

MOBILE PHONE POCO X8 PRO/8/256GB WHITE MZB0N2KEU POCO

Model: MZB0N2KEU

Manufacturer: POCO

EAN: 6932554492519

Product Code: 551640

R10,133

POCO X8 Pro

Speed to the max

- Flagship Dimensity 8500-Ultra
- 6500mAh (typ) battery with 100W HyperCharge
- 1.5K 120Hz ultra-bright AMOLED display
- 50MP Sony IMX882 with OIS
- Flagship quality with premium feel
- IP68 dust and water resistance

Next-generation performance

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Flagship Dimensity 8500-Ultra

Advanced TSMC 4nm process

The TSMC 4nm manufacturing process, All-Big-Core design, with a max clock speed of up to 3.4GHz, AnTuTu V11 score achieves at 2,283,558, delivers both enhanced performance and user experience while further optimizing power consumption.

POCO 3D dual-layer IceLoop cooling system

5300mm² extra-large area

Experience exceptional thermal efficiency even under heavy loads with POCO 3D dual-layer IceLoop cooling system with an ultra-large area of 5300mm², which effectively targets key heat sources enabling highly efficient heat dissipation drastically reduces the SoC temperature up to 3°C. You can enjoy peak performance during intense gaming or heavy multitasking.

WildBoost Optimization

Revolutionary performance

Integrated dynamic frequency scaling across CPU, GPU, and DDR. This ensures higher, more stable frame rates and lower power consumption even under heavy-load gaming.
Predicts per-frame computing demand within each frame generation cycle, enabling proactive intervention to prevent frame drops.

Ultra-Long Battery Life

6500mAh Silicon-Carbon Battery14

Beyond all-day battery life

With a 10% ultra-high silicon-carbon content, POCO X8 Pro's battery capacity is significantly boosted, delivering a long battery life experience.

Long-lasting battery

Powered by a P3 charging chip and G1 battery management chip, with multiple protections, POCO X8 Pro retains ≥80% battery capacity after 1,600 charging cycles.

100W HyperCharge

Wider charger compatibility

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POCO X8 Pro supports 100W PPS universal charging protocol, bringing broad compatibility with various fast chargers for quick power top-ups anytime.

27W reverse charging

Pocket power bank

With 27W reverse charging support, your phone becomes a portable power bank, ready to power up your devices anytime, anywhere.

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.

Professional display

Ultra-slim bezels

6.59'' immersive view

POCO X8 Pro features a large, vibrant display with ultra-slim bezels — 1.7mm at the bottom and 1.5mm on the other sides — for an immersive viewing experience.

Next-gen M10 display panel

Stunning light

POCO X8 Pro's display uses the next-gen M10 display panel, which consists of brand-new red luminous material with 20% improved luminous efficiency to further reducing power consumption.

3500 nits peak brightness

Ultra-bright display

Thanks to the next-gen M10 display panel, POCO X8 Pro can achieve 3500 nits peak brightness covering 25% of the screen area, ensuring clear visibility even under direct sunlight.

3840Hz PWM dimming

All-around Eye-Protection Screen

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Flicker-free with more natural screen dimming. With 3840Hz high-frequency PWM dimming and a circadian eye-comfort mode, the display is smarter, gentler on the eyes, and helps reduce eye strain during prolonged use.

50MP high resolution

Large-aperture ultra-sensitive camera

UltraSnap

Ultra-clear image quality, freezing every vivid moment.

UltraSnap now supports portrait mode, letting you continuously capture up to 120 photos of kids, pets, or friends in motion—even in high dynamic range scenes.

Ultra-wide camera

Let the image release tension

The Ultra-angle camera can offer you a broader perspective, making the image more dramatic and uniquely tensioned.

20MP front camera

Group selfies made easy

When taking group selfies, the POCO X8 Pro intelligently switches to a 0.8× wide-angle to capture more smiles.

AI Creativity Assistant

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

Next-level experience

Xiaomi Offline Communication

Stay connected, even without signal

In areas with weak or no signal, such as the countryside, parking garages, or crowded venues, Xiaomi Offline Communication lets you make calls even without network connectivity. It's built for those moments when staying connected still matters.

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Refreshed design

Refined minimalism

Premium feel

Crafted to flagship standards, POCO X8 Pro features a metal middle frame for enhanced quality, paired with a glass back that elevates its premium feel. Every detail balances sophistication and resilience.

Stunning look

Racing aesthetics

Dynamic RGB light offers personalized visual effects to match every mood. The backlight effect is available in 8 colors for incoming calls and app notifications, while the pulsing light effect syncs with a wide range of scenarios, including games, music, and more. With vivid color options and adjustable brightness, the lighting effect gives you the immersive and intuitive experience for max utility and max vibe.

Flagship quality

- Attention to detail
- Flagship metal frame
- Sleek large rounded corner
- Racing stripe design
- Glass back cover

IP68 rating

Dust and water resistance

1.5m

Water resistance depth

30 minutes

Water resistance duration

Summary: POCO X8 Pro. Display diagonal: 16.7 cm (6.59"), Display resolution: 2756 x 1268 pixels. Processor family: MediaTek, Processor model: Dimensity 8500 Ultra. RAM capacity: 8 GB, RAM type:

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LPDDR5X, Internal storage capacity: 256 GB. Rear camera resolution (numeric): 50 MP, Rear camera type: Dual camera. SIM card capability: Dual SIM. Battery capacity: 6500 mAh. Product colour: White. Weight: 201.47 g | Vendor Homepage: https://www.mi.com/global/product/poco-x8-pro/ | Form factor: Bar | Product colour: White | Internal storage capacity: 256 | RAM capacity: 8 | RAM type: LPDDR5X | Display diagonal: 6.59 | Panel type: AMOLED | Display glass type: Gorilla Glass | Gorilla Glass version: Gorilla Glass 7i | Display resolution: 2756 x 1268 | Colour depth: 12 | Display number of colours: 68 billion colours | Contrast ratio (typical): 8000000:1 | Maximum refresh rate: 120 | Display brightness: 800 | Maximum display brightness (HDR): 3500 | High Dynamic Range (HDR) supported: Yes | High Dynamic Range (HDR) technology: Dolby Vision/High Dynamic Range 10+ (HDR10 Plus) | Pixel density: 460 | Touchscreen type: Capacitive | Processor family: MediaTek | Processor model: Dimensity 8500 Ultra | Processor cores: 8 | Processor boost frequency: 3.4 | Rear camera sensor size: 1/1.95 | Rear camera resolution (numeric): 50 | Second rear camera resolution (numeric): 8 | Rear camera aperture number: 1.5 | Second rear camera aperture number: 2.2 | Rear camera pixel size (Quad Pixel technology): 1.6 | Rear camera lens elements: 6-element lens | Front camera type: Single camera | Front camera sensor size: 1/4 | Front camera resolution (numeric): 20 | Front camera aperture number: 2.2 | Rear camera flash: Yes | Video capture resolution (max): 3840 x 2160 | Maximum frame rate: 60 | Resolution at capture speed: 1280x720@30fps/1920x1080@30fps/1920x1080@60fps/3840x2160@24fps/3840x2160@30fps/3840x2160 | Video recording modes: 1080p/2160p/720p | Rear camera type: Dual camera | Dual video recording: Yes | Time lapse mode: Yes | Image stabilizer: Yes | Image stabilizer type: Optical Image Stabilization (OIS) | Night mode: 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 | 3G standards: WCDMA | 4G standard: LTE-TDD & LTE-FDD | 5G standard: Sub6 SA/NSA | Top Wi-Fi standard: Wi-Fi 6 (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) | Bluetooth: Yes | Bluetooth version: 6.0 | Wi-Fi Direct: Yes | Near Field Communication (NFC): Yes | Subscription type: No subscription | USB connector type: USB Type-C | Short Message Service (SMS): Yes | E-mail: Yes | Assisted GPS (A-GPS): Yes | GPS (satellite): Yes | NavIC: Yes | BeiDou: Yes | GLONASS: Yes | Galileo: Yes | Electronic compass: Yes | Position location: Yes | Video call: Yes | Fast charging: Yes | Graphics card: Mali-G720 | Fingerprint reader: Yes | Face recognition: Yes | Speakerphone: Yes | Vibrating alert: Yes | 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 |

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Platform: Android | User interface (UI): HyperOS 3 | Battery endurance in cycles: 1000 | Battery capacity: 6500 | Energy efficiency class: A | Energy efficiency scale: A to G | Battery endurance per cycle: 3985 | Repeated free fall reliability class: A | Repairability class: C | International Protection (IP) code: IP68 | Accelerometer: Yes | Ambient light sensor: Yes | Proximity sensor: Yes | Flicker sensor: Yes | Gyroscope: 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: 75.19 | Depth: 8.38 | Height: 157.53 | Weight: 201.47 | Compliance certificates: TÜV mark | 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/2542846/fiches?language=EN | EPREL Version Number: 1 | EPREL Registration Number: 2542846 | Unit Calculated Weight: 0.475 | Product Net Weight: 0.20147 | Unit Calculated Volume: 0.001261 | Units per Shipping Box: 20 | Unit Width: 9.5 | Units per Pallet: 0 | Shipping Box Height: 23 | Unit Depth: 18.5 | Unit Height: 4.5 | Name: MOBILE PHONE POCO X8 PRO/8/256GB WHITE MZB0N2KEU POCO | Model name: POCO X8 Pro

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