Motorola edge 50 16.9 cm (6.67") Dual SIM Android 14 5G USB Type-C 12 GB 512 GB 5000 mAh Peach

Brand : Motorola **Product family:** edge **Product code:** PB2U0002SE

Product name : 50

6.67" pOLED Endless Edge, 20:9, Super HD+ (2712 x 1220px), Snapdragon 7 Gen 1 Accelerated Edition, 12/512GB, 50MP + 13MP + 10MP/32MP, Bluetooth 5.2, 802.11 a/b/g/n/ac/ax, 5G, USB Type-C, NFC, Android 14

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Hello smartphone

Effortless creativity. Sophisticated design.
Introducing motorola edge 50, engineered for effortless creative expression. It's a phone full of life—and a phone full of art. From premium finishes and comfortably curved edges to intuitive experiences, everything just feels right. Made to move the way you move. Helping you capture life in motion with next-level photos and videos, powered by moto ai. Letting you fuel up fast and keep creating thanks to 68W TurboPower™ charging. Giving you exclusive Moto experiences so it's more intuitive, personal, safe, and fun. Every detail is considered, right down to the 6.67" Super HD (1220p) pOLED display that meets cinematic standards for color. This is motorola edge 50. More than a phone. It's a work of art.

Display	
Display diagonal *	16.9 cm (6.67")
Screen shape	Curved edge screen
Screen to body ratio	93.35%
Panel type	P-OLED
LED backlight	✔
Display glass type	Corning Glass
Gorilla Glass version	Gorilla Glass 5
Display resolution *	2712 x 1220 pixels
Display number of colours	1.07 billion colours
Colour depth	10 bit
Native aspect ratio	20:9
Maximum refresh rate	120 Hz
Touch response rate	360 Hz
Maximum display brightness (HDR)	1600 cd/m²
High Dynamic Range (HDR) supported	✔
High Dynamic Range (HDR) technology	High Dynamic Range 10+ (HDR10 Plus)
DCI-P3 coverage	100%
Pixel density	446 ppi
Rounded display corners	✔
Blue light reduction	✔
Motion blur reduction	✔

Processor	
Processor family *	Snapdragon
Processor model *	7 Gen 1 Accelerated Edition
Processor architecture	ARM Cortex-A710+Cortex-A510
Processor cores	8

Network	
4G standard *	LTE
5G standard *	Sub6
Wi-Fi	✔
Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
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	5.2
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

Navigation	
Assisted GPS (A-GPS)	✔
GPS (satellite)	✔
GLONASS	✔
BeiDou	✔
Galileo	✔
Electronic compass	✔
Position location *	✔
LTE Positioning Protocol (LPP)	✔

Storage	
RAM capacity *	12 GB
RAM type	LPDDR4X
Internal storage capacity *	512 GB
Compatible memory cards *	Not supported

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°
Front camera type *	Single camera
Front camera resolution (numeric) *	32 MP
Front camera aperture number	2.4
Front camera pixel size	0.7 µm
Front camera pixel size (Quad Pixel technology)	1.4 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	1280x720@240fps, 1920x1080@120fps, 1920x1080@30fps, 1920x1080@60fps, 3840x2160@30fps
Rear camera type *	Triple camera
Auto focus	✔
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	✔
Macro photography	✔
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

Navigation	
Secure User Plane Location (SUPL)	✔

Design	
Form factor *	Bar
Product colour *	Peach
Colour name	Peach Fuzz
Protection features	Water resistant
Housing material	Aluminium, Artificial leather, Glass, Plastic, Polyurethane (PU)

Performance	
Fast charging	✔
Wireless charging	✔
Fast charging technology	TurboPower
Graphics card	Adreno 644
Fingerprint reader	✔
Military standard	MIL-STD-810H

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 *	5000 mAh

Sensors	
Proximity sensor	✔
Accelerometer	✔
Ambient light sensor	✔
Gyroscope	✔

Power	
USB Type-C charging port *	✔
USB Power Delivery (USB PD)	✔
USB Type-C required charging power (min) *	5 W
USB Type-C required charging power (max) *	68 W

Endurance	
Energy efficiency class *	B
Energy efficiency scale	A to G
Battery endurance per cycle *	2748 min
Battery endurance in cycles *	1200
Repeated free fall reliability class *	A
Repairability class *	B
International Protection (IP) code *	IP68

Weight & dimensions	
Width	72.4 mm
Depth	7.79 mm
Height	160.8 mm
Weight *	180 g

Packaging content	
AC adapter included *	✘
Screen protector	✘

Packaging content	
Cables included	USB Type-C
Headset included	✗
SIM card ejector pin	✔
Protective case	✔
Other features	
Repairability index	3.8

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