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Generated: 2026-10-30 05:28



MOBILE PHONE POCO X7 PRO/12/512GB YELLOW MZB0J23EU POCO

Model: MZB0J23EU

Manufacturer: POCO

EAN: 6932554408947

Product Code: 332679

R8,652

Poco X7 Pro

Full speed ahead

Flagship Dimensity 8400-Ultra

6000mAh (typ) battery with 90W HyperCharge

CrystalRes 1.5K 120Hz AMOLED display

50MP main camera with OIS

IP68* dust and water resistance

lagship Dimensity 8400-Ultra

1,704,330* AnTuTu score

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6000mAh (typ) battery with 90W* HyperCharge

Charge to 100% in 42 mins*

CrystalRes 1.5K 120Hz* AMOLED display

Ultra-slim bezel for premium viewing

50MP main camera with OIS

20MP front camera

IP68* dust and water resistance

Flagship-level resistance for strong protection

Speed redefined

Dimensity 8400-Ultra

Global debut

Featuring the world-first ARM Cortex-A725 CPU architecture with an All-Big-Core design and TSMC's advanced 4nm process technology for superior gaming and multitasking, setting new performance standards.

WildBoost Optimization 3.0

Bring incredible gaming to hardcore POCOers.

Powered by Xiaomi HyperOS 2 and Dimensity 8400-Ultra, next-gen WildBoost Optimisation enhances performance, graphics, connectivity, and game audio, with a revamped UI design for unstoppable power.

Enhanced game audio

More immersive spatial sound

Boosted game noises for competitive edge

Transcription accuracy for in-game voice chats

Smart performance scheduling

Same scenarios, better tenergy efficiency

Thru AI frequency modulation, AI thread management and frame-rate stabilisation to improve

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energy efficiency in multitasking scenarios. It's time to level up!

Improved gaming connectivity

AI smart antenna selection

+20%*

improvement to connection stability

Triple split antenna design

+30%*

signal output area when gaming

Super Resolution Rendering*

Clearer gaming graphics

Break through the original graphics quality, making the game characters more refined and the scene pictures more realistic.

LiquidCool Technology 4.0

POCO 3D IceLoop system

The POCO X7 Pro comes with the X series’ most powerful cooling system, combining design, hardware, and AI to keep temperatures optimal and performance at its peak, even during long use.

User-oriented thermal conductivity structure

Designing efficient heat paths to enhance heat dissipation and significantly improve thermal comfort during gaming.

Intelligent temperature control

Equipped with 10 temperature sensors for precise and comprehensive temperature monitoring. AI identifies usage scenarios in real time, selecting the best cooling strategy for an optimal thermal experience.

Longer battery life

6000mAh

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Next-gen breakthrough in battery capacity

Featuring the largest battery capacity in the POCO X series*, POCO X7 Pro offers a 1000mAh boost while maintaining a slim design.

90W HyperCharge

Equipped with the self-developed Surge P2 chip and 58 safety measures, it provides faster and more reliable charging for the larger battery.

Smart Charging Engine

Enhanced charging experience

Thanks to the dedicated Surge P2 charging chipset and Surge G1 battery chipset, the refined smart charging engine is more focused on user experience, offering greater charging efficiency, improved cold resistance, and enhanced battery durability.

Perceptive charging

Intelligently adapts to user behaviors and scenarios, ensuring an optimal balance of charging speed and thermal comfort.

Battery health 4.0

When charging at high temperature, the fully charged voltage is reduced to delay battery aging and extend battery life.

Low- temperature charging

Supports charging at temperature as low as -25°C.

Battery protection 2.0

Heavy load smart charging

Immersive display

Flagship screen redefining visual excellence

A 1.5K CrystalRes 6.67-inch flagship AMOLED screen with enhanced luminous materials offers ultra-high peak brightness and stunning visuals while optimising power efficiency. Striking colours provide

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an immersive viewing experience.

Professional colour display

Pro HDR display

Ultra-high peak brightness HDR contents are up to 8 times brighter* with improved contrast for even more impressive details.

Original colour Pro

A professionally-calibrated true-colour display produces vibrant images with accurate colour reproduction and consistent colour display across devices.

Adaptive HDR

The display dynamically adjusts to video content and screen brightness to ensure a comfortable viewing experience and vivid details in different lighting conditions.

Pro HDR display

Ultra-high peak brightness HDR contents are up to 8 times brighter* with improved contrast for even more impressive details.

Professional eye-friendly display

Triple TÜV Rheinland certifications

16,000 levels of brightness adjustment and 1920Hz PWM* dimming together facilitate comfortable changes in brightness, reducing eye strain during extended use.

Ultra smooth for a seamless experience

2560Hz* instant touch sampling rate

16x super-resolution touch control

Wet Touch display

Wet or oily fingers pose no issue

The upgraded Wet Touch technology enhances touch accuracy across diverse conditions, enabling precise control even with water, oil stains, or foam on the screen.

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Corning® Gorilla® Glass 7i

Incredibly tough Corning® Gorilla® Glass 7i provides better protection for the screen.

2x* Drop resistance

2x* Scratch resistance

Light-Capturing Camera

Sony's IMX882

+65%* light intake

*+65% light intake compared to previous generation, based on the light intake per individual pixel. Data obtained from POCO Internal Labs.

With a 50MP resolution and a large f/1.5 aperture, it significantly enhances picture quality in low-light conditions. Optical Image Stabilisation (OIS), advanced snapshot features, and upgraded AI algorithms collectively make capturing stunning photos effortless.

50MP

f/1.5 ultra-large aperture

Main camera

Sony's IMX882

8MP

Ultra-wide camera

20MP

Front camera

Professional portraits

Real light spot

Dual focal Lengths for portraits

POCO Imaging Engine

with RAW algorithm

Improved picture quality

Both the front and rear cameras preserve more details with increased depth from light and shadows thanks to a RAW-based algorithm.

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UltraSnap*

Full speed captures, anywhere and anytime

Low-latency capture

Night Scene Capture

Motion Capture*

Professional Videography

4K/60 fps video with OIS & EIS

OIS and EIS are both supported when recording 4K/60fps videos for a perfect combination of high picture quality and a high frame rate.

Motion tracking focus 2.0

The double-click autofocus feature automatically identifies a range of subjects, from people to insects, tracking each target to ensure clarity with every shot.

Director mode

Director mode presents a professional film camera interface with advanced parameter controls, supporting up to 4K at 60 frames per second. It supports shooting in log format and can also connect to a Pad or smartphone for monitoring, offering a comprehensive professional video shooting experience.

New experiences in creativity

AI Image Expansion

Extend your images seamlessly with intelligent context generation powered by on-device AI.

AI Erase Pro

Precisely clean up your photos by removing unwanted elements with AI Erase Pro.

AI Film

Edit vlogs easily. Effortlessly create short, cinematic videos with the help of AI Film. Select the photos and videos you want to use, describe what you imagine, and watch as AI Film does the rest.

Dynamic shots

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Bring every moment to life.

Capture the most beautiful moments with the option to trim and select your perfect shot later. Export your creation as a photo, video, or GIF to ensure your memories last beyond a single moment.

Powerful experience

POCO's first-ever

IP68 water and dust resistance

Featuring enhanced protection with pioneering dust and water-resistant measures for comprehensive protection, the device achieves water resistance up to 1.5m*. No matter rain or shine, it works perfectly.

Evolved AI experience

Poco X7 Pro

Chat with Gemini, your AI assistant from Google. Get help writing, brainstorming, learning, and more.

Superb positioning

For more precise navigation

Dual-frequency GPS and Triple-frequency BDS satellite positioning provide you more accurate positioning, navigation, and precise trajectory tracking,even in complex environments such as areas with tall buildings or mountains

Ultimate auditory experience

AI Super Cinema

Dual-speaker with a brand-new AI algorithm for an immersive 3D surround stereo sound experience.*

AI Call Boost

Automatically adjusts call volume based on ambient noise, ensuring crystal-clear conversations as if you were speaking face-to-face even in noisy environments.

Stylish new design

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Performance-driven design

Exudes quality and personality

With a fresh design language featuring textured stitching and a racetrack-inspired deco, complemented by smooth curves for a distinctive look.

The premium dual-turbo ring design radiates performance and allure, drawing attention at first glance.

POCO’s distinctive deco style

New design, simple yet powerful.

Dual-texture design

An innovative blend of two textures, with a unique design that highlights individuality and distinctiveness.

The yellow version features a leather texture for added boldness.

Comfortable to hold

All-around equal curved back design fits your hand for a comfortable grip.

Summary: POCO X7 Pro. Display diagonal: 16.9 cm (6.67"), Display resolution: 2712 x 1220 pixels. Processor family: MediaTek, Processor model: Dimensity 8400 Ultra. RAM capacity: 12 GB, RAM type: LPDDR5X, Internal storage capacity: 512 GB. Rear camera resolution (numeric): 50 MP, Rear camera type: Dual camera. SIM card capability: Dual SIM. Battery capacity: 6000 mAh. Product colour: Black, Yellow. Weight: 195 g | Vendor Homepage: https://www.mi.com/uk/product/poco-x7-pro/specs/?skupanel=1&gid=4223707235 | Form factor: Bar | Product colour: Black/Yellow | Internal storage capacity: 512 | RAM capacity: 12 | RAM type: LPDDR5X | Display diagonal: 6.67 | Panel type: AMOLED | Display glass type: Gorilla Glass | Gorilla Glass version: Gorilla Glass 7i | Display resolution: 2712 x 1220 | Colour depth: 12 | Display number of colours: 68 billion colours | Contrast ratio (typical): 5000000:1 | Maximum refresh rate: 120 | Display brightness: 700 | Maximum display brightness (HDR): 3200 | High Dynamic Range (HDR) supported: Yes | High Dynamic Range (HDR) technology: Dolby Vision/High Dynamic Range 10+ (HDR10 Plus) | Pixel density: 446 | Processor family: MediaTek | Processor model: Dimensity 8400 Ultra | Processor cores: 8 | Processor boost frequency: 3.25 | 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 | Front camera type:

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Single camera | Front camera sensor size: 1/4 | Front camera resolution (numeric): 20 | Front camera aperture number: 2.2 | Rear camera flash: Yes | 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 | Night mode: Yes | Panorama: Yes | Portrait mode: Yes | Slow motion mode: Yes | Slow motion rate: 1080p at 120fps/240fps/960fps, 720p 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 | Assisted GPS (A-GPS): Yes | GPS (satellite): Yes | NavIC: Yes | BeiDou: Yes | GLONASS: Yes | Galileo: Yes | Electronic compass: Yes | Position location: Yes | Fast charging: Yes | Graphics card: Mali-G720 | Fingerprint reader: Yes | Face recognition: 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 | User interface (UI): HyperOS 2 | Battery endurance in cycles: 1000 | Battery capacity: 6000 | Energy efficiency class: C | Energy efficiency scale: A to G | Battery endurance per cycle: 2970 | Repeated free fall reliability class: C | 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): 90 | USB Type-C required charging power (min): 10 | Width: 75.24 | Depth: 8.29 | Height: 160.75 | Weight: 195 | 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: C | Data Sheet (Link): https://eprel.ec.europa.eu/api/product/2303014/fiches?language=EN | EPREL Version Number: 1 | EPREL Registration Number: 2303014 | Unit Calculated Weight: 0.458 | Battery: Lithium-Ion rechargeable | Product Net Weight: 0.195 | Unit Calculated Volume: 0.001296 | Units per Shipping Box: 20 | Unit Width: 9 | Units per Pallet: 0 | Shipping Box Height: 23 | Unit Depth: 18 | Unit Height: 5 | Name: MOBILE PHONE POCO X7 PRO/12/512GB YELLOW MZB0J23EU POCO | Model name: POCO X7 Pro

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