



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



Brand : Motorola

Product family: edge

Product code: PB310004SE

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

Processor		Design	
Processor architecture	ARM Cortex-A78+Cortex-A55	Product colour *	Red
Processor cores	8	Colour name	PANTONE Poinciana
Processor frequency *	2.5 GHz	Protection features	Water resistant
Storage		Housing material	Artificial leather, Glass, Plastic, Polyurethane (PU)
RAM capacity *	12 GB	Performance	
RAM type	LPDDR4X	Video call	✓
Internal storage capacity *	512 GB	Fast charging	✓
Compatible memory cards *	Not supported	Wireless charging	✓
Camera		Wireless charging power	15 W
Rear camera resolution (numeric) *	50 MP	Fast charging technology	TurboPower
Second rear camera resolution (numeric)	13 MP	AI control	✓
Third rear camera resolution (numeric)	10 MP	Fingerprint reader	✓
Rear camera aperture number	1.8	Face recognition	✓
Second rear camera aperture number	2.2	Speakerphone	✓
Third rear camera aperture number	2	Voice commands	✓
Rear camera pixel size	1 µm	Military standard	MIL-STD-810H
Second rear camera pixel size	1.12 µm	Vibrating alert	✓
Third rear camera pixel size	1 µm	Multimedia	
Second rear camera field of view (FOV) angle	120°	FM radio	✗
Optical zoom	3x	Number of microphones	2
Front camera type *	Single camera	Speakers	stereo
Front camera resolution (numeric) *	32 MP	Audio system	Dolby Atmos
Front camera aperture number	2.4	Software	
Front camera pixel size	0.7 µm	Platform *	Android
Rear camera flash *	✓	Operating system installed *	Android 14
Front 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, 1920x1080@60fps, 3840x2160@30fps	Gyroscope	✓
Rear camera type *	Triple camera	Power	
Auto focus	✓	USB Type-C charging port *	✓
3D depth rear camera	✗	USB Power Delivery (USB PD)	✓
3D depth front camera	✗	USB Type-C required charging power (min) *	5 W
Face detection	✓	USB Type-C required charging power (max) *	68 W
Camera High Dynamic Range (HDR) mode	✓	Endurance	
Time lapse mode	✓	Energy efficiency class *	A
Video stabilizer	✓	Energy efficiency scale	A to G
Image stabilizer	✓	Battery endurance per cycle *	3044 min
Image stabilizer type	Optical Image Stabilization (OIS)	Battery endurance in cycles *	1200
Self-timer	✓	Repeated free fall reliability class *	B
Night mode	✓	Repairability class *	B
Smile detection	✓	International Protection (IP) code *	IP68
Panorama	✓	Weight & dimensions	
Portrait mode	✓	Width	71.2 mm
Slow motion mode	✓	Depth	8.1 mm
Audio zoom	✓	Height	154.1 mm
Network		Weight *	171 g
SIM card capability *	Dual SIM	Package width	84.5 mm

Network		Weight & dimensions	
Mobile network generation *	5G	Package depth	33.8 mm
SIM card type *	NanoSIM + eSIM	Package height	167.8 mm
2G standards	GSM	Package weight	320 g
3G standards *	WCDMA	Packaging content	
4G standard *	LTE	AC adapter included *	✗
5G standard *	Sub6	Screen protector	✗
Wi-Fi	✓	Cables included	USB Type-C
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)	Headset included	✗
Bluetooth *	✓	SIM card ejector pin	✓
		Protective case	✓
		Other features	
		Ringer type	MP3
		Repairability index	3.9
		Warranty period	2 year(s)



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