 512 GB 4310 mAh Cream

Brand : Motorola

Product family: edge

Product code: PB310011PL

Product name : 50 Neo

6.36" pOLED, Super HD (2670 x 1220px), 20:9, MediaTek Dimensity 7300, 12/512GB, 50MP + 13MP + 10MP/32MP, Bluetooth 5.3, 802.11 a/b/g/n/ac/ax, 5G, USB Type-C, NFC, Android 14

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Hello smartphone

Intelligence meets art

Introducing the motorola edge 50 neo, effortless creativity in a more compact size. With a minimalist design and premium materials, it's the essence of sophistication. Helping you tell beautiful stories through next-level photos and videos powered by moto ai. Viewing, editing and sharing them in cinematic quality on a 6.36" Super HD (1220p) pOLED display. Letting you fuel up fast and keep creating thanks to 68 W TurboPower™ charging. And giving you breathtaking performance today, while delivering five OS upgrades as well as security updates until 2029. This is the motorola edge 50 neo. More than a phone. It's a work of art.



Display		Network	
Display diagonal *	16.1 cm (6.36")	5G standard *	Sub6
Screen shape	Flat	Wi-Fi	✓
Screen to body ratio	95.3%	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 6E (802.11ax)
Panel type	P-OLED		
LED backlight	✓	Bluetooth *	✓
Display glass type	Corning Glass	Bluetooth version	5.3
Gorilla Glass version	Gorilla Glass 3	Near Field Communication (NFC)	✓
Display resolution *	2670 x 1220 pixels	Subscription	
Display number of colours	1.07 billion colours	Subscription type *	No subscription
Native aspect ratio	20:9	Ports & interfaces	
Maximum refresh rate	120 Hz	USB port	✓
Touch response rate	300 Hz	USB connector type	USB Type-C
Maximum display brightness (HDR)	3000 cd/m²	USB version	2.0
High Dynamic Range (HDR) supported	✓	Headphone connectivity	USB Type-C
High Dynamic Range (HDR) technology	High Dynamic Range 10+ (HDR10 Plus)	Navigation	
DCI-P3 coverage	100%	Assisted GPS (A-GPS)	✓
Pixel density	460 ppi	GPS (satellite)	✓
Blue light reduction	✓	GLONASS	✓
Motion blur reduction	✓	Galileo	✓
Processor		Electronic compass	✓
Processor family *	MediaTek	Position location *	✓
Processor model *	7300	LTE Positioning Protocol (LPP)	✓
Processor architecture	ARM Cortex-A78+Cortex-A55	Secure User Plane Location (SUPL)	✓
Processor cores	8	Design	
Storage		Form factor *	Bar
RAM capacity *	12 GB		

Storage		Design	
RAM type	LPDDR4X	Product colour *	Cream
Internal storage capacity *	512 GB	Colour name	PANTONE Latte
Compatible memory cards *	Not supported	Protection features	Water resistant
Camera		Housing material	Artificial leather, Glass, Plastic, Polyurethane (PU)
Rear camera resolution (numeric) *	50 MP	Performance	
Second rear camera resolution (numeric)	13 MP	Fast charging	✓
Third rear camera resolution (numeric)	10 MP	Wireless charging	✓
Rear camera aperture number	1.8	Fast charging technology	TurboPower
Second rear camera aperture number	2.2	Fingerprint reader	✓
Third rear camera aperture number	2	Face recognition	✓
Rear camera pixel size	1 µm	Military standard	MIL-STD-810H
Second rear camera pixel size	1.12 µm	Multimedia	
Third rear camera pixel size	1 µm	FM radio	✗
Second rear camera field of view (FOV) angle	120°	Number of microphones	2
Optical zoom	3x	Speakers	stereo
Front camera type *	Single camera	Audio system	Dolby Atmos
Front camera resolution (numeric) *	32 MP	Software	
Front camera aperture number	2.4	Platform *	Android
Front camera pixel size	0.7 µm	Operating system installed *	Android 14
Rear camera flash *	✓	Virtual assistant	Google Assistant
Flash type	LED	Battery	
Sensor type	Sony LYTIA 700C	Battery capacity *	4310 mAh
Video capture resolution (max)	3840 x 2160 pixels	Sensors	
Maximum frame rate	240 fps	Proximity sensor	✓
Resolution at capture speed	1920x1080@120fps,	Accelerometer	✓
	1920x1080@240fps,	Ambient light sensor	✓
	1920x1080@30fps,	Gyroscope	✓
	1920x1080@60fps, 3840x2160@30fps	Power	
Rear camera type *	Triple camera	USB Type-C charging port *	✓
Face detection	✓	USB Power Delivery (USB PD)	✓
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) *	68 W
Video stabilizer	✓	Endurance	
Image stabilizer	✓	Energy efficiency class *	A
Image stabilizer type	Optical Image Stabilization (OIS)	Energy efficiency scale	A to G
Self-timer	✓	Battery endurance per cycle *	3044 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
Slow motion mode	✓	Weight & dimensions	
Audio zoom	✓	Width	71.2 mm
Network		Depth	8.1 mm
SIM card capability *	Dual SIM	Height	154.1 mm
Mobile network generation *	5G	Weight *	171 g
SIM card type *	NanoSIM + eSIM	Packaging content	
2G standards	GSM	AC adapter included *	✗
3G standards *	WCDMA	Screen protector	✗
4G standard *	LTE	Cables included	USB Type-C
		Headset included	✗
		SIM card ejector pin	✓

Packaging content	
Protective case	✓
Other features	
Repairability index	3.9



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