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MOBILE PHONE POCO F8 ULTRA/12/256GB BLACK MZB0M3REU POCO

Model: MZB0M3REU

Manufacturer: POCO

EAN: 6932554472177

Product Code: 550844

R17,743

UltraPower performance

Snapdragon® 8 Elite Gen 5

Huge leap in performance

Introducing the brand-new flagship chipset, engineered with the cutting-edge 3nm process. With an All-Big-Core CPU architecture, it effortlessly powers through high-load scenarios with exceptional energy efficiency.

VisionBoost D8 chipset

Equipped with a GEX module, POCO F8 Ultra features dedicated graphics boost chipset leverages pre-trained AI models to dramatically enhance image details and deliver high-quality graphics. With

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advanced motion interpolation technology, dynamic scenes appear smoother and more fluid than ever.

WildBoost Optimisation

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

6700mm² 3D dual-channel, dual-layer IceLoop system

The POCO F8 Ultra features the innovative 3D dual-channel, dual-layer IceLoop cooling system. With an ultra-large surface area that effectively targets key heat sources and an enhanced volume, it ensures sustained peak performance. The dual-channel design delivers powerful cooling for both the SoC and the camera module, effectively managing the thermal output of these critical heat sources.

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 6500mAh (typ) battery

Long-lasting battery life for great peace of mind

POCO F8 Ultra is powered by a high-energy-density silicon-carbon dual-cell battery, delivering the

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largest battery capacity in the POCO F series. The battery retains ≥ 80% of its capacity even after 1,600 charge cycles, ensuring your prolonged use.

100W Wired HyperCharge

50W wireless HyperCharge

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

POCO F8 Ultra also supports 100W PPS universal charging protocol bringing broad compatibility with various fast chargers.

Up to 22.5W wired 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 photography

Light Fusion 950 image sensor

Versatile ultra-dynamic light sensor

Featuring the Light Fusion 950 image sensor, the POCO F8 Ultra delivers a 13.5EV high dynamic range. With extraordinary light-capturing capability, it handles complex lighting with ease — from low-light scenes to strong backlighting and sharp contrasts — precisely capturing every detail in light and shadow.

Pro-grade optics

Engineered for pure, clear imaging

The new hardware-level G+P lens module and Precise multi-coating process effectively minimise lens flare, ghosting, and haze, resulting in cleaner visuals.

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5x periscope telephoto lens

Beauty brought within reach

For the first time, the POCO F8 Ultra adopts a 5x periscope telephoto lens. Coupled with OIS (Optical Image Stabilisation), it captures the distant beauty like it’s right in front of you.

One telephoto lens that does it all

From close-ups to distant scenes

Close-up shooting

Ideal for capturing fine details, with lower distortion and enhanced sharpness.

Capture instantly

Ideal for capturing dynamic moments with perfect clarity and precision, with almost zero-lag snapshot capability within the 5x to 10x range

50MP ultra-wide lens

Delivering a spectacular field of view

The flagship ultra-wide-angle lens offers an exceptionally broad field of view, providing greater creative space for more striking visual impact. Capture the grandeur of vast landscapes in a single shot.

32MP front camera

Group selfies made easier

When the camera detects two people, it intelligently switches to a 0.8x ultra-wide angle to fit everyone into the frame.

Dynamic shots

One stop 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.

AI Creativity Assistant

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

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AI Beautify

Auto-adjust key settings like exposure, saturation and contrast to beautify your photos.

AI Cutouts

Supports AI cutouts with subject recognition, movement, and background inpainting.

UltraPower display

Ultraslim bezels

Enjoy immersive visuals

The ultra-large 6.9" 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

Comparable to 2K image clarity

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 19.5% compared with the previous generation.

Global debut M10 display panel

Delicately stunning

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

Ultrasonic fingerprint sensor

For the first time, POCO F8 Ultra 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.

All-round eye care

Keep eye fatigue away

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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 Ultra brings you a comfortable viewing experience across multiple scenarios during extended use.

1 nit minimum 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 polarisation technology 2.0

Light from the screen is closer to natural light, bringing comfort and care to your eyes. It exhibits less colour shift at different angles with more uniform colours and brightness.

3,500 nits ultrabright display

Super sunlight display

POCO F8 Ultra achieves 3,500 nits peak brightness covering 25% of the screen area when used outdoors under direct sunlight, presenting more visual detail.

UltraPower design

Third-generation Nano-tech material

Stylish and eye-catching

Engineered with an upgraded formula and process for enhanced durability and stain resistance. Made from natural silicon ore and manufactured without harmful solvents, it represents a more eco-conscious choice.

Glass Fiber

Slim, lightweight, and highly durable

With glass fiber back cover, the body is lighter and thinner, yet ultra-durable and crack-resistant.

High-strength frame

Strong like a shield

Fortified with aluminium alloy

The mid-frame, camera deco, and lens bezel are all made with high-strength aluminium alloy for

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exceptional durability.

POCO Shield Glass

Ultra-durable Shield Glass, engineered to withstand scratches and impacts.

IP68

Top-notch 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.

Symmetrical stereo speakers

Independent subwoofer

Dual 1115F symmetrical stereo speakers work in harmony with an ultra-large 1620 independent subwoofer to create a 2.1-channel audio system, delivering a more stable sound image, deeper bass, and a wider soundstage. Users can experience deep bass, rich details and immersive soundstage.

Xiaomi Astral Communication

Xiaomi Surge T1S + Xiaomi Surge T1+

Dual-chip signal enhancement

Powered by Xiaomi Surge T1S and Xiaomi Surge T1+ tuner chipsets, POCO F8 Ultra optimizes Wi-Fi, Bluetooth, GPS 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.

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Embrace the multi-modal AI ecosystem

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

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.

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 Ultra. Display diagonal: 17.5 cm (6.9"), Display resolution: 2608 x 1200 pixels. Processor frequency: 3.6 GHz, Processor family: Snapdragon, Processor model: 8 Elite Gen 5. 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: 6500 mAh. Product colour: Black. Weight: 218 g | Vendor Homepage: https://www.mi.com/global/product/poco-f8-ultra/ | Forma: Plytelė | Produkto spalva: Juoda | Apsaugos ypatybės: Atsparus dulkėms/Atsparus vandeniui | Atsparumas vandeniui iki: 1.5 | Vidinės saugyklos talpa: 256 | RAM talpa: 12 | RAM tipas: LPDDR5X | Ekrano įstrižainė: 6.9 | Ekrano forma: Plokščias | Ekrano ir korpuso santykis: 94.25 | Skydo tipas: AMOLED | Ekrano stiklo tipas: POCO Shield Glass | Ekrano rezoliucija: 2608 x 1200 | Ekrano spalvų skaičius: 68 milijardai spalvų | Spalvų gylis: 12 | Kontrasto santykis (tipinis): 5000000:1 | Maksimalus atnaujinimo dažnis: 120 | Reakcijos į

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palietimą trukmė: 480 | Didžiausias ekrano skaistis (lauke): 3500 | Ekrano ryškumas: 600 | Ekrano ryškumas (min.): 1 | Palaikoma HDR: Taip | Didelio dinaminio diapazono (HDR) technologija: Dolby Vision/High Dynamic Range 10 (HDR10)/High Dynamic Range 10+ (HDR10 Plus)/Hybrid Log-Gamma (HLG) | Išskirtinės prekės ženklo technologijos: Platus spalvų intervalas (P3) | Procesoriaus šeima: „Snapdragon“ | Procesoriaus modelis: 8 Elite Gen 5 | Procesoriaus branduoliai: 8 | Dideli branduoliai: 6 | Procesoriaus padidintas dažnis: 4.6 | Procesoriaus dažnis: 3.6 | Dirbtinio intelekto procesoriaus grupė: „Qualcomm“ | Galinės kameros jutiklio dydis: 1/1.31 | Galinės kameros rezoliucija (skaitmeninė): 50 | Antros galinės kameros rezoliucija (skaitmeninė): 50 | Trečios galinės kameros skiriamoji geba (skaitmeninė): 50 | Galinės kameros apertūros skaičius: 1.67 | Antros galinės kameros apertūros skaičius: 3 | Trečios galinės kameros diafragmos numeris: 2.4 | Galinės kameros vaizdo elemento dydis (technologija „Quad Pixel“): 2.4 | Antrosios galinės kameros židinio nuotolis: 115 | Trečiosios galinės kameros židinio nuotolis: 18 | Galinės kameros objektyvo elementai: 6 elementų objektyvas | Antrosios galinės kameros objektyvo elementai: 4 elementų objektyvas | Priekinės kameros tipas: Viena kamera | Priekinės kameros rezoliucija (skaitmeninė): 32 | Galinės kameros blykstė: Taip | Blykstės tipas: LED | Video fiksavimo rezoliucija (maksimali): 7680 x 4320 | Maksimalus kadrų dažnis: 1920 | Rezoliucija pagal fiksavimo greitį: 1280x720@120fps/1280x720@1920fps/1280x720@240fps/1280x720@30fps/1280x720@480fps/1280x720 | Vaizdo įrašymo režimai: 1080p/2160p/4320p/720p | Galinės kameros tipas: Trigubas fotoaparatas | Automatinis fokusavimas: Taip | Kameros didelio dinaminio diapazono (HDR) režimas: Taip | Laiko tarpų režimas: Taip | Vaizdo stabilizatoriaus tipas: Optical Image Stabilization (OIS) | Vaizdo stabilizatorius: Taip | Automatinis laikmatis: Taip | Naktinis rėžimas: Taip | Makrofotografija: Taip | Panorama: Taip | Portreto režimas: Taip | Sulėtinto filmavimo greitis: 720p (1280x720) at 120fps / 240fps / 480fps / 960fps / 1920fps1080p (1920x1080) at 120fps / 240fps / 960fps | Sulėtinto filmavimo režimas: Taip | Vietos SIM kortelėms: Dviguba SIM jungtis | Mobiliojo tinklo generavimas: 5G | SIM kortelės tipas: „NanoSIM“ + „eSIM“ | 3G standartai: WCDMA | 4G standartai: LTE-TDD & LTE-FDD | 5G standartas: Sub6 NSA/Sub6 SA | „Wi-Fi“ standartas: Wi-Fi 7 (802.11be) | Wi-Fi standartai: 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: Taip | Bluetooth versija: 6.0 | „aptX“ technologija: Taip | Bluetooth profiliai: AAC/APTX/APTX-Adaptive/APTX-HD/LC3/LDAC/LHDC/SBC | Dažnių juosta: Dviejų dažnio juostų | „Miracast“: Taip | „Wi-Fi Direct“: Taip | MIMO: Taip | Mažo nuotolio radijo ryšys (NFC): Taip | USB jungtis: C tipo USB | Ausinių jungtis: C tipo USB | Trumpųjų pranešimų paslauga (SMS): Taip | El. paštas: Taip | GPS (palydovinis): Taip | NavIC: Taip | „BeiDou“: Taip | GLONASS: Taip | „Galileo“: Taip | „Quasi-Zenith Satellite System“ (QZSS): Taip | Elektroninis kompasas: Taip | GPS:

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Taip | „Wi-Fi“ padėties nustatymas: Taip | Video skambutis: Taip | Spartusis įkrovimas: Taip | Belaidis įkrovimas: Taip | Belaidžio įkrovimo galia: 50 | Sparčiojo įkrovimo technologija: Hypercharge/Power Delivery 2.0/Power Delivery 3.0 | Pirštų antspaudų skaitytuvas: Taip | Veido atpažinimas: Taip | Mikrofonų kiekis: 3 | Audio sistema: Dolby Atmos | Garsiakalbiai: Stereo | Palaikomi audio formatai: AAC/AMR/APE/AWB/FLAC/MP3/OGG/WAV | Palaikomi vaizdo formatai: 3GP/MKV/MP4/WEBM | Platforma: Android | Operacinės sistemos atšaka: HyperOS 3 | Programėlės platinimo platforma: Google Play | Akumuliatoriaus veikimo ciklų skaičius: 1000 | Baterijos talpa: 6500 | Energijos efektyvumo klasė: A | Energijos efektyvumo skalė: Nuo A iki G | Akumuliatoriaus veikimo trukmė vienam ciklui: 4020 | Pakartotinio laisvojo kritimo patikimumo klasė: A | Taisomumo klasė: C | Tarptautinės apsaugos (IP) kodas: IP68 | Akcelerometras: Taip | Aplinkos šviesos jutiklis: Taip | Artimumo jutiklis: Taip | Giroskopas: Taip | Mirgėjimo jutiklis: Taip | „USB Power Delivery“: Taip | Infraraudonųjų spindulių jutiklis: Taip | Reikalinga įkrovimo galia (didž.): 100 | Reikalinga įkrovimo galia (maž.): 10 | Spalvinės temperatūros jutiklis: Taip | USB „Type-C“ įkrovimo lizdas: Taip | Plotis: 77.82 | Ilgis: 7.9 | Aukštis: 163.33 | Svoris: 218 | Kintamosios srovės adapteris: Ne | Greitos pradžios vadovas: Taip | Garantijos kortelė: Taip | Apsauginis dėklas: Taip | Išstūmimo kaištis: Taip | Pridėti kabeliai: C tipo USB | Energy efficiency class: A | Data Sheet (Link): https://eprel.ec.europa.eu/api/product/2496660/fiches?language=LT | EPREL Version Number: 1 | EPREL Registration Number: 2496660 | Bruto svoris: 0.5125 | Neto svoris: 0.22 | Vienetų skaičius vienoje siuntimo dėžėje: 20 | Vieneto plotis: 9.4 | Vienetų skaičius ant paletės: 0 | Shipping Box Height: 22.1 | Vieneto gylis: 18.5 | Vieneto aukštis: 4.9 | Name: MOBILE PHONE POCO F8 ULTRA/12/256GB BLACK MZB0M3REU POCO | Model name: F8 Ultra

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