

MOBILE PHONE POCO X8 PRO MAX/12/256GB BLUE MZB0NBEEU POCO

Model: MZB0NBEEU

Manufacturer: POCO

EAN: 6932554496883

Product Code: 551633

R12,849

POCO X8 Pro Max

Speed to the max

- Flagship Dimensity 9500s
- Flagship quality with premium feel
- 8500mAh (typ) battery with 100W HyperCharge
- 6.83" 1.5K 120Hz ultra-bright AMOLED display
- 50MP Light Fusion 600 with OIS
- IP68 dust and water resistance

Ultra-fast performance

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Dimensity 9500s

3nm flagship platform

Built on 2nd-gen 3nm manufacturing process, the chipset adopts an all-big-core design with a max clock speed of up to 3.73GHz, further enhancing performance, user experience, and power efficiency.

POCO 3D IceLoop cooling system

5800mm² ultra-large LHP area

POCO X8 Pro Max features an ultra-large POCO 3D IceLoop cooling pump that covers core heat sources and a large 11000mm² graphite layer to maximise heat dissipation and performance.

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.

The max power

Massive 8500mAh (typ) battery

Huge battery capacity

With 16% ultra-high silicon-carbon content and 847 Wh/L energy density, POCO X8 Pro Max's battery capacity is significantly boosted, delivering an exceptional, ultra-long battery life experience.

6-year long-life battery

Long-lasting battery

POCO X8 Pro Max retains 80% or more of its battery capacity after 1,600 charge cycles, which is approximately equivalent to 6 years of regular use, delivering lasting power you can rely on.

100W HyperCharge

On-demand power

Enjoy ultra-fast charging with 100W HyperCharge, recharging your phone to 50% in just 24 minutes. POCO X8 Pro Max also supports 100W PPS universal charging protocol for wide fast-charger

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compatibility.

27W reverse charging

Pocket power bank

With 27W reverse charging, your phone becomes a power bank, ready to charge your other 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.

The max display

Ultra-slim bezels

6.83" immersive view

POCO X8 Pro Max features a large, vibrant display with ultra-slim bezels — 1.78mm at the bottom and 1.5mm on the other sides — for an immersive viewing experience.

Next-gen M10 display panel

Stunning light

Equipped with the cutting-edge M10 display panel that features a brand-new red luminous material, POCO X8 Pro Max achieves higher luminous efficiency and lower power consumption. Experience vivid and clear visuals with extended battery life even under bright outdoor sunlight.

3500 nits ultra-bright display

Ultra-bright sunlight display

POCO X8 Pro Max achieves 3500 nits peak brightness covering 25% of the screen area when used outdoors under direct sunlight, 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.

Next-generation imaging

Pro Max level

All-in-one imaging system

Light Fusion 600 image sensor

Weave the threads of light and shadow

Featuring a large f/1.5 aperture and Dual Native ISO Fusion technology, the Light Fusion 600 image sensor delivers sharp, vivid images even in low-light or high-contrast situations.

AI Creativity Assistant

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

Film filters

Tell your story in every shot

Refreshed design

Refined minimalism

Premium feel

Crafted with an ultra-tough fiberglass back panel that combines durability and lightweight, and high-strength metal frame built to endure, POCO X8 Pro Max is ready to handle everyday challenges with confidence. It is also SGS-certified for full-device high-strength protection against drops, bends and crushing pressure.

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

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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

SGS Premium Performance Certification

More resistant to drops and wear

IP68 rating

Dust and water resistance

Withstands submersion in static water up to 2m deep for 30 minutes without impact.

Next-level experience

Ultrasonic fingerprint sensor

Unlock a new era

For the first time, POCO X8 Pro Max comes with ultrasonic fingerprint sensor, featuring press-and-slide fingerprint enrollment method that drastically reduces setup time. With its more ergonomic unlocking position, faster unlocking speed, and support for wet hand unlocking, it delivers a next-gen unlocking experience.

Symmetrical Stereo Speakers

Extraordinary surround sound

Equipped with flagship dual 1115F symmetrical stereo speakers for a more balanced soundstage, enhanced surround effects and a more immersive audio experience. POCO X8 Pro Max also features a considerate Nighttime low-volume mode for undisrupted sleep.

eSIM support

Seamless and convenient connectivity

POCO X8 Pro Max now supports eSIM for seamless and easier network access.

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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 matters.

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

Ask Gemini about anything you see. Share your camera or screen in Gemini Live conversations

Image generation

Create stunning images with Gemini

Image generation

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Summary: POCO X8 Pro Max. Display diagonal: 17.4 cm (6.83"), Display resolution: 2772 x 1280 pixels. Processor family: MediaTek, Processor model: Dimensity 9500s. RAM capacity: 12 GB, RAM type: LPDDR5X, Internal storage capacity: 256 GB. Rear camera resolution (numeric): 50 MP, Rear camera type: Dual camera. SIM card capability: Dual SIM. Battery capacity: 8500 mAh. Product colour: Blue. Weight: 218 g | Vendor Homepage: https://www.mi.com/global/product/poco-x8-pro-max/ | Form factor: Bar | Product colour: Blue | Internal storage capacity: 256 | RAM capacity: 12 | RAM type: LPDDR5X | Display diagonal: 6.83 | Panel type: AMOLED | Display glass type: Gorilla Glass | Gorilla Glass version: Gorilla Glass 7i | Display resolution: 2772 x 1280 | Colour depth: 12 | Display number of colours: 68 billion colours | Contrast ratio (typical): 8000000:1 | Maximum refresh rate: 120 | Touch response rate: 480 | Display brightness: 800 | Maximum display brightness (HDR): 3500 | High Dynamic Range (HDR) supported: Yes | High Dynamic Range (HDR) technology: Dolby

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Vision/High Dynamic Range 10+ (HDR10 Plus) | Pixel density: 460 | Touchscreen type: Capacitive | Processor family: MediaTek | Processor model: Dimensity 9500s | Processor architecture: ARM Cortex-X4+Cortex-A720+Cortex-X925 | Processor cores: 8 | Processor boost frequency: 3.73 | 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 | Camera High Dynamic Range (HDR) mode: Yes | 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 | 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 | Platform: Android | User interface (UI): HyperOS 3 | Battery endurance in cycles: 1000 | Battery capacity: 8500 | Energy efficiency class: B | Energy efficiency scale: A to G | Battery endurance per cycle: 4814 | 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 | 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: 77.9 | Depth: 8.2 | Height: 162.9 | Weight: 218 | Compliance certificates: TÜV mark | AC adapter included: No | Quick start guide: Yes | Warranty card: Yes | Cables included: USB Type-C |

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Protective case: Yes | SIM card ejector pin: Yes | Energy efficiency class: B | Data Sheet (Link): https://eprel.ec.europa.eu/api/product/2594635/fiches?language=EN | EPREL Version Number: 1 | EPREL Registration Number: 2594635 | Unit Calculated Weight: 0.475 | Product Net Weight: 0.218 | Unit Calculated Volume: 0.001135 | Units per Shipping Box: 20 | Unit Width: 9.3 | Units per Pallet: 0 | Shipping Box Height: 22.5 | Unit Depth: 18.5 | Unit Height: 4.3 | Name: MOBILE PHONE POCO X8 PRO MAX/12/256GB BLUE MZB0NBEEU POCO | Model name: X8 Pro Max

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