

Xiaomi 2312DRA50G

Xiaomi Redmi Note 13 Pro 4G LTE User Manual

Model: 2312DRA50G

1. INTRODUCTION

Welcome to the user manual for your new Xiaomi Redmi Note 13 Pro 4G LTE smartphone. This guide provides essential information to help you set up, operate, and maintain your device, ensuring you get the most out of its advanced features, including the 200MP OIS camera and vibrant AMOLED display.

2. WHAT'S IN THE BOX

Please check the contents of your product package. The standard package for the Xiaomi Redmi Note 13 Pro 4G LTE includes:

- Xiaomi Redmi Note 13 Pro 4G LTE Smartphone
- Wall Adapter
- USB Cable
- Fast Car charger
- SIM Tray Ejector

If any items are missing or damaged, please contact your retailer or Xiaomi customer support.

3. SETUP

3.1 Inserting the SIM Card and MicroSD Card

The Redmi Note 13 Pro supports dual 4G SIM cards or one SIM card and one MicroSD card in its hybrid slot. Use the provided SIM tray ejector tool to open the SIM tray located on the side of the device.

1. Locate the SIM tray on the side of your phone.
2. Insert the SIM tray 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) and/or MicroSD card into the designated slots on the tray, ensuring the gold contacts face downwards.
4. Carefully push the tray back into the phone until it clicks into place.

3.2 Initial Power On and Configuration

To power on your device, press and hold the Power button until the Xiaomi logo appears. Follow the on-screen prompts to complete the initial setup, which includes selecting your language, connecting to a Wi-Fi network, and setting up your Google account.

3.3 Security Setup

Your device offers multiple security options:

- **In-screen Fingerprint Sensor:** Follow the on-screen instructions to register your fingerprints for quick and secure unlocking.
- **AI Face Unlock:** Set up facial recognition for convenient unlocking.
- **PIN/Pattern/Password:** Create a strong PIN, pattern, or password as a primary or backup security method.

4. OPERATING YOUR DEVICE

4.1 Basic Navigation

The Redmi Note 13 Pro runs on Android 13.0. Navigate through the interface using gestures or on-screen buttons. Swipe up from the bottom to go to the home screen, swipe down from the top for notifications and quick settings, and swipe left/right on the home screen to access app pages.

4.2 Charging the Battery

The device features 67W turbo charging. Use the provided wall adapter and USB cable for optimal charging speed. Connect the USB cable to the phone's charging port and the adapter to a power outlet. The battery icon on the screen will indicate charging status.



Image: Bottom view of the Xiaomi Redmi Note 13 Pro, highlighting the USB-C charging port and speaker grille.

4.3 Processor Performance

Powered by the MediaTek Helio G99-Ultra 6nm processor with an Octa-core CPU up to 2.2GHz and Mali-G57 MC2 GPU, the Redmi Note 13 Pro delivers smooth performance for daily tasks, gaming, and multimedia consumption.

5. CAMERA FEATURES

The Xiaomi Redmi Note 13 Pro is equipped with a versatile triple camera system designed to capture high-quality photos and videos.





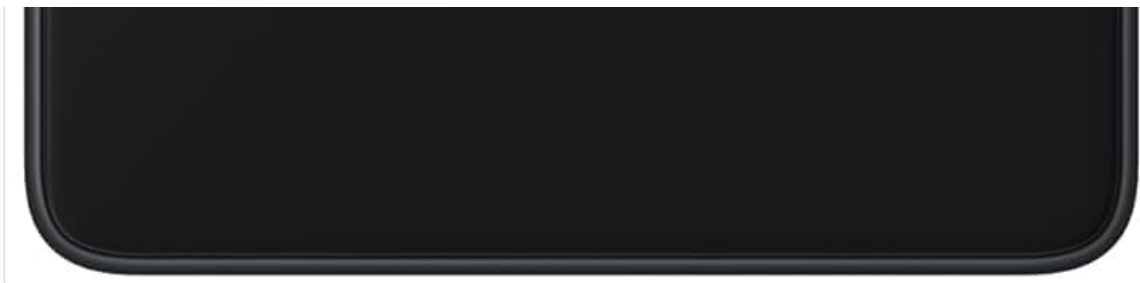


Image: Rear view of the Xiaomi Redmi Note 13 Pro, prominently displaying the triple camera module and '200MP OIS' branding.

5.1 Rear Camera System

- **200MP Main Camera:** Features Optical Image Stabilization (OIS) and EIS for stable imaging. It has an f/1.65 aperture, 2.24µm 16-in-1 Super Pixels, and a 7P lens. Super QPD enables fast and accurate focusing.
- **8MP Ultra-wide Camera:** With an f/2.2 aperture, ideal for capturing broader scenes.
- **2MP Macro Camera:** With an f/2.4 aperture, for detailed close-up shots.

The professional optical 7P lens and ultra-low-reflective optical coating enhance light intake and reduce ghosting, improving image quality in various environments. Up to 16-in-1 pixel binning allows for a maximum pixel size of 2.24µm, beneficial for dynamic night scenes.

5.2 Focal Lengths and Xiaomi Imaging Engine

Easily switch between three different focal lengths without loss in image quality, allowing for versatile framing of iconic scenery, portraits, and close-ups. The Xiaomi Imaging Engine enhances photo capture speed and overall imaging performance.

5.3 Video Recording

The rear camera supports video recording at:

- 1080p (1920x1080) at 30/60fps
- 720p (1280x720) at 30fps

6. DISPLAY FEATURES

Experience stunning visuals on the Redmi Note 13 Pro's advanced display.



Image: Front and back view of the Xiaomi Redmi Note 13 Pro in Midnight Black, showcasing its sleek design.

6.1 6.67" AMOLED Display

The device features a 6.67-inch AMOLED display with a resolution of 2400x1080. It offers a 120Hz high refresh rate, 100% DCI-P3 wide color gamut, 10-bit color depth, and a contrast ratio of 5,000,000:1. Brightness levels reach 500nits (typ), 1000nits (HBM brightness), and 1300nits (peak brightness), ensuring vibrant and clear visuals even in bright sunlight.

6.2 Adaptive High Refresh Rate

The 120Hz adaptive refresh rate intelligently adjusts to different scenarios, optimizing power consumption while providing a smooth viewing experience.

6.3 Eye Comfort Features

The display is designed with user eye comfort in mind:

- **1920Hz PWM Dimming:** Reduces flicker at low brightness levels.

- **4096-level Brightness Adjustment:** Provides smoother and softer brightness transitions.
- **Triple TÜV Rheinland Certifications:** Includes Low Blue Light (Hardware Solution) Certified, Circadian Friendly Certified, and Flicker Free Certified.
- **New Cycle Mode:** Intelligently adapts display color temperature to the time of day and applications, promoting circadian rhythm.

The display is protected by Corning Gorilla Glass 5.

7. CONNECTIVITY

The Redmi Note 13 Pro offers comprehensive connectivity options.

7.1 Network Bands

The device supports a wide range of 4G, 3G, and 2G network bands:

- **4G LTE FDD:** Bands 1/2/3/4/5/7/8/12/13/17/18/19/20/26/28/66
- **4G LTE TDD:** Bands 38/40/41
- **3G WCDMA:** Bands 2/4/5/8
- **2G GSM:** Quad Band

Note: For USA market, this phone is designed to work on T-Mobile, Mint, Tello, or any network under the T-Mobile umbrella. A pre-activated SIM card may be required. Outside the USA, it works with any GSM carrier SIM.

7.2 Positioning

Supports multiple global navigation satellite systems for accurate positioning:

- GPS: L1
- GLONASS: G1
- BDS: B1
- Galileo E1

7.3 Other Connectivity

Includes an IR blaster for controlling compatible home appliances.

8. AUDIO FEATURES

Enjoy an immersive audio experience with your device.

- **Dual Speakers:** Provides rich stereo sound.
- **Dolby Atmos:** Enhances audio with spatial sound.
- **3.5mm Headphone Jack:** For traditional wired audio connections.
- **Hi-Res Audio:** Supports high-resolution audio playback.

9. MAINTENANCE

Proper care and maintenance will extend the life of your Xiaomi Redmi Note 13 Pro.

- **Cleaning:** Use a soft, lint-free cloth to clean the screen and body. Avoid abrasive materials or harsh chemicals.
- **Battery Care:** Avoid extreme temperatures. Do not fully discharge the battery regularly. Use only original or certified chargers.
- **Software Updates:** Keep your device's software updated to ensure optimal performance and security.
- **Storage Management:** Regularly clear unnecessary files and apps to maintain sufficient storage space and device speed.

10. TROUBLESHOOTING

This section addresses common issues you might encounter.

10.1 Network Connectivity Issues

- **No Signal/Poor Signal:** Check if your SIM card is properly inserted. Try restarting the phone. Ensure you are within network coverage.
- **Cannot Connect to Wi-Fi:** Ensure Wi-Fi is enabled. Restart your router. Forget the network and reconnect.

10.2 Charging Problems

- **Phone Not Charging:** Check if the charger and cable are securely connected. Try a different outlet or charger. Inspect the charging port for debris.
- **Slow Charging:** Ensure you are using the original 67W turbo charger. Avoid using the phone heavily while charging.

10.3 Device Performance

- **Phone is Slow/Freezing:** Close background apps. Clear cache. Restart the device. Ensure sufficient storage space.
- **Apps Crashing:** Update the app. Clear the app's cache and data. Reinstall the app.

10.4 Factory Reset

If issues persist, you may consider a factory reset. **Warning:** This will erase all data on your phone. Back up important data before proceeding. Navigate to Settings > About phone > Factory reset.

11. SPECIFICATIONS

Detailed technical specifications for the Xiaomi Redmi Note 13 Pro 4G LTE.






Feature	Specification
Brand	Xiaomi
Model Name	Note 13 4G
Item Model Number	2312DRA50G
Color	Midnight Black Global ROM
Operating System	Android 13.0

Feature	Specification
CPU Speed	2.2 GHz (Octa-core processor)
RAM	8 GB
Memory Storage Capacity	256 GB
Standing Screen Display Size	6.67 Inches
Resolution	2400 x 1080
Scanner Resolution	2400 x 1080
Battery Power Rating	5000 Milliamp Hours
Phone Talk Time	50 Hours
Product Dimensions	3.94 x 1.97 x 0.5 inches
Item Weight	0.018 ounces (0.52 Grams)
Wireless Communication Technologies	Cellular
Connectivity Technologies	Infrared
GPS	True
Human Interface Input	Touchscreen
Audio Jack	3.5 mm
Form Factor	Smartphone
Manufacturer	Xiaomi
Country of Origin	China
Date First Available	January 15, 2024

12. WARRANTY AND SUPPORT

For detailed warranty information, please refer to the warranty card included with your product or visit the official Xiaomi website. Warranty terms and conditions may vary by region and retailer.

For technical support, troubleshooting assistance, or service inquiries, please visit the official Xiaomi support page or contact their customer service. Keep your purchase receipt and product serial number handy for faster service.

	<p>Xiaomi Redmi Note 13 Pro 5G 8/256GB Midnight Black User Manual</p> <p>User manual for the Xiaomi Redmi Note 13 Pro 5G 8/256GB Midnight Black, providing setup instructions, safety information, and regulatory compliance details.</p>
	<p>Xiaomi Redmi Note 13 Pro 5G User Manual</p> <p>User manual for the Xiaomi Redmi Note 13 Pro 5G, 8/256GB, Ocean Teal (MZB0FDMEU). Includes safety information, regulatory compliance, and quick start guide.</p>
	<p>Xiaomi Redmi Note 13 Pro+ 5G User Manual</p> <p>User manual and quick guide for the Xiaomi Redmi Note 13 Pro+ 5G 12/512GB Midnight Black (MZB0FDJEU), including safety information, specifications, and regulatory compliance.</p>
	<p>Dati del Prodotto e Servizio per Telefoni Cellulari Xiaomi</p> <p>Informazioni dettagliate sui dati del prodotto e di servizio raccolti dai telefoni cellulari Xiaomi, in conformità con la Legge sui dati (Data Act). Include dettagli su tipi di dati, finalità, conservazione e accesso.</p>
	<p>Uputstvo za upotrebu XIAOMI Redmi Note 13 Pro+ 5G 12/512GB Midnight Black</p> <p>Ovo je uputstvo za upotrebu za XIAOMI Redmi Note 13 Pro+ 5G 12/512GB Midnight Black (MZB0FEXEU). Sadrži važne informacije o bezbednosti, specifikacije i propise.</p>