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# MOBILE PHONE POCO F8 PRO/12/256GB BLACK MZB0M3ZEU POCO

Model: MZB0M3ZEU

Manufacturer: POCO

EAN: 6932554472252

Product Code: 550838

## R13,495

**UltraPower Ascended**

**Flagship Snapdragon® 8 Elite Mobile Platform**

Advanced 3nm process for high efficiency

**Massive 6210mAh (typ) battery**

100W HyperCharge

**6.59" 120Hz POCO HyperRGB AMOLED display**

All-day flicker-free eye care

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**50MP triple camera with OIS**

Flagship 60mm telephoto camera

**Sound by Bose**

Symmetrical stereo speakers

**Premium sleek design**

IP68 dust and water resistance

**UltraPower performance**

**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 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.

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## 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 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.

## UltraPower display

### 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

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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.

**POCO HyperRGB**

**Full RGB subpixel structure**

**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.

**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.

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**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.

**UltraPower photography**

**Pro level**

**All-in-one imaging system**

**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.

**50MP telephoto lens**

**Master your every shot**

**Classical 60mm focal length**

Suitable for amazing portrait

**5x In-sensor zoom**

Bring closer distant scenes

**Telephoto motion capture**

Enables you to freeze the moment in amazing clarity.

**Dynamic shots**

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**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.

**UltraPower design**

**Exquisite body**

**Next-level quality**

**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**

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**Dust and water resistance**

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.

**Embrace the multi-modal AI ecosystem**

Unleash your creativity with the AI assistant powered and customised by Google. It integrates Xiaomi's cutting-edge multi-modal processing technology capable of handling text, voice, and images.

**Gemini overlay**

Get quick access to Gemini without switching apps.

**Gemini Live**

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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.

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: Black. Weight: 199 g | Vendor Homepage: https://www.po.co/global/product/poco-f8-pro/ | Form factor: Bar | Product colour: Black | Protection features: Dust resistant/Water resistant | Waterproof up to: 1.5 | Housing material: Metal | Internal storage capacity: 256 | RAM capacity: 12 | RAM type: LPDDR5X | Compatible memory cards: Not supported | Display diagonal: 6.59 | Screen shape: Flat | 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 | Maximum display brightness (Outdoor): 3500 | Display brightness (min): 1 | High Dynamic Range (HDR) supported: Yes | High Dynamic Range (HDR) technology: Dolby Vision/High Dynamic Range 10 (HDR10)/High Dynamic Range 10+ (HDR10 Plus) | DCI-P3 coverage: 100 | Brand specific technologies: Water touch,Wide color (P3) | Processor family: Snapdragon | Processor model: 8 Elite | Processor cores: 8 | Performance cores: 6 | Efficient cores: 2 | Processor lithography: 3 | 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 | Front camera type: Single camera | Front camera resolution (numeric): 20 | Rear camera flash: Yes | Flash type: LED | Video capture resolution (max): 7680 x 4320 | Maximum frame rate: 960 | Resolution at capture speed: 1280x720@120fps/1280x720@240fps/1280x720@30fps/1280x720@960fps/1920x1080@120fps/1920x108 | Rear camera type: Triple camera | Face detection: Yes | Camera High Dynamic Range (HDR) mode: Yes | Time lapse mode: Yes | Image stabilizer: Yes | Image stabilizer type: Optical Image Stabilization

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(OIS) | Self-timer: Yes | Macro photography: Yes | Panorama: Yes | Portrait mode: Yes | Slow motion mode: Yes | SIM card capability: Dual SIM | Mobile network generation: 5G | SIM card type: NanoSIM + eSIM | 2G standards: GSM | 3G standards: WCDMA | 4G standard: LTE-TDD & LTE-FDD | 5G standard: Sub6 SA/NSA | 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 7 (802.11be) | Bluetooth: Yes | Bluetooth version: 5.4 | aptX technology: Yes | Bluetooth profiles: AAC/APTX/APTX-Adaptive/APTX-HD/LC3/LDAC/LHDC/SBC | MIMO: Yes | Near Field Communication (NFC): Yes | Subscription type: No subscription | USB connector type: USB Type-C | Short Message Service (SMS): Yes | Multimedia Messaging Service (MMS): Yes | E-mail: Yes | GPS (satellite): Yes | BeiDou: Yes | GLONASS: Yes | Galileo: Yes | Quasi-Zenith Satellite System (QZSS): Yes | Electronic compass: Yes | Position location: Yes | Video call: Yes | Fast charging: Yes | Reverse wireless charging: Yes | Wireless charging power: 22.5 | 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/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: Yes | Flicker sensor: Yes | Gyroscope: Yes | Colour temperature 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 | Quick start guide: 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: 0.485 | Product Net Weight: 0.199 | Unit Calculated Volume: 0.001153 | Units per Shipping Box: 20 | Unit Width: 9.2 | Units per Pallet: 0 | Shipping Box Height: 23.2999992371 | Unit Depth: 18.7 | Unit Height: 4.5 | Name: MOBILE PHONE POCO F8 PRO/12/256GB BLACK MZB0M3ZEU POCO | Model name: F8 Pro

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