

POCO M5

The performance player



MediaTek Helio G99
Advanced 6nm processor



50MP AI triple camera
5MP front camera



90Hz FHD+ DynamicSwitch display
Corning® Gorilla® Glass



5000mAh (typ) battery
18W fast charging

Excel your gaming performance with the speed and intensity

The POCO M5 is powered by the advanced MediaTek Helio G99 processor for a fantastic gaming experience with long-lasting battery. The latest 4G MediaTek Helio chipset is built on the flagship-level TSMC 6nm manufacturing process for power efficiency. It includes an octa-core CPU, with two high-performance Cortex-A76 with a speed up to 2.2GHz, plus an Arm Mali-G57 MC2. The POCO M5 also supports the MediaTek HyperEngine 2.0 Lite. The Game Turbo 5.0 brings software optimization to enable a true gaming experience. It intelligently integrates the chipset, LPDDR4X RAM and UFS 2.2 ROM, and Game Turbo 5.0 to support smoother extended gameplay. With this power and efficiency at your fingertips, you get maximum performance in gaming — a premium experience rarely seen in a value smartphone.

Up your game anywhere with a dynamic display

Featuring the 90Hz DynamicSwitch display, the POCO M5 comes with a fast refresh rate for better gaming experience. It enables to dynamically switch the display refresh rate depending on what you're doing. This saves power and extends battery life while ensuring the best experience no matter for gaming or watching sports and videos. Along with the 240Hz touch sampling rate, POCO M5 will not hold you back in any touch-speed-demanding games. The smartphone's generous 6.58-inch Full HD+ DotDrop display delivers vibrant color accuracy and crisp graphics. The POCO M5 also has premium features like Sunlight display, which lets you bring the fun outdoors to watch videos with friends or play games anywhere.

Seize every moment with advanced camera setup

Boasting a triple-back camera array, POCO M5 is also perfect for those who want to capture life's memorable moments. The triple camera setup comprises a 50MP main camera, a 2MP depth sensor for real-time depth detection, and a 2MP macro camera for incredible close-ups. This setup gives you amazing versatility, so you can take a perfect shot of a tiny insect or capture the excitement of a busy music festival or a night out with friends with clarity and precision. Packing a high-capacity 5,000mAh battery with 18W fast charging, your POCO M5 will always have your back¹. There's no need for low-battery anxiety as you handle all your everyday tasks with ease — playing games, making voice calls, accessing maps, taking photos on the go, and more.

1. 5,000mAh is the typical value. Based on test results from Internal Labs. Actual battery life may vary.

2. Pictures shown on this page are for illustration purpose only. The design of the actual product may vary.

Performance

- MediaTek Helio G99
 - TSMC 6nm manufacturing process
 - CPU: octa-core CPU, up to 2.2GHz
 - GPU: Arm Mali-G57 MC2
- LPDDR4X RAM + UFS 2.2 ROM
- 4GB + 64GB, 4GB + 128GB, 6GB + 128GB
- Supports expandable storage up to 1TB

Display

- 6.58" FHD+ DotDrop display
- Resolution: 2408 x 1080 FHD+
- Aspect ratio: 20:9
- Refresh rate: 30/60/90Hz
- Touch sampling rate: 240Hz
- Brightness: 500 nits (HBM)
- Contrast ratio: 1500:1
- Corning® Gorilla® Glass

Battery & Charging

- 5000mAh (typ) battery
- 18W fast charging
- 22.5W in-box charger
- USB Type-C cable

Camera

Rear camera

- 50MP main camera
 - Aperture: $f/1.8$
 - AF mode: PDAF
- 2MP macro camera
 - Aperture: $f/2.4$
- 2MP depth camera
 - Aperture: $f/2.4$

Front camera

- 5MP front camera
 - Aperture: $f/2.2$

Design

- Dimensions: 163.99mm x 76.09mm x 8.9mm
- Weight: 201g
- Colors available: Black, Green and Yellow
- Unibody flat edge design

Connectivity

- Dual SIM, dual standby: 4G + 4G
- Supports 4G/3G/2G
- Network bands:
 - 4G: LTE FDD: Band 1/2/3/4/5/7/8/20/28
 - 4G: LTE TDD: Band 38/40/41
 - 3G: WCDMA: Band 1/2/4/5/8
 - 2G: GSM: Band 2/3/5/8
- Wireless Networks:
 - Bluetooth 5.3
 - Wi-Fi Protocol: 802.11 a/b/g/n/ac 2.4G + 5GHz

Others

- Multi-functional NFC
- Side fingerprint sensor
- IR Blaster
- 3.5mm headphone jack