MOBILE PHONE POCO F8 PRO/12/256GB BLUE MZB0M5QEU POCO

Model: MZB0M5QEU

Manufacturer: POCO

EAN: 6932554474249

Product Code: 550839

R13,495

Flagship Snapdragon 8 Elite Mobile Platform

Impressive performance with exceptional energy efficiency

POCO F8 Pro is powered by the unparalleled Snapdragon® 8 Elite with a 3nm manufacturing process and Oryon CPU. It handles a variety of high-load scenarios effortlessly while delivering outstanding energy efficiency.

WildBoost Optimization

Frame recovery in heavy-load scenario

Predicts per-frame computing demand within each frame generation cycle, enabling proactive intervention to prevent frame drops. This ensures higher, more stable frame rates and lower power

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consumption even under heavy-load gaming.

Ultrasmooth gaming experience

1% Low Frame Rates

Stability is our UltraPower. The 1% low frame rate metric represents the worst moments during performance drops. We deliver a higher 1% low frame rate experience, providing a steadier gaming experience even in heavy-load scenarios.

LiquidCool Technology

3D Triple-layer IceLoop System

POCO F8 Pro comes with the innovative 3D Triple-layer IceLoop System. Even with a compact body, its ultrarefined design allows it to fully unleash its power.

User-oriented thermal conductivity structure

Optimize heat transfer pathways to redirect thermal flow away from the grip zone, minimizing heat transmission to the hand.

Intelligent temperature control

Real-time multi-surface temperature monitoring enables precise zoned temperature control.

UltraPower battery

Massive 6210mAh (typ) battery

Ultralarge capacity with prolonged battery life

A portable 6.59" design houses a 6210mAh (typ) super-large battery, putting an end to your battery anxiety. The battery retains ≥ 80% of its capacity even after 1,600 charge cycles, ensuring your prolonged use.

100W HyperCharge

Ultrafast charging experience

POCO F8 Pro features ultrafast charging that ensures both efficiency and safety. Stay powered anytime you want.

POCO F8 Pro also supports 100W PPS universal charging protocol, bringing broad compatibility with

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various fast chargers.

Up to 22.5W reverse charging

Powerful battery ready to share

22.5W reverse charging delivers industry-leading efficiency. Share your powerful battery with friends and rapidly charge other devices.

Smart charging

Enjoy a smooth and stable experience

Smart charging is designed to control phone temperature in charging status, ensuring a smooth and stable experience, by intelligently adjusting charging speed — considering battery level, temperature, and app usage — and power distribution between the system and the battery.

Ultraslim bezels

Enjoy immersive visuals

The golden-sized 6.59" display features a remarkably slim 1.68mm bottom bezel — POCO's narrowest ever — with the three side bezels different from the bottom by only 0.18mm. This creates a near quad-equal bezel design that offers an expanded field of view and a more immersive visual experience.

POCO HyperRGB display

Next-gen display technology

POCO HyperRGB display adopts a full RGB subpixel structure, making full use of red, green, and blue subpixels. It delivers a sharp and accurately colored visual experience comparable to 2K, while reducing power consumption by 22.3% compared with the previous generation.

Global debut M10 display panel

Delicately stunning

The M10 display panel consists of brand-new red luminous material, significantly improving luminous efficiency by 11.4%, and further reducing power consumption. Even under bright outdoor sunlight, the display remains vivid and clear.

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3500 nits ultra-bright display

Clear readability in all lighting

POCO F8 Pro achieves 3500 nits peak brightness covering 25% of the screen area when used outdoors under direct sunlight, presenting more visual detail.

All-round eye care

Keep eye fatigue away

All-day DC dimming consistently delivers smooth visuals without the invisible flicker that typically causes eye fatigue. By optimising its eye care approaches, POCO F8 Pro brings you a comfortable viewing experience across multiple scenarios during extended use.

1 nit ultra-low brightness

The display supports a minimum brightness of 1 nit, making gaming or watching videos in low-light environments easier on the eyes and more comfortable.

Circular polarization technology 2.0

Transforming the screen's original linearly polarized light into more uniform circularly polarized light, bringing the light closer to natural light, and reducing visual fatigue.

Ultrasonic fingerprint sensor

For the first time, POCO F8 Pro comes with press-and-slide fingerprint enrolment, reducing enrolment time by 83%. With its more ergonomic unlocking position, quicker unlocking speed, and support for wet hand unlocking, it delivers a next-gen unlocking experience.

Light Fusion 800 image sensor

Weave the threads of light and shadow

Featuring the advanced Dual Native ISO Fusion Max technology, the Light Fusion 800 image sensor delivers a 13.2EV ultrahigh dynamic range. Even in low-light or high-contrast situations, it precisely captures details of light and shadow and reproduces every nuance of colours.

Clear in every light

Present stunningly clear highlights and shadows in high-contrast scenes.

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50MP telephoto lens

Master your every shot

Dynamic shots

One-stop content creative experience

Capture 1440P ultra-clear dynamic shots with EIS stabilization and HDR enhancement, delivering smoother, more vibrant visuals with outstanding clarity. You can also create dynamic photo collages or convert videos into dynamic shots for extra creative fun.

All-new film filter

Share your story through photography

AI Creativity Assistant

Xiaomi HyperAI is always ready to provide you with creative possibilities that fuel your inspiration.24

The art of glass

A crystal-clear sculpture

For the first time, POCO adopts the one-piece milled glass, where a glossy 3D deco and a matte back cover are carved on a single piece of glass. The deco seamlessly blend with the back cover, ensuring a fluid visual experience.

Golden-sized 6.59'' display

For your comfortable grips

POCO's unprecedented 6.59'' display with rounded corner design is practical for holding and using easily, even with one hand.

Micro-curved metal frame

Perfect hand feeling

The flagship metal frame with slightly curved edges smoothly integrates with the back cover, delivering more comfortable grips.

IP68

Dust and water resistance

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The exceptional dust and water resistance make incidents easy to handle.

UltraPower audio experience

Sound by Bose Co-tuning

Revolutionary mobile audio experience

When Bose's six decades of acoustic expertise and Sound by Bose technology combine with POCO's advanced engineering, we have overcome the inherent constraints of compact smartphone design. For the first time in a mobile audio device, users can experience rich bass, detailed sound, clear vocals, and an immersive soundstage—delivering a truly revolutionary mobile audio experience.

Dual super-linear symmetrical stereo speakers

Extraordinary surround sound

Equipped with dual 1115F super-linear symmetrical speakers, it delivers an enhanced soundstage and full-range audio excellence.

Xiaomi Astral Communication

Xiaomi Surge T1+ Tuner

Even stronger signal

Powered by Xiaomi Surge T1+ Tuner, POCO F8 Pro optimizes Wi-Fi, Bluetooth, and cellular signals for smoother, smarter connectivity.

Xiaomi Offline Communication

Pushing the boundaries of connectivity

Even without network connection, you can still make voice calls over one kilometer, staying seamlessly connected anytime.

Chat with Gemini, a truly helpful personal AI assistant from Google, to supercharge your ideas.

Gemini overlay

Get quick access to Gemini without switching apps.

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Gemini Live

Talk things out with Gemini in real time.

Image generation

Create stunning images with Gemini.

Gemini connected apps

Pull information and take action across apps in Gemini.

Instantly search what you see on your phone. A simple action starts a Google search without leaving the app or content you're on. Search any image, video, or text on your screen. Circle, highlight, scribble, or tap to pinpoint what you're curious about, no screenshots necessary.
Summary: POCO F8 Pro. Display diagonal: 16.7 cm (6.59"), Display resolution: 2510 x 1156 pixels. Processor family: Snapdragon, Processor model: 8 Elite. RAM capacity: 12 GB, RAM type: LPDDR5X, Internal storage capacity: 256 GB. Rear camera resolution (numeric): 50 MP, Rear camera type: Triple camera. SIM card capability: Dual SIM. Battery capacity: 6210 mAh. Product colour: Blue. Weight: 199 g | Vendor Homepage: https://www.mi.com/global/product/poco-f8-pro/ | Form factor: Bar | Product colour: Blue | Protection features: Dust resistant/Water resistant | Internal storage capacity: 256 | RAM capacity: 12 | RAM type: LPDDR5X | Display diagonal: 6.59 | Panel type: AMOLED | Display glass type: Corning Glass | Gorilla Glass version: Gorilla Glass 7i | Display resolution: 2510 x 1156 | Colour depth: 12 | Display number of colours: 68 billion colours | Contrast ratio (typical): 5000000:1 | Maximum refresh rate: 120 | Touch response rate: 480 | Display brightness: 600 | Display brightness (min): 1 | High Dynamic Range (HDR) supported: Yes | High Dynamic Range (HDR) technology: Dolby Vision/High Dynamic Range 10+ (HDR10 Plus) | Processor family: Snapdragon | Processor model: 8 Elite | Processor cores: 8 | Performance cores: 6 | Processor boost frequency: 4.32 | AI processor family: Qualcomm | Rear camera sensor size: 1/1.55 | Rear camera resolution (numeric): 50 | Second rear camera resolution (numeric): 50 | Third rear camera resolution (numeric): 8 | Rear camera aperture number: 1.88 | Second rear camera aperture number: 2.2 | Third rear camera aperture number: 2.2 | Rear camera pixel size (Quad Pixel technology): 2 | Second rear camera focal length: 60 | Rear camera lens elements: 6-element lens | Front camera type: Single camera | Front camera resolution (numeric): 20 | Rear camera flash: Yes | Video capture resolution (max): 7680 x 4320 | Maximum frame rate: 960 | Resolution at capture speed: 1280x720@30fps/1920x1080@30fps/1920x1080@60fps/3840x2160@30fps/3840x2160@60fps/7680x4320

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| Video recording modes: 1080p/2160p/720p | Rear camera type: Triple camera | Camera High Dynamic Range (HDR) mode: Yes | Time lapse mode: Yes | Image stabilizer: Yes | Image stabilizer type: Optical Image Stabilization (OIS) | Macro photography: Yes | Panorama: Yes | Portrait mode: Yes | Slow motion mode: Yes | Slow motion rate: 720p (1280x720) at 120fps / 240fps / 960fps1080p (1920x1080) at 120fps / 240fps / 960fps | SIM card capability: Dual SIM | Mobile network generation: 5G | SIM card type: NanoSIM + eSIM | 3G standards: WCDMA | 4G standard: LTE-TDD & LTE-FDD | Top Wi-Fi standard: Wi-Fi 7 (802.11be) | 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)/Wi-Fi 7 (802.11be) | Bluetooth: Yes | Bluetooth version: 5.4 | aptX technology: Yes | Bluetooth profiles: AAC/APTX/APTX-Adaptive/APTX-HD/LC3/LDAC/LHDC/SBC | Frequency band: Dual-band | MIMO: Yes | Miracast: Yes | Wi-Fi Direct: Yes | Near Field Communication (NFC): Yes | USB connector type: USB Type-C | Headphone connectivity: USB Type-C | GPS (satellite): Yes | NavIC: Yes | BeiDou: Yes | GLONASS: Yes | Galileo: Yes | Quasi-Zenith Satellite System (QZSS): Yes | Electronic compass: Yes | Position location: Yes | Wi-Fi positioning: Yes | Fast charging: Yes | Fast charging technology: Hypercharge/Power Delivery 2.0/Power Delivery 3.0 | Fingerprint reader: Yes | Face recognition: Yes | Number of microphones: 3 | Audio system: Dolby Atmos | Speakers: stereo | Audio formats supported: AAC/AMR/AWB/FLAC/MP3/OGG/WAV | Video formats supported: 3GP/ASF/AVI/MKV/MP4/WEBM/WMV | Platform: Android | User interface (UI): HyperOS 3 | Battery endurance in cycles: 1000 | Battery capacity: 6210 | Energy efficiency class: A | Energy efficiency scale: A to G | Battery endurance per cycle: 3762 | Repeated free fall reliability class: B | Repairability class: C | International Protection (IP) code: IP68 | Accelerometer: Yes | Ambient light sensor: Yes | Proximity sensor: No | Flicker sensor: Yes | Gyroscope: Yes | Colour temperature sensor: Yes | Infrared sensor: Yes | USB Power Delivery (USB PD): Yes | USB Type-C charging port: Yes | USB Type-C required charging power (max): 100 | USB Type-C required charging power (min): 10 | Width: 75.25 | Depth: 8 | Height: 157.49 | Weight: 199 | AC adapter included: No | Quick start guide: Yes | Warranty card: Yes | Cables included: USB Type-C | Protective case: Yes | SIM card ejector pin: Yes | Energy efficiency class: A | Data Sheet (Link): https://eprel.ec.europa.eu/api/product/2482030/fiches?language=EN | EPREL Version Number: 1 | EPREL Registration Number: 2482030 | Unit Calculated Weight: 0.48 | Product Net Weight: 0.199 | Unit Calculated Volume: 0.0011395 | Units per Shipping Box: 20 | Unit Width: 9 | Units per Pallet: 0 | Shipping Box Height: 22.7 | Unit Depth: 18.6 | Unit Height: 4.5 | Name: MOBILE PHONE POCO F8 PRO/12/256GB BLUE MZB0M5QEU POCO | Model name: F8 Pro

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