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> XIAOMI Poco X8 Pro Max 5G Smartphone User Manual

XIAOMI Poco X8 Pro MAX

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1. INTRODUCTION

This manual provides essential information for the proper setup, operation, maintenance, and troubleshooting of your XIAOMI Poco X8 Pro Max 5G smartphone. Please read this guide thoroughly to ensure optimal performance and longevity of your device.



Figure 1: XIAOMI POCO X8 Pro Max 5G Smartphone (Black)

POCO X8 Pro Max

Speed to the max



Figure 2: XIAOMI POCO X8 Pro Max 5G Smartphones (Multiple Colors)

2. WHAT'S IN THE BOX

Upon unboxing your XIAOMI POCO X8 Pro Max 5G, verify that all the following items are included:

- XIAOMI POCO X8 Pro Max 5G Smartphone
- Power Adapter (100W)
- USB Type-C Cable
- Phone Case
- SIM Ejector Tool
- Quick Start Guide and Warranty Card

3. SETUP

3.1. SIM Card Installation

The Poco X8 Pro Max 5G supports Dual SIM (nano SIM + nano SIM or nano SIM + eSIM). Use the provided SIM ejector tool to open the SIM tray. Insert your nano SIM card(s) into the tray. Ensure the SIM card is correctly oriented before reinserting the tray into the device.

3.2. Network Compatibility

This device is designed for specific network compatibility. Please review the following chart to confirm your carrier is supported.

WARNING
PLEASE CHECK IF YOUR CARRIER IS COMPATIBLE WITH THE PHONE
GSM UNLOCKED



COMPATIBLE	NOT COMPATIBLE
	
T-MOBILE MINT TELLO ULTRA	VERIZON AT&T XFINITY BOOST VIRGIN VISIBLE CRICKET OTHER CDMA CARRIER
OUTSIDE USA FUERA DE USA	

Figure 3: Carrier Compatibility Information

Compatible Carriers (USA): T-Mobile, Mint, Tello, Ultra. Works with any GSM carrier outside the USA. The phone requires a pre-activated SIM card. FCC ID: 2AFZZPC0AG.

Not Compatible Carriers (USA): Verizon, AT&T, Xfinity, Boost, Virgin, Visible, Cricket, and other CDMA carriers.

3.3. Initial Power On

Press and hold the power button located on the side of the device until the XIAOMI logo appears. Follow the on-screen instructions to complete the initial setup, including language selection, Wi-Fi connection, and account setup.

3.4. Charging the Device

Connect the USB Type-C cable to the phone's charging port and the other end to the 100W power adapter. Plug the adapter into a power outlet. The device supports 100W HyperCharge for rapid charging. Smart charging features are integrated to optimize battery health and temperature.

3.5. Screen Protector

The device comes with a pre-installed screen protector. If you choose to replace it with a third-party protective film or tempered glass screen protector, be aware that it could potentially affect your ability to unlock the screen using the in-display fingerprint sensor.

4. OPERATING YOUR DEVICE

4.1. Display Features

The Poco X8 Pro Max 5G features a 6.83-inch 1.5K 120Hz AMOLED display with a resolution of 2772 x 1280 pixels. It offers a contrast ratio of 8,000,000:1 and a peak brightness of 3500 nits (HBM brightness: 2000 nits, Typical brightness: 800 nits). The display supports 12-bit color depth, 68 billion colors, DCI-P3 wide display 2.0, HDR10+, and Dolby Vision. It is TÜV Rheinland Low Blue Light (Hardware Solution) Certified, Flicker Free Certified, and Circadian Friendly Certified, and protected by Corning Gorilla Glass 7i.

4.2. Biometric Security

The device includes an ultrasonic in-display fingerprint sensor for secure unlocking. Additionally, AI Face Unlock is available for convenient access.

4.3. Operating System

The smartphone runs on HyperOS based on Android 16, providing a smooth and intuitive user experience.

4.4. Camera Usage

The device is equipped with a 50MP main camera featuring a Light Fusion 600 image sensor, 1.6µm 4-in-1 Super Pixel, f/1.5 aperture, 1/1.95" sensor size, 6P lens, and Optical Image Stabilization (OIS). An 8MP ultra-wide camera with f/2.2 aperture is also included. Rear camera photography features include Dynamic shots, Motion capture, Documents mode, Motion tracking focus, Portrait mode, Pro mode, 50MP mode, Voice shutter, HDR, Panorama, Long exposure, and Timed burst. Video recording supports 4K (3840x2160) at 30/60 fps, 1080p at 30/60 fps, and 720p at 30 fps, with slow-motion options.

4.5. Connectivity

The Poco X8 Pro Max 5G supports Wi-Fi 7/6/5/4 and 802.11 a/b/g, including Multi-Link Operation, 2x2 MIMO, 8x8 Sounding for MU-MIMO, Wi-Fi Direct, and Miracast. Bluetooth 6.0 with Dual-Bluetooth supports SBC / AAC / LDAC / LHDC 5.0 / LC3 / ASHA / Auracast. NFC functionality is also available.

5. MAINTENANCE

5.1. Cooling System

The device incorporates a POCO 3D IceLoop cooling system with a 5800mm² ultra-large LHP area and an 11000mm² graphite layer to efficiently dissipate heat and maintain performance, especially during intensive tasks like gaming.

5.2. Battery Care

The massive 8500mAh (typical) battery provides extended usage. To prolong battery life, utilize the smart charging feature which intelligently adjusts charging speed based on battery level, temperature, and app usage. Avoid exposing the device to extreme temperatures.

5.3. Cleaning and Storage

Clean the device with a soft, dry cloth. Avoid using harsh chemicals or abrasive materials. Store the device in a cool, dry place away from direct sunlight and extreme temperatures.

6. TROUBLESHOOTING

6.1. Device Not Powering On

- Ensure the battery is charged. Connect the device to the charger for at least 30 minutes.
- Press and hold the power button for 10-15 seconds to force a restart.

6.2. Network Connectivity Issues

- Verify your SIM card is correctly inserted and activated.
- Check if your carrier is compatible with the device (refer to Section 3.2).
- Toggle Airplane Mode on and off.
- Reset network settings in the device's settings menu.

6.3. Fingerprint Sensor Not Working

- Ensure your finger is clean and dry.
- Re-register your fingerprints in the security settings.
- If using a third-party screen protector, it might interfere with the sensor.

6.4. Overheating

- Close background applications that consume high resources.
- Avoid using the device in direct sunlight or hot environments.
- Ensure the device's cooling vents (if any) are not obstructed.

7. SPECIFICATIONS

Feature	Specification
Brand	XIAOMI
Model Name	Poco X8 Pro MAX 5G
Operating System	HyperOS Base on Android 16
Processor	MediaTek Dimensity 9500s (3nm process, up to 3.73GHz)
RAM Memory	12 GB
Storage Capacity	512 GB

Feature	Specification
Screen Size	6.83 Inches
Display Type	AMOLED
Resolution	2772 x 1280 Pixels
Refresh Rate	120 Hz
Peak Brightness	3500 nits
Main Camera	50 MP with OIS
Ultra-wide Camera	8 MP
Battery Capacity	8500 mAh (typical)
Charging	100W HyperCharge, USB Type-C, 27W Reverse Charging
SIM Card Slot Count	Dual SIM (nano SIM + nano SIM or nano SIM + eSIM)
Biometric Security	Ultrasonic In-display Fingerprint Recognition, AI Face Unlock
Wireless Technology	5G, Wi-Fi 7/6/5/4, Bluetooth 6.0, NFC
GPS	Beidou, GPS, Galileo, GLONASS, QZSS, NavIC
Sensors	Proximity, Ambient light, Accelerometer, Electronic compass, Gyroscope, IR blaster, Flicker sensor, X-axis linear vibration motor
Cooling System	POCO 3D IceLoop (5800mm ² LHP, 11000mm ² graphite)
Model Year	2026

8. WARRANTY AND SUPPORT

8.1. Product Warranty

The XIAOMI Poco X8 Pro Max 5G comes with a 30-day warranty from the date of purchase. Please retain your proof of purchase for any warranty claims.

8.2. Software Updates

XIAOMI provides 4 years of OS updates and 6 years of security patches for the Poco X8 Pro Max 5G, ensuring your device remains up-to-date and secure for an extended period.

8.3. Customer Support

For further assistance, technical support, or service inquiries, please refer to the official XIAOMI support channels or visit their website. Contact information can typically be found in the Quick Start Guide or on the manufacturer's

official website.