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# Xiaomi Poco X7 5G User Manual

Model: 24095PCADG

Brand: Xiaomi

## 1. INTRODUCTION

The Xiaomi Poco X7 5G is a powerful smartphone designed for high performance and an exceptional user experience. Featuring the Dimensity 7300-Ultra processor, a CrystalRes 1.5K 120Hz AMOLED curved display, and a 50MP main camera with OIS, it delivers speed, clarity, and stunning visuals. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your device.



Figure 1: Xiaomi Poco X7 5G - Front and Back View



Figure 2: Xiaomi Poco X7 5G - Angled View



Figure 3: Xiaomi Poco X7 5G - Rear View

## 2. WHAT'S IN THE Box

Your Xiaomi Poco X7 5G package includes the following items:

- Xiaomi Poco X7 5G Smartphone
- Fast Car Charger
- Adapter
- Phone Case

- USB Cable



Figure 4: Package Contents

## 3. INITIAL SETUP

### 3.1. SIM Card Installation

1. Locate the SIM card tray on the side of your device.
2. Insert the SIM ejector tool into the small hole next to the tray and push gently until the tray pops out.
3. Place your Nano-SIM card(s) into the designated slots on the tray. This device supports Dual SIM (SIM 1 + Hybrid SIM or MicroSD). Note: MicroSD is not supported for storage expansion.
4. Carefully reinsert the tray into the phone.

### 3.2. Charging the Device

Before first use, it is recommended to fully charge your Poco X7 5G. Use the provided 45W turbo charger and

USB cable.

1. Connect the USB cable to the adapter.
2. Plug the adapter into a power outlet.
3. Connect the USB cable to the charging port on your phone.
4. The charging indicator will appear on the screen.

### 3.3. Powering On/Off

- **To Power On:** Press and hold the Power button (located on the side) until the Xiaomi logo appears.
- **To Power Off:** Press and hold the Power button, then select 'Power off' from the options on the screen.
- **To Restart:** Press and hold the Power button, then select 'Restart' from the options.

### 3.4. Initial Setup Wizard

Upon first power-on, the device will guide you through an initial setup process. Follow the on-screen prompts to:

- Select your language and region.
- Connect to a Wi-Fi network.
- Sign in with your Google account.
- Set up screen lock (PIN, pattern, fingerprint, AI Face Unlock).
- Restore data from a previous device (optional).

## 4. OPERATING YOUR DEVICE

### 4.1. Display Features

The Poco X7 5G features a 6.67-inch CrystalRes AMOLED display with a resolution of 2712 x 1220 (1.5K). It offers a refresh rate of up to 120Hz and a touch sampling rate of up to 480Hz (2560Hz instant touch sampling rate) for smooth interactions.

- **Brightness:** The display boasts a peak brightness of 3000 nits, ensuring clear visibility even in direct sunlight. It also features 20,000 levels of brightness adjustment.
- **Eye Comfort:** With 1920Hz PWM dimming and Triple TÜV Rheinland certifications (Low Blue Light, Circadian Friendly, Flicker Free), the display is designed for all-day eye comfort.
- **Wet Touch:** The upgraded Wet Touch technology enhances touch accuracy, allowing for precise control even with wet or oily fingers.

# Pantalla CrystalRes de 1,5 K

## Pantalla superbrillante de 3000 nits



**6.67-inch**  
Flow AMOLED

**2712×1220**  
Resolution

**5,000,000:1**  
Contrast ratio

**12-bit**  
Colour depth

**446PPI**  
Retina display

**100% DCI-P3**  
Wide colour gamut

Figure 5: CrystalRes Display Specifications

## 4.2. Camera System

The Poco X7 5G is equipped with a versatile triple camera system and a high-resolution front camera.

- **Main Camera:** 50MP with OIS (Optical Image Stabilization) and f/1.5 aperture, featuring 4-in-1 binning into one large 1.6µm pixel for excellent low-light performance.
- **Ultra-wide Camera:** 8MP with f/2.2 aperture.
- **Macro Camera:** 2MP with f/2.4 aperture.
- **Front Camera:** 20MP with f/2.2 aperture, featuring a soft-light ring for improved selfies.

### Video Recording:

- Rear Camera: 4K at 24/30fps, 1080p at 30/60fps, 720p at 30fps. Slow motion: 1080p at 120fps, 720p at 120/240fps.
- Front Camera: 1080p at 30/60fps, 720p at 30fps.

# La cámara Sony LX882

con una resolución de 50 MP y una gran apertura de f/1,5, mejora significativamente la calidad de la imagen en condiciones de poca luz.



Figure 6: Camera System Overview

## 4.3. Performance

Powered by the Dimensity 7300-Ultra processor, built on a flagship TSMC 4nm process, the Poco X7 5G offers robust performance. Its 4+4 octa-core configuration combines powerful processing with optimized power consumption for seamless multitasking and demanding applications. An extra-large 13780mm<sup>2</sup> graphite cooling area ensures stable and consistent performance during extended use.

## 4.4. Connectivity

The device supports a wide range of connectivity options:

- Network:** 5G (Sub6G: n1/3/5/7/8/20/28/38/40/41/77/78), 4G LTE (FDD: B1/2/3/4/5/7/8/20/28/66; TDD: B38/40/41), 3G (WCDMA: 1/2/4/5/8/19), 2G (GSM: Quad Band).
- Wi-Fi:** Wi-Fi 6/Wi-Fi 5/Wi-Fi 4/802.11a/b/g, supports 2.4GHz and 5GHz Wi-Fi, Wi-Fi Direct.
- Bluetooth:** Bluetooth 5.4.
- Navigation:** Beidou (B1I), GPS (L1), Galileo (E1), GLONASS (G1), QZSS (L1), A-GPS supplementary positioning.
- Other:** NFC (Near Field Communication) for contactless payments and data transfer.

## 5. KEY FEATURES

The Poco X7 5G integrates several advanced features for enhanced usability:

- **Operating System:** HyperOS based on Android 14.
- **Battery:** 5110mAh (typ) ultra-large battery with 45W turbo charging for reliable, worry-free power.
- **Durability:** IP68 dust and water resistance, providing flagship-level protection against elements.
- **Security:** In-screen fingerprint sensor and AI Face Unlock for convenient and secure access.
- **Sensors:** Proximity sensor, Ambient light sensor, Accelerometer, Electronic compass, IR blaster, Gyroscope, X-axis linear motor.
- **Audio:** 3.5 mm audio jack.



Figure 7: Feature Highlights

# Fusión de dos tonos Resalta tu individualidad



Figure 8: Two-tone Design Fusion

## 6. MAINTENANCE

### 6.1. Battery Care

- Avoid exposing the device to extreme temperatures (hot or cold) as this can degrade battery life.
- Use only the original or certified chargers and cables.
- For optimal battery longevity, avoid frequently draining the battery completely or keeping it at 100% charge for extended periods.

### 6.2. Cleaning Your Device

- Gently wipe the screen and body with a soft, lint-free cloth.
- For stubborn smudges, slightly dampen the cloth with water or a screen cleaner.
- Avoid using harsh chemicals, abrasive materials, or aerosol sprays.

## 6.3. 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 Settings > About phone > System update.

# 7. TROUBLESHOOTING

This section addresses common issues you might encounter with your Poco X7 5G.

## 7.1. Device Not Powering On

- Ensure the battery is charged. Connect the charger and wait a few minutes before attempting to power on.
- Press and hold the Power button for at least 10-15 seconds to force a restart.

## 7.2. Network Connectivity Issues

- Check if your SIM card is properly inserted and activated.
- Toggle Airplane Mode on and off.
- Restart your device.
- Go to Settings > SIM cards & mobile networks and ensure your preferred network type is selected.

## 7.3. Apps Crashing or Freezing

- Close the app and reopen it.
- Clear the app's cache and data (Settings > Apps > Manage apps > [App Name] > Clear data).
- Ensure the app is updated to its latest version from the Google Play Store.
- Restart your phone.

## 7.4. Fingerprint Sensor Not Working

- Ensure your finger and the screen are clean and dry.
- Re-register your fingerprints in Settings > Password & security > Fingerprint unlock.

# 8. TECHNICAL SPECIFICATIONS

Feature	Specification
Model Name	Poco X7 5G
Item Model Number	24095PCADG

Feature	Specification
Brand	Xiaomi
Operating System	HyperOS Base on Android 14
CPU Model	Cortex A7
CPU Speed	2.5 GHz
Screen Size	6.67 Inches
Resolution	2712 x 1220
RAM Memory Installed Size	8 GB
Memory Storage Capacity	256 GB
Battery Capacity	5110 Milliamp Hours
Connectivity Technologies	5G, 4G LTE
Special Features	4K Video Recording
Human Interface Input	Touchscreen
Audio Jack	3.5 mm
Color	Black
Item Weight	1.1 pounds
Package Dimensions	7.05 x 3.66 x 2.48 inches
Manufacturer	Xiaomi
Country of Origin	China

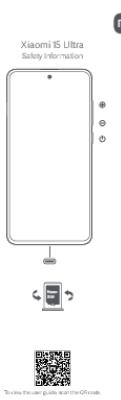
## 9. WARRANTY AND SUPPORT

For detailed warranty information, please refer to the warranty card included with your product or visit the official Xiaomi website. Keep your proof of purchase for warranty claims.

For technical support, software updates, and frequently asked questions, please visit the official Xiaomi support page or contact their customer service. You can find more information on the [Xiaomi Store on Amazon](#).

## Related Documents - 24095PCADG

  <b>Repair Manual</b>  <small>Version: 0.1.0   <a href="http://www.mi.com/service/">http://www.mi.com/service/</a></small>	<p><a href="#"><u>Xiaomi POCO F7 Ultra Repair Manual: Disassembly and Assembly Guide</u></a></p> <p>Official repair manual for the Xiaomi POCO F7 Ultra (O11U) by Beijing Xiaomi Technology Co., Ltd. This guide provides detailed step-by-step instructions for disassembly, assembly, component identification, tools, and quality inspection for mobile phone repair.</p> <p><small>Version: 0.1.0   <a href="http://www.mi.com/service/">http://www.mi.com/service/</a></small></p>
  <small>Version: 0.1.0   <a href="http://www.mi.com/service/">http://www.mi.com/service/</a></small>	<p><a href="#"><u>Xiaomi Mi 18W EU Charger User Manual: MDY-10-EF Fast Charging Guide</u></a></p> <p>Learn how to use the Xiaomi Mi 18W EU Charger (MDY-10-EF) for fast charging your smartphone. This user manual covers features, compatibility, safety, troubleshooting, and warranty for this QC 3.0 compatible charger.</p> <p><small>Version: 0.1.0   <a href="http://www.mi.com/service/">http://www.mi.com/service/</a></small></p>
  <b>Repair Manual</b>  <small>Version: 0.1.0   <a href="http://www.mi.com/service/">http://www.mi.com/service/</a></small>	<p><a href="#"><u>Xiaomi Repair Manual - Comprehensive Device Disassembly and Assembly Guide</u></a></p> <p>A detailed repair manual for Xiaomi devices, providing step-by-step instructions for disassembly, assembly, tool preparation, and quality inspection. Includes parts lists and essential safety precautions for servicing.</p> <p><small>Version: 0.1.0   <a href="http://www.mi.com/service/">http://www.mi.com/service/</a></small></p>
  <b>Quick Start Guide</b>  <small>Be sure to read this manual before use</small>  <small>Version: 0.1.0   <a href="http://www.mi.com/service/">http://www.mi.com/service/</a></small>	<p><a href="#"><u>Xiaomi 14T Quick Start Guide: Setup, Features, and Safety Information</u></a></p> <p>This guide provides essential information for setting up and using the Xiaomi 14T smartphone, including packaged items, part identification, basic operations, and important safety precautions.</p> <p><small>Version: 0.1.0   <a href="http://www.mi.com/service/">http://www.mi.com/service/</a></small></p>
  <small>Mi Note 10 Lite <a href="http://www.mi.com/service/">www.mi.com/service/</a></small>	<p><a href="#"><u>Xiaomi Mi Note 10 Lite User Guide and Safety Information</u></a></p> <p>Comprehensive user guide and safety, regulatory, and environmental information for the Xiaomi Mi Note 10 Lite smartphone (model M2002F4LG).</p>



## [Xiaomi 15 Ultra Safety Information & Regulatory Compliance | Xiaomi](#)

Essential safety information, regulatory compliance (EU, FCC), SAR guidelines, and usage precautions for the Xiaomi 15 Ultra (25010PN30G) by Xiaomi Communications Co., Ltd.