realme NARZO 80 Lite 5G

realme NARZO 80 Lite 5G Smartphone User Manual

Model: NARZO 80 Lite 5G (RMX3945)

1. Introduction

This manual provides essential information for the safe and efficient use of your realme NARZO 80 Lite 5G smartphone. Please read this guide thoroughly before operating your device to ensure optimal performance and longevity. The realme NARZO 80 Lite 5G combines a powerful 6000mAh battery with a MediaTek Dimensity 6300 5G processor, an ultra-slim design, AI Assist features, and IP64 water and dust resistance for a robust user experience.



Image 1.1: Front and back view of the realme NARZO 80 Lite 5G smartphone, highlighting its sleek design and camera module.



Image 1.2: Overview of the realme NARZO 80 Lite 5G's primary features, including battery capacity, slim profile, processor, display, and

durability ratings.

2. What's in the Box

Upon unboxing your realme NARZO 80 Lite 5G, please verify that all the following items are included:

- realme NARZO 80 Lite 5G Smartphone
- Power Adapter
- USB Cable
- SIM Tray Ejector
- Phone Case
- Quick Start Guide (may be separate)
- Safety Information (may be separate)

3. Device Overview

Familiarize yourself with the physical components of your realme NARZO 80 Lite 5G.

3.1 Front and Back



Image 3.1: Rear view of the device, featuring the triple camera setup and realme logo.

3.2 Ports and Buttons



Image 3.2: Bottom edge of the phone, illustrating the USB Type-C charging port, speaker grille, and 3.5mm audio jack.

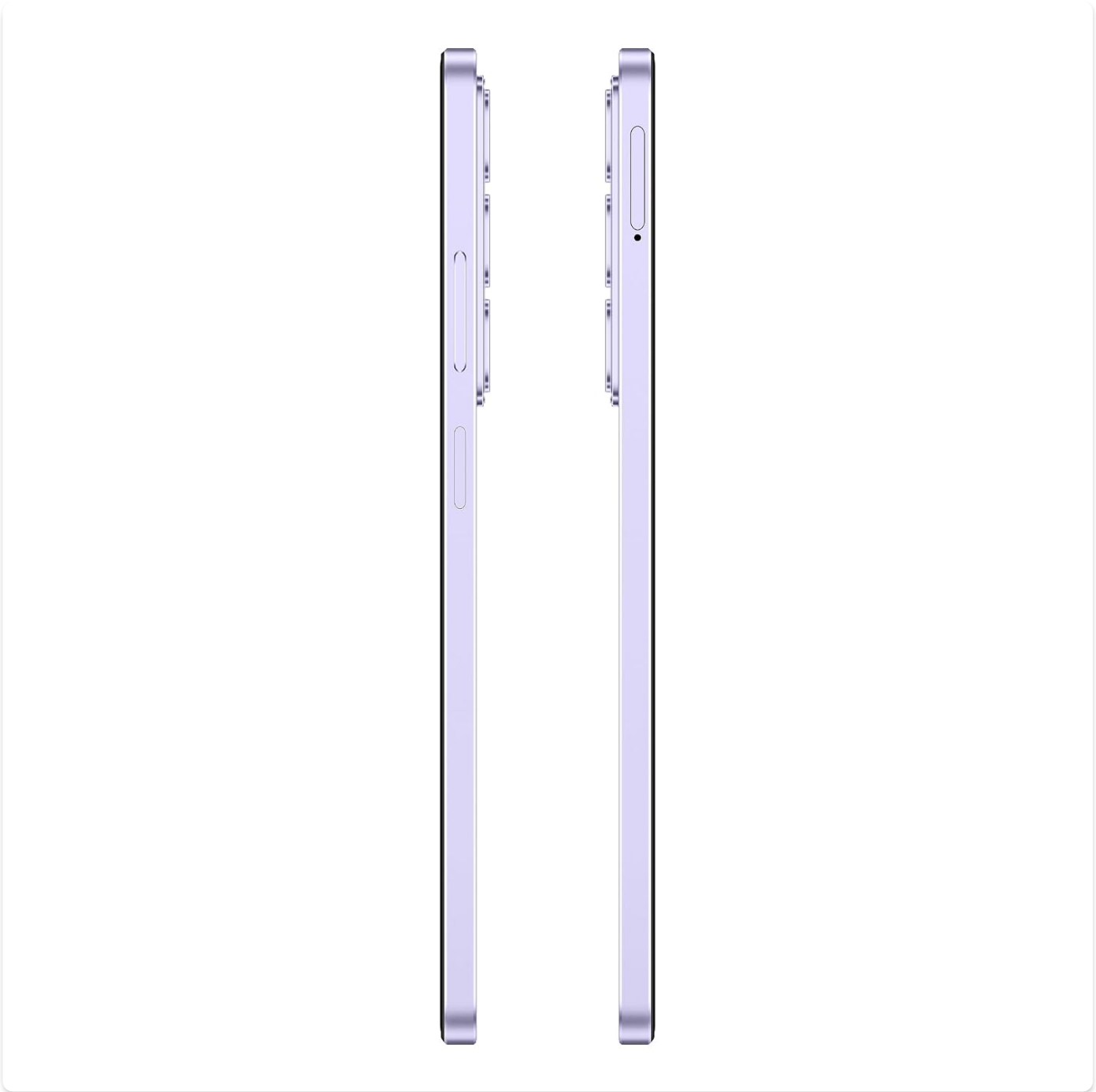


Image 3.3: Side view of the device, indicating the placement of the power button and volume control buttons.

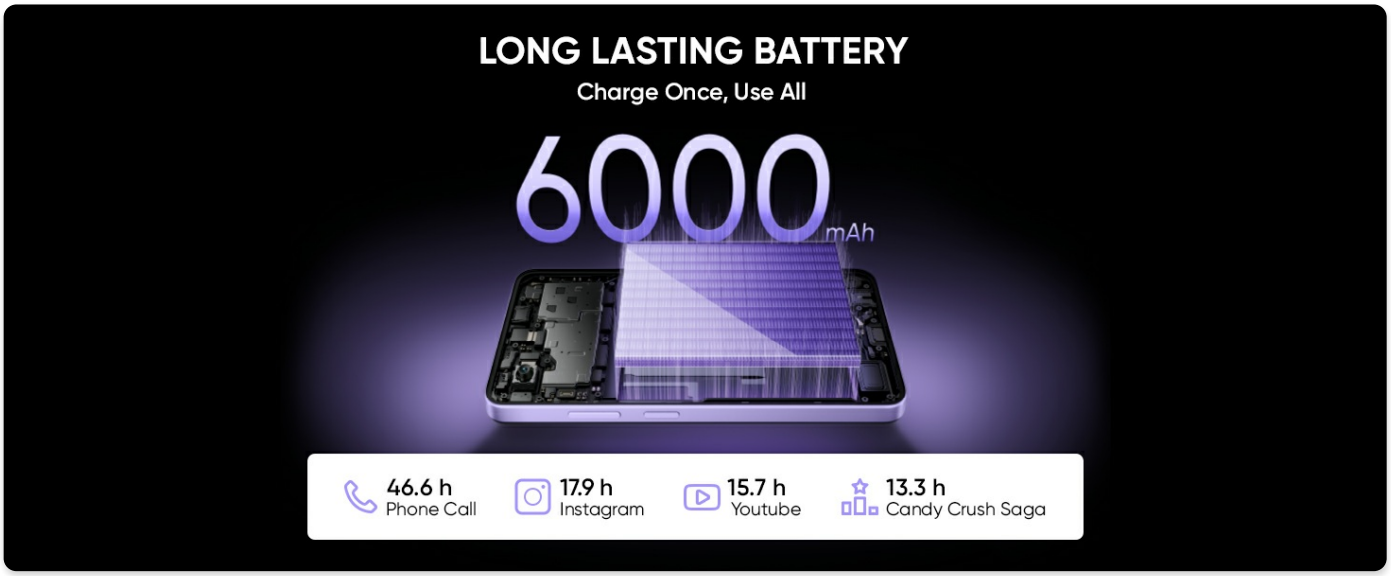


Image 3.4: Visual representation of the phone's slim profile (7.94mm) and lightweight design (197g).

4. Setup

4.1 Inserting SIM/SD Card

1. Locate the SIM tray on the side of your device.
2. Insert the SIM tray ejector tool into the small hole next to the tray and press firmly until the tray pops out.
3. Place your Nano-SIM card(s) and/or microSD card into the designated slots on the tray. Ensure the gold contacts face downwards.
4. Carefully reinsert the tray into the phone until it clicks into place.

4.2 Powering On/Off

- **To Power On:** Press and hold the Power button (located on the side) until the realme 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.

4.3 Initial Setup

Upon first power-on, follow the on-screen instructions to complete the initial setup process. This includes selecting your language, connecting to Wi-Fi, setting up your Google account, and configuring security features like fingerprint or face unlock.

4.4 Charging the Device

Connect the USB cable to the phone's USB Type-C port and the power adapter. Plug the adapter into a power outlet. The device supports standard charging with the included 15W power adapter. Ensure you use only realme-approved chargers and cables.

5. Operating Your Device

5.1 Battery Management

The realme NARZO 80 Lite 5G is equipped with a 6000mAh long-lasting battery, designed to provide extended usage. Optimize battery life by managing background apps, adjusting screen brightness, and utilizing power-saving modes.



Image 5.1: Illustrates typical usage times for various activities on a single charge, such as phone calls, social media, video streaming, and gaming.

5.2 Performance and Connectivity

Powered by the MediaTek Dimensity 6300 5G chipset, your device offers smooth performance for daily tasks and 5G connectivity for faster data speeds.



Image 5.2: Technical specifications of the MediaTek Dimensity 6300 5G chipset, detailing its architecture and performance benefits.

5.3 Display Features

The device features a 120Hz punch-hole display for a fluid visual experience. Adjust display settings for brightness, color temperature, and refresh rate to suit your preferences.

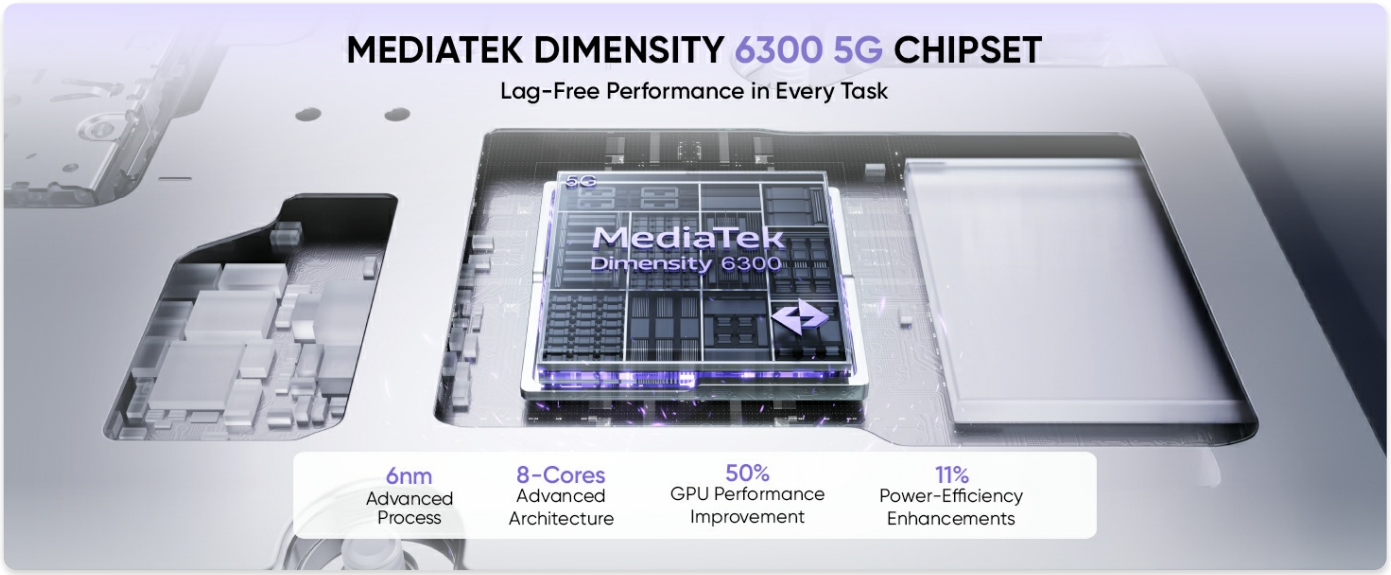


Image 5.3: Key display characteristics, including refresh rate, brightness, touch sampling rate, and eye comfort features.

5.4 Camera Usage

Your realme NARZO 80 Lite 5G is equipped with a 32MP rear camera (with Flicker lens) and an 8MP front camera. Open the Camera app to access various modes like Photo, Video, Portrait, and Night mode. Tap on the screen to focus and use the shutter button to capture images or start recording videos.

5.5 AI Assist Features

Leverage AI Assist features like Google Gemini and AI Smart Loop to enhance your daily smartphone interactions, offering intelligent suggestions and streamlined workflows.



Image 5.4: Demonstrates the functionality of AI Assist, including smart communication and content organization.

5.6 Audio Enhancements

Experience enhanced audio with features like 300% Ultra-Volume Mode, providing louder sound output for calls and media.



Image 5.5: Highlights the 300% Ultra-Volume Mode for increased audio output.

6. Maintenance

6.1 Water and Dust Resistance (IP64)

Your device is rated IP64 for water and dust resistance, meaning it is protected against dust ingress and splashing water from any direction. This protection is not permanent and may decrease over time with normal wear. Do not intentionally submerge the device in water or expose it to high-pressure water jets.



Image 6.1: Demonstrates the IP64 rating, indicating protection against dust and water splashes, along with Rainwater Smart Touch functionality.

6.2 Military-Grade Durability

The realme NARZO 80 Lite 5G features military-grade shock resistance, incorporating a reinforced aluminum structure, tough corner protection, and airbag protection to withstand accidental drops and impacts.

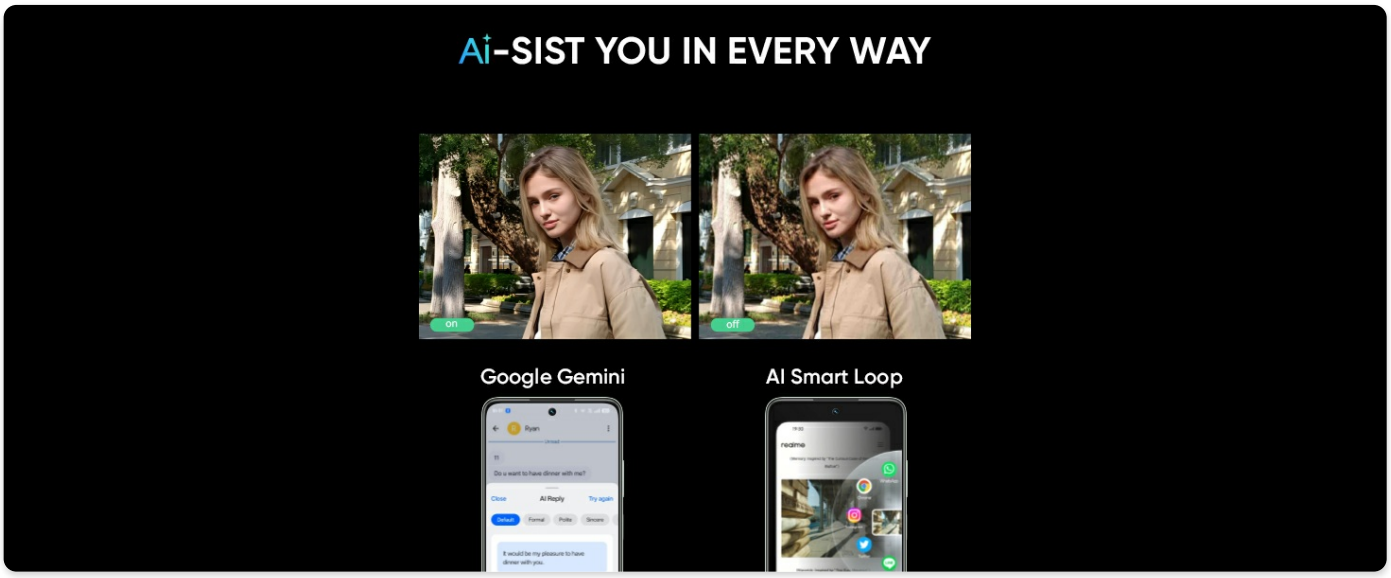


Image 6.2: Details the structural enhancements contributing to the phone's military-grade durability, including drop resistance and protective elements.

6.3 Battery Health and Protection

The device is designed with 4-year battery health protection, incorporating multiple safeguards for voltage, current, temperature, and burn protection to ensure battery longevity and safety.



Image 6.3: Explains the comprehensive battery protection mechanisms designed to extend the battery's lifespan over four years.

6.4 Cleaning and Care

- Use a soft, lint-free cloth to clean the screen and body of the phone.
- Avoid using harsh chemicals, abrasive materials, or compressed air.
- Keep the device away from extreme temperatures and direct sunlight.

6.5 Software Updates

Regularly check for and install software updates to ensure your device has the latest features, security patches, and performance improvements. Navigate to **Settings > About device > Up to date**to check for updates.

7. Troubleshooting

This section addresses common issues you might encounter with your realme NARZO 80 Lite 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 Apps Crashing or Freezing

- Close and reopen the problematic app.
- Clear the app's cache and data (Settings > Apps > [App Name] > Storage > Clear cache/Clear data).
- Ensure the app is updated to its latest version.
- Restart your phone.

7.3 Network Connectivity Issues

- Toggle Airplane Mode on and off.
- Check if your SIM card is properly inserted.
- Reset network settings (Settings > System settings > Back up and reset > Reset phone > Reset network settings).
- Contact your network provider if issues persist.

7.4 Fingerprint Sensor Not Working

- Ensure your finger and the sensor are clean and dry.

- Re-register your fingerprints in Settings > Password & security > Fingerprint.

8. Specifications

Detailed technical specifications for the realme NARZO 80 Lite 5G (RMX3945).

Feature	Specification
Model Number	RMX3945
Operating System	Android 15
Processor	MediaTek Dimensity 6300 5G (2.4 GHz CPU Speed)
RAM	6 GB
Internal Storage	128 GB
Battery Capacity	6000 mAh
Display Size	6.67 inches
Display Resolution	720 x 1604 pixels
Refresh Rate	120 Hz
Rear Camera	32 MP + Flicker lens
Front Camera	8 MP
Dimensions (LxWxH)	16.6 x 7.6 x 0.8 cm
Weight	197 g
Connectivity	5G, USB, Wi-Fi, GPS
Audio Jack	3.5 mm
Water & Dust Resistance	IP64 Rated
Manufacturer	Padget Electronics Pvt Ltd

9. Warranty Information

Your realme NARZO 80 Lite 5G is covered by a limited manufacturer's warranty. The specific terms and duration of the warranty may vary by region and purchase date. Please refer to the warranty card included with your product or visit the official realme website for detailed warranty information and terms and conditions.
Keep your proof of purchase (invoice or receipt) as it will be required for any warranty claims.

10. Support and Contact

For further assistance, technical support, or service inquiries regarding your realme NARZO 80 Lite 5G, please use the following resources:

- **realme Official Website:** Visit the official realme support page for FAQs, software downloads, and service center

locations.

- **Customer Service:** Refer to the contact information provided in your product packaging or on the realme official website for customer service hotlines or email support.

When contacting support, please have your device's model number (RMX3945) and serial number ready.

© 2025 realme. All rights reserved.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question