

XIAOMI Poco F6

Xiaomi Poco F6 5G User Manual

Model: Poco F6

Brand: XIAOMI

INTRODUCTION

This manual provides essential information for setting up, operating, and maintaining your Xiaomi Poco F6 5G smartphone. The Poco F6 5G is a high-performance device featuring a Snapdragon 8s Gen 3 processor, a 6.67-inch 120Hz Flow AMOLED display, and a 50MP camera system. Please read this manual thoroughly to ensure optimal use of your device.

WHAT'S IN THE BOX

- Phone Case
- Wall Charger 90w
- Fast Car Charger 51w
- SIM Tray Ejector
- USB Cable

SETUP

SIM Card Installation

The Xiaomi Poco F6 5G supports dual Nano SIM cards. To install your SIM card(s):

1. Locate the SIM tray on the side of the device.
2. Insert the provided SIM tray ejector tool into the small hole next to the tray and press firmly until the tray ejects.
3. Place your Nano SIM card(s) into the tray with the gold contacts facing down. Ensure they are correctly seated.
4. Carefully reinsert the SIM tray into the device until it clicks into place.

Network Compatibility: This device is designed for use on T-Mobile, Mint, Tello, Lyca Mobile, or any network operating under the T-Mobile infrastructure in the USA. It is a Global Unlocked Dual SIM device, supporting 5G + 4G VoLTE worldwide.

Initial Power-On and Charging

To power on your device for the first time, press and hold the Power button located on the side until the Xiaomi logo appears. It is recommended to fully charge your device before initial use.

- Connect the USB cable to the phone's USB-C port.
- Connect the other end of the USB cable to the 90W Wall Charger.
- Plug the wall charger into a power outlet.

The device supports 90W turbo charging for rapid battery replenishment.

OPERATING YOUR DEVICE

Display Features

The Poco F6 5G features a 6.67-inch CrystalRes 1.5K Flow AMOLED DotDisplay. Key display characteristics include:

- **Refresh Rate:** Up to 120Hz for smooth scrolling and animations.
- **Touch Sampling Rate:** Up to 480Hz, with 2160Hz instant touch sampling rate for responsive interaction.
- **Brightness:** 500 nits (typical), 1000-1200 nits (HBM), 2400 nits (peak brightness) for clear visibility in various lighting conditions.
- **Resolution:** 2712 x 1220 pixels (446 PPI).
- **Color Gamut:** 100% DCI-P3 wide color gamut, supporting 68 billion colors.
- **Protection:** Corning Gorilla Glass Victus for enhanced durability.
- **Visual Enhancements:** Dolby Vision, HDR 10+, Original Color PRO, Pro HDR display, 16x super resolution touch, Sunlight display, Reading mode, Cycle mode.
- **Eye Comfort:** TÜV Low Blue Light (Hardware Solution) Certification, TÜV Flicker Free Certification, TÜV Circadian Friendly Certification.

Performance

Powered by the flagship Snapdragon 8s Gen 3 Mobile Platform (TSMC's 4nm process), the Poco F6 5G delivers next-level performance.

- **CPU:** Octa-core processor, up to 3.0GHz (1x Cortex-X4@3.0GHz + 4x A720@2.8GHz + 3x A520@2.0GHz).
- **GPU:** Adreno GPU.
- **AI:** Qualcomm AI Engine.
- **Memory & Storage:** LPDDR5X RAM and UFS 4.0 storage for higher read/write speeds and smoother multitasking.
- **Gaming:** WildBoost Optimization 3.0 and Super Resolution Rendering for enhanced mobile gaming.

Camera System

Capture high-quality photos and videos with the advanced camera system:

- **50MP Main Camera:** Sony IMX882 sensor, f/1.59 aperture, 1.6µm large pixel (4-in-1), 6p lens, with Optical Image Stabilization (OIS).

- **8MP Ultra-Wide Camera:** IMX355 sensor.
- **Rear Camera Video Recording:** 4K at 30fps / 60fps, 1080p at 30fps / 60fps, 1080p slow motion at 120fps / 240fps, 720p at 30fps, 720p slow motion at 120fps / 240fps. Features include Slow motion and Time-lapse.
- **20MP Front Camera:** OV20B (1/4" sensor size), f/2.2 aperture, 4p lens.
- **Front Camera Video Recording:** 1080p at 60fps / 30fps, 720p at 30fps.

Audio and Sensors

- **Audio:** Dual speakers with Dolby Atmos certification, Hi-Res Audio certification, Hi-Res Wireless Audio certification. Supports MP3, FLAC, APE, AAC, OGG, WAV, AMR, AWB formats.
- **Sensors:** Proximity sensor, Ambient light sensor, Accelerometer, Electronic compass, IR blaster, Gyroscope, X-axis linear vibration motor.
- **Navigation:** GPS (L1), GLONASS (G1), Beidou (B1), Galileo (E1), QZSS (L1).

Operating System

The Xiaomi Poco F6 5G runs on **Xiaomi HyperOS**, providing a smooth and intuitive user experience.

MAINTENANCE

Battery Care

The device is equipped with a 5000mAh (typical) battery. To maximize battery life:

- Avoid extreme temperatures.
- Use the provided 90W charger for optimal charging speed and safety.
- Consider enabling battery saver modes when not in active use.

Software Updates

Regularly check for and install software updates to ensure your device has the latest features, security patches, and performance improvements. You can usually find this option in the 'Settings' menu under 'About phone' or 'System updates'.

General Device Care

- Keep your device clean using a soft, lint-free cloth.
- Avoid exposing the device to water or excessive moisture.
- Use a protective case and screen protector to prevent physical damage.

TROUBLESHOOTING

Common Issues

- **Device unresponsive:** Press and hold the Power button for about 10 seconds to force a restart.
- **App crashes:** Clear the app's cache or reinstall the app. If the issue persists, consider a factory reset (back up your data first).
- **Network connectivity issues:** Ensure your SIM card is properly inserted and your mobile data is enabled. Check your APN (Access Point Name) settings, which can usually be found with a quick online search for your specific carrier.

Factory Reset

A factory reset will erase all data from your device and restore it to its original factory settings. This can resolve persistent software issues. **Always back up your data before performing a factory reset.**

SPECIFICATIONS

Feature	Detail
Model Name	Poco F6
Brand	XIAOMI
Operating System	Powered by Xiaomi HyperOS
CPU Model	Snapdragon 8s Gen 3
CPU Speed	3 GHz
RAM	12 GB
Memory Storage Capacity	512 GB
Screen Size	6.67 Inches
Resolution	2712 x 1220
Refresh Rate	120 hertz
Main Camera	50MP
Front Camera	20MP
Battery Capacity	5000 Milliamp Hours
Charging	90W Turbo Charging
Product Dimensions	2.91 x 6.3 x 0.31 inches
Item Weight	6 ounces
Connectivity	5G, 4G LTE, Wi-Fi, Bluetooth, GPS

PRODUCT IMAGES



Figure 1: Front and back view of the Xiaomi Poco F6 5G smartphone in black.



Figure 2: The Xiaomi Poco F6 5G displaying its certification details, including model number 23113RKC6G and FCC ID 2AFZZRKC6G.

PRODUCT VIDEOS

Your browser does not support the video tag.

Video 1: A comparison between the Poco F6 and Poco F6 Pro smartphones, highlighting their differences in design, specifications, and performance. This video is provided by a seller.

WARRANTY AND SUPPORT

Your Xiaomi Poco F6 5G is covered by a manufacturer's warranty. For detailed warranty information, technical support, or service inquiries, please visit the official Xiaomi support website or contact their customer service. Keep your proof of purchase for warranty claims.

Manufacturer: Xiaomi

Online Support: For the latest support resources, FAQs, and contact options, please visit the official Xiaomi website.