Motorola Edge 50 Neo 16.1 cm (6.36") Dual SIM Android 14 5G USB Type-C 8 GB 256 GB 4310 mAh Grey

Brand : Motorola **Product family:** Edge **Product code:** PB310000GB

Product name : Edge 50 Neo

6.36" pOLED, Super HD (2670 x 1220px), 20:9, MediaTek Dimensity 7300, 8/256GB, 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 68W TurboPower™ charging. And giving you breathtaking performance today, while delivering five OS upgrades as well as security updates through 2029. This is the motorola edge 50 neo. More than a phone. It's a work of art.

Display

Display diagonal *	16.1 cm (6.36")
Screen shape	Flat
Screen to body ratio	95.3%
Panel type	P-OLED
LED backlight	✓
Display glass type	Corning Glass
Gorilla Glass version	Gorilla Glass 3
Display resolution *	2670 x 1220 pixels
Display number of colours	1.07 billion colours
Native aspect ratio	20:9
Maximum refresh rate	120 Hz
Touch response rate	300 Hz
Maximum display brightness (HDR)	3000 cd/m²
High Dynamic Range (HDR) supported	✓
High Dynamic Range (HDR) technology	High Dynamic Range 10+ (HDR10 Plus)
DCI-P3 coverage	100%
Pixel density	460 ppi
Blue light reduction	✓
Motion blur reduction	✓

Processor

Processor family *	MediaTek Dimensity
Processor model *	7300
Processor architecture	ARM Cortex-A78+Cortex-A55
Processor cores	8

Storage

RAM capacity *	8 GB
RAM type	LPDDR4X
Internal storage capacity *	256 GB
Compatible memory cards *	Not supported

Camera

Slow motion mode	✓
Audio zoom	✓

Network

SIM card capability *	Dual SIM
Mobile network generation *	5G
SIM card type *	NanoSIM + eSIM
2G standards	GSM
3G standards *	WCDMA
4G standard *	LTE
5G standard *	Sub6
Wi-Fi *	✓
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)
Bluetooth *	✓
Bluetooth version	5.3
Near Field Communication (NFC)	✓

Subscription

Subscription type *	No subscription

Ports & interfaces

USB port *	✓
USB connector type	USB Type-C
USB version	2.0
Headphone connectivity	USB Type-C

Design

Form factor *	Bar
Product colour *	Grey
Colour name	PANTONE Grisaille
International Protection (IP) code	IP68
Protection features	Water resistant
Housing material	Artificial leather, Glass, Plastic, Polyurethane (PU)

Camera

Rear camera resolution (numeric) *	50 MP
Second rear camera resolution (numeric)	13 MP
Third rear camera resolution (numeric)	10 MP
Rear camera aperture number	1.8
Second rear camera aperture number	2.2
Third rear camera aperture number	2
Rear camera pixel size	1 µm
Second rear camera pixel size	1.12 µm
Third rear camera pixel size	1 µm
Second rear camera field of view (FOV) angle	120°
Optical zoom	3x
Front camera type *	Single camera
Front camera resolution (numeric) *	32 MP
Front camera aperture number	2.4
Front camera pixel size	0.7 µm
Rear camera flash *	✔
Flash type	LED
Sensor type	Sony LYTIA 700C
Video capture resolution (max)	3840 x 2160 pixels
Maximum frame rate	240 fps
Resolution at capture speed	1920x1080@120fps, 1920x1080@240fps, 1920x1080@30fps, 1920x1080@60fps, 3840x2160@30fps
Rear camera type *	Triple camera
Face detection	✔
Camera High Dynamic Range (HDR) mode	✔
Time lapse mode	✔
Video stabilizer	✔
Image stabilizer	✔
Image stabilizer type	Optical Image Stabilization (OIS)
Self-timer	✔
Night mode	✔
Smile detection	✔
Panorama	✔
Portrait mode	✔

Performance

Fast charging	✔
Wireless charging	✔
Fast charging technology	TurboPower
Fingerprint reader	✔
Face recognition	✔
Military standard	MIL-STD-810H

Navigation

Assisted GPS (A-GPS)	✔
GPS (satellite)	✔
GLONASS	✔
Galileo	✔
Electronic compass	✔
Position location *	✔
LTE Positioning Protocol (LPP)	✔
Secure User Plane Location (SUPL)	✔

Multimedia

FM radio	✘
Number of microphones	2
Speakers	stereo
Audio system	Dolby Atmos

Software

Platform *	Android
Operating system installed *	Android 14
Virtual assistant	Google Assistant

Battery

Battery capacity *	4310 mAh

Sensors

Proximity sensor	✔
Accelerometer	✔
Ambient light sensor	✔
Gyroscope	✔

Weight & dimensions

Width	71.2 mm
Depth	8.1 mm
Height	154.1 mm
Weight *	171 g

Packaging content

AC adapter included	✘
Screen protector	✘
Cables included	USB Type-C
Headset included	✘
SIM card ejector pin	✔
Protective case	✔

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