Motorola Edge 50 Pro - black beauty - 5G smartphone - 512 GB - GSM(PB1J0006GB)

Motorola Edge 50 Pro - 5G smartphone - dual-SIM - RAM 12 GB / Internal Memory 512 GB - pOLED display - 6.7" - 2712 x 1220 pixels (144 Hz) - 3x rear cameras 50 MP, 13 MP, 10 MP - front camera 50 MP - black beauty

Discover the Motorola Edge 50 Pro, a smartphone designed to elevate your digital experience. With its 4500 mAh battery and TurboPower charging, you can rely on long-lasting performance and rapid recharging. The device's photography capabilities, featuring a 50 megapixel rear camera equipped with Quad Pixel technology and 30x zoom, allow you to capture every detail in stunning clarity. The 6.7-inch pOLED display offers breathtaking visuals with a 2712 x 1220 resolution, HDR10+ support, and a 144 Hz refresh rate for an immersive viewing experience. Under the hood, the Snapdragon 7 Gen 3 processor and 12 GB of RAM ensure smooth, efficient operation, while 5G NR, Wi-Fi 6E, and Bluetooth 5.4 connectivity keep you connected to the world around you. Embrace the future with the Motorola Edge 50 Pro.

Key Selling Points

Styled to inspire: a masterpiece in your pocket
Master every shot: no more blur, only beauty
Unmatched power to keep you going
Borderless beauty, boundless entertainment
Elevate your performance, activate your potential

Product Features

Sync your style
Easily generate wallpapers and device themes that match your unique style. Just snap a photo of your outfit - or any interesting pattern - and motorola edge 50 pro uses generative AI to produce four one-of-a-kind images. Choose your favorite image and apply it directly to your wallpaper, so your phone and outfit are always in sync.

Pantone Validated color
The motorola edge 50 pro is the world's first smartphone with a Pantone Validated camera and display. Confidently capture and view the world as you see it with Pantone Validated color and skin tones. Every Pantone Validated device has met Pantone's evaluation and grading criteria by authentically simulating the full range of real-world Pantone Colors. Pantone SkinTone Validated assures that what you capture with the camera, or see on the display, truly represents the vast authentic spectrum of human skin tones.

Handheld cinema
See your films and media with over a billion shades of color on a borderless 6.7" pOLED display.

Super HD
Blacks are deeper, colors are brighter, and contrast is infinite thanks to Super HD (1220p) resolution.

Silky smooth
Gaming, scrolling, and app switching are smooth and fluid with an unbelievably fast 144 Hz refresh rate.

Feel the sound
Listen to music as it's meant to be heard, enhanced by Dolby Atmos audio on large, loud stereo speakers. With supported Bluetooth devices, Snapdragon Sound delivers incredibly immersive detail.

Power for the day in 4 minutes
A fast charging means more juice for the things you want to do.

Go warp speed
Get a full charge in as little as 18 minutes with 125 W TurboPower charging.

Stay in your zone
Do what you love longer with a powerful 4500 mAh battery that provides up to 40 hours of power.

Edge lights
Set your edge lights to alert you to incoming calls, notifications, and alarms.

Safeguard your sight
Reduce eye strain with flicker protections and keep your eyes protected from low blue-light emissions.

Co paperless with Adobe Scan
Turn paper documents into digital files using the built-in Adobe Scan, and save your files in a shareable PDF or JPEG format.

Main Specifications

Product Description	Motorola Edge 50 Pro - black beauty - 5G smartphone - 512 GB - GSM
Product Type	5G smartphone
Display	pOLED display - 2712 x 1220 pixels - 6.7" - 446 ppi - (144 Hz) - 20:9 - LTPS - HDR
Processor	Qualcomm Snapdragon 7 Gen 3 2.63 GHz
Graphics Accelerator	Qualcomm ADRENO
Memory	RAM 12 GB / 512 GB
Operating System	Android 14 with My UX
Main Camera	50 Megapixel - f/1.4 - focus: automatic laser auto focus: - laser focus
Second Camera	13 Megapixel - ultra wide-angle lens - f/2.2
Third Camera	10 Megapixel - telephoto lens - 3x optical zoom - f/2.0
Front Camera	50 Megapixel f/1.9
Service Provider	Not specified
SIM Card	Dual-SIM - nano SIM, Electronic SIM card (e-SIM)
Wireless Interface	Bluetooth, NFC, Wi-Fi 6E, Wi-Fi 6
Security Devices	Fingerprint reader (under display), face recognition
Connectors	USB-C
Protection	Anti-fingerprint coating, water-resistant, dust-resistant
Colour	Black beauty
Dimensions (WxDxH)	72.4 mm x 8.19 mm x 161.23 mm
Weight	186 g
Specific Absorption Rate (SAR)	0.98 W/kg (head) ¦ 1.34 W/kg (body) ¦ 2.86 W/kg (limb)

Extended Specification

General

Product Type	Smartphone
Form Factor	Touch
Protection	Anti-fingerprint coating, water-resistant, dust-resistant
Width	72.4 mm
Depth	8.19 mm
Height	161.23 mm
Weight	186 g
Body Colour	Black beauty
Body Material	Vegan leather, sandblasted aluminium frame

Memory

RAM	LPDDR4X SDRAM - 12 GB
Internal Memory Capacity	512 GB
Memory Interface	UFS 2.2C

Processor

Type	Qualcomm Snapdragon 7 Gen 3
Clock Speed	2.63 GHz

Miscellaneous

Compliant Standards	Amazon HDR Certification, Netflix HD Certification, SGS Low Blue Light Certification, SGS Low Motion Blur Certification, Pantone Validated, Pantone Skintone Validated, IP68, DisplayPort 1.4, USB 3.1
Included Accessories	SIM card removal tool, 125W TurboPower charger, USB-C to USB-C cable, protective case

Environmental Parameters

Max Depth of Water Resistance	1.5 m

Display

Type	pOLED display
Technology	LTPS
Diagonal Size	6.7"
Display Resolution	2712 x 1220 pixels
Pixel Density	446 ppi
Aspect Ratio	20:9
Max Brightness	2000 cd/m²
Colour Depth	1.07 billion colours
HDR	Yes
HDR Technology	HDR10+
Refresh Rate	144 Hz
Touch Sampling Rate	360 Hz
Features	100% DCI-P3, DC Dimming, 3D Glass

Battery

Capacity	4500 mAh
Fast Charging Technology	TurboPower technology
Run Time Details	Mixed usage: up to 40 hrs

Communications

Data Transmission	LTE, 5G NR FR1
3G UMTS Band	Band 1, Band 2, Band 4, Band 5, Band 8
3G UMTS Frequency	2100, 1900, 1700, 850, 900
4G LTE Band	Band 1, Band 2, Band 3, Band 4, Band 5, Band 7, Band 8, Band 12, Band 13, Band 17, Band 18, Band 19, Band 20, Band 26, Band 28, Band 32, Band 38, Band 39, Band 40, Band 41, Band 42, Band 43, Band 48, Band 66
4G LTE Frequency	FDD 2100, FDD 1900 PCS, FDD 1800+, FDD 1700 - 2110 AWS, FDD 850, FDD 2600, FDD 900, FDD 700a, FDD 700c, FDD 700b, FDD 800 lower, FDD 800 upper, FDD 800 DD, FDD 850+, FDD 700 APT, FDD 1500 L, TDD 2600, TDD 1900, TDD 2300, TDD 2500, TDD 3500, TDD 3700, TDD 3600, FDD 1700 - 2110 AWS-3
5G NR Band	N1, n2, n3, n5, n7, n8, n20, n26, n28, n38, n40, n41, n66, n77, n78
5G NR Frequency	FDD 2100, FDD 1900PCS, FDD 1800, FDD 850, FDD 2600, FDD 900, FDD 800, FDD 850, FDD 700APT, TDD TD 2600, TDD 2300, TDD TD 2500, FDD AWS-3, TDD TD 3700, TDD TD 3500
Wireless Interface	Bluetooth 5.4, NFC, Wi-Fi 6E, IEEE 802.11a/b/g/n/ac/ax

Connections

Connector Type	USB Type-C - 24 pin USB-C

Phone Features

Sensors	Proximity sensor, Time of Flight (ToF), accelerometer, gyroscope, SAR sensor, magnetometer

Security Devices	Fingerprint reader (under display), face recognition
Security Technology	Face Unlock, ThinkShield for Mobile, Moto Secure
Additional Features	RAM Boost, dual stereo speakers, Z-axis linear vibration motor, Dual microphones

Cellular

Technology	WCDMA (UMTS) / GSM
Mobile Broadband Generation	5G
Service Provider	Not specified
Operating System	Android 14
User Interface	My UX
Intelligent Assistant	Google Assistant
Navigation	GPS, A-GPS, LTEPP, SUPL, GLONASS, Galileo, NavIC
SIM Card Type	Nano SIM, Electronic SIM card (e-SIM)
SIM Card Qty	Dual-SIM
Input Device	Multi-touch

Graphics System

Graphics Accelerator	Qualcomm ADRENO

Media Player

Sound Enhancements	Dolby Atmos sound technology, Dolby Head Tracking, Snapdragon Sound

Front Camera

Sensor Resolution	50 Megapixel
Lens Aperture	F/1.9
Pixel Size	0.64 µm
Special Effects	Photo booth, Spot Colour, Live Filters, HDR
Face Detection	Auto smile capture
Camera Modes	Portrait, Pro mode, Capture Dual, Gesture Shot, BurstShot, Timer mode, Assistive Grid
Video Resolutions	1920 x 1080 (1080p) at 30 fps, 1920 x 1080 (1080p) at 60 fps, 3840 x 2160 (4K) at 30 fps
Features	Quad Pixel technology for 1.28 µm, Assistive grid, levelling, RAW photo, Quick Capture

Main Camera

Sensor Resolution	50 Megapixel
Sensor Size	1/1.55"
Optical Image Stabiliser	Optical Image Stabiliser (OIS)
Lens Aperture	F/1.4
Pixel Size	1 µm
Focus Adjustment	Automatic
Laser Auto Focus	Yes
Digital Zoom	20x
Self-Timer Delay	Yes
Special Effects	Spot Colour, Live Filters, HDR
Camera Modes	Portrait, Timelapse video, Capture Dual, Ultra-Res, Night Vision, Tilt-shift mode, Pro mode, 360 Panorama mode, Gesture Capture, smart high resolution, BurstShot, metering mode, Watermark mode, Selfie Mirror, Macro mode
Face Detection	Auto smile capture
Light Source	LED flash
Video Resolutions	3840 x 2160 (4K) at 30 fps, 1920 x 1080 (1080p) at 30 fps, 1920 x 1080 (1080p) at 60 fps, Slo-mo video 1920 x 1080 (1080p) at 120 fps, Slo-mo video 1280 x 720 (720p) at 240 fps

Features	Quad Pixel technology for 2.0 µm, Google Lens, shot optimisation, Style Sync, 30x Super Zoom, Assistive Grid, levelling, RAW image capture, QR-code scanner, Barcode Scanner, Quick Capture, Audio zoom, horizon lock

Second Camera

Sensor Resolution	13 Megapixel
Lens Type	Ultra wide-angle lens
Lens Aperture	F/2.2
Field of View (FoV)	120 degree(s)
Pixel Size	1.12 µm

Third Camera

Sensor Resolution	10 Megapixel
Optical Zoom	3x
Lens Type	Telephoto lens
Lens Aperture	F/2.0

What's in the box

Motorola Edge 50 Pro
SIM card removal tool, USB-C to USB-C cable, protective case, 125W TurboPower charger