

realme 16 Pro 5G

realme 16 Pro 5G Smartphone User Manual

Model: 16 Pro 5G

INTRODUCTION

This manual provides essential information for setting up, operating, maintaining, and troubleshooting your realme 16 Pro 5G smartphone. Please read this guide thoroughly to ensure optimal performance and longevity of your device.

1. SETUP

1.1 Package Contents

Verify that your package contains the following items:

- realme 16 Pro 5G Smartphone
- USB Cable
- Quick Start Guide
- SIM Ejector Tool

1.2 Inserting the SIM Card

The realme 16 Pro 5G supports Dual SIM functionality.

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 press gently until the tray pops out.
3. Place your Nano-SIM cards into the designated slots on the tray. Ensure the gold contacts face downwards.
4. Carefully reinsert the tray into the phone.

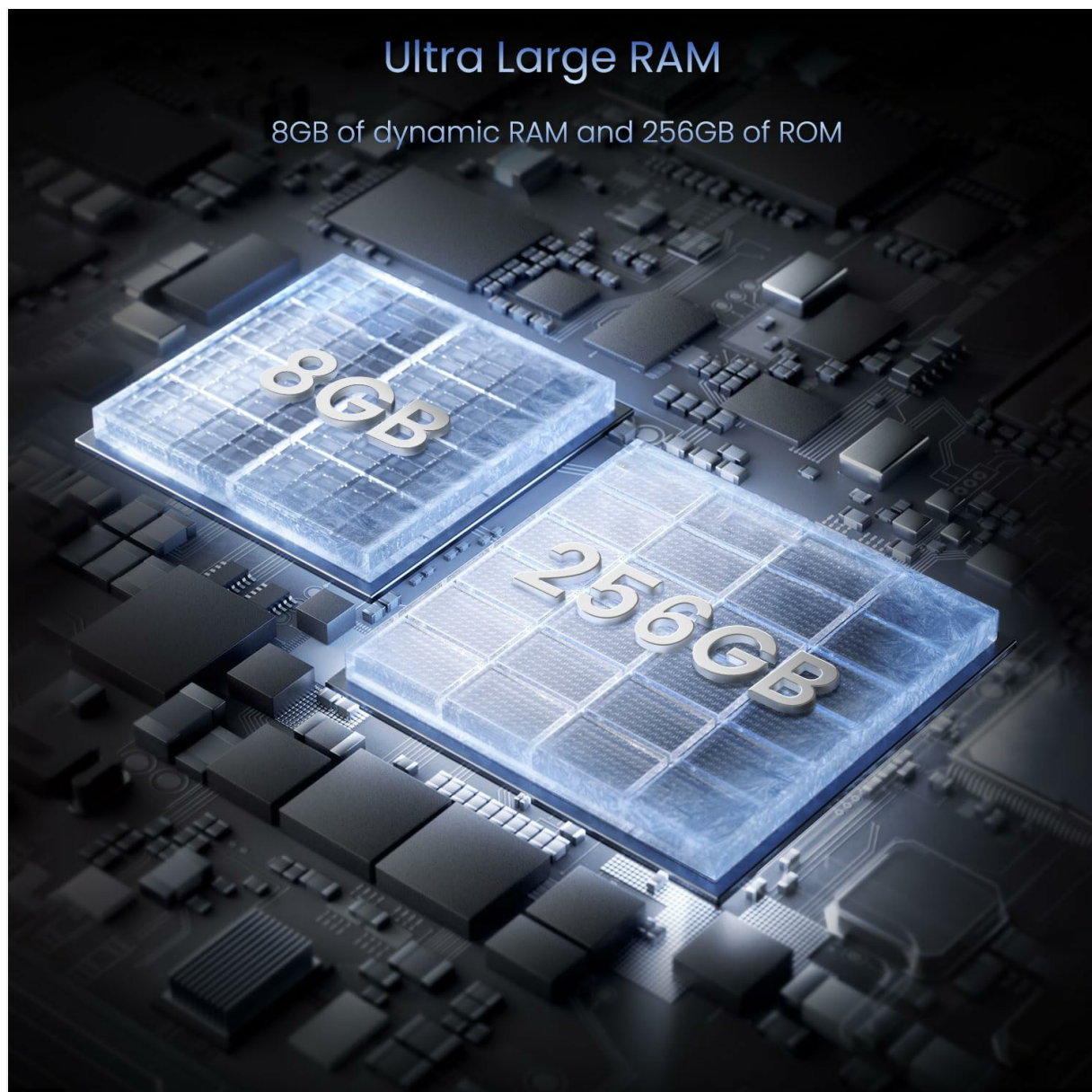


Image: Front view of the realme 16 Pro 5G Smartphone, illustrating the display and camera placement.

1.3 Initial Power On and Setup

Press and hold the Power button until the realme logo appears. Follow the on-screen instructions to complete the initial setup, including language selection, Wi-Fi connection, and Google account login.

2. OPERATING YOUR REALME 16 PRO 5G

2.1 Display

The device features a 6.78-inch 144Hz AMOLED display with a resolution of 1080 x 2400. This display offers smooth visuals and vibrant colors. Adjust display settings such as brightness, refresh rate, and color mode in the Settings menu.

144Hz AMOLED Display

A Display That Flows. A Grip That Follows.

Immerse yourself in breathtaking visuals with the 144Hz AMOLED Display, where ultra-smooth motion meets vibrant color brilliance. Every swipe, scroll, and scene comes to life with stunning clarity.



6500nit

Peak Brightness

DC Mode

Dimming

94%

Screen-to-body ratio

Netflix HDR

Certification

HDR 10+

Cinematic Brilliance

3000Hz

Instantaneous Touch Response

Image: Side view of the realme 16 Pro 5G Smartphone, highlighting its slim profile.

2.2 Camera

The realme 16 Pro 5G is equipped with a 200MP main rear camera and a 50MP front camera. Various camera modes and settings are available to enhance your photography experience.

- **Rear Camera:** 200MP LumaColor main camera with Super OIS.
- **Front Camera:** 50MP for high-resolution selfies.

Performance Master

Feel the Thrust. Experience the Flow.

7300 Max Dimensity



971755 Antutu Benchmark²

120FPS Mainstream Games

GT Boost

Peak Gaming Performance

Power Boosted, Lag-Free Everything

Image: Rear view of the realme 16 Pro 5G Smartphone, focusing on the camera module.

2.3 Battery and Charging

The device features a 7000mAh battery and supports 80W SuperVOOC fast charging. For optimal battery life, use the provided charger and cable.

- **Battery Capacity:** 7000mAh (typical).
- **Charging:** 80W SuperVOOC.

2.4 Performance

Powered by the MediaTek Dimensity 7300-Max processor and 12GB of RAM, the realme 16 Pro 5G delivers efficient performance for multitasking and gaming. The internal storage capacity is 256GB.

2.5 Security Features

The realme 16 Pro 5G includes biometric security options:

- **Fingerprint Recognition:** Unlock your device using your fingerprint.
- **Face Recognition:** Unlock your device using facial scanning.

3. MAINTENANCE AND CARE

3.1 Cleaning Your Device

Use a soft, lint-free cloth to clean the screen and body of your phone. Avoid using harsh chemicals or abrasive materials.

3.2 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 Phone > Software Update**.

3.3 Water and Dust Resistance

The realme 16 Pro 5G has an IP69 rating, providing protection against dust and water immersion. While resistant, it is not waterproof. Avoid intentional submersion and exposure to high-pressure water jets.

7000mAh Titan Battery

Power That Lasts. Comfort That Stays.

The battery delivers extended endurance without compromising the comfortable in-hand feel, Withsupport for Bypass Charging, it reduces heat build-up for enhanced long-term durability.



10.6 Hours³
Game

16.6 Hours³
WhatsApp

22 Hours³
YouTube

1% Battery
6.8 Hours Standby

Image: A hand holding the realme 16 Pro 5G Smartphone, demonstrating its ergonomic design.

4. TROUBLESHOOTING

If you encounter issues with your device, refer to the following common solutions:

Problem	Solution
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Problem	Solution
Device not powering on	Ensure the battery is charged. Press and hold the Power button for at least 10 seconds to force restart.
Charging issues	Check the USB cable and adapter for damage. Try a different power outlet. Ensure the charging port is clean.
Poor network signal	Restart the device. Check SIM card insertion. Ensure you are in an area with network coverage.
Applications crashing	Clear the app's cache (Settings > Apps > [App Name] > Storage > Clear Cache). Update the app.
Fingerprint scanner not working	Ensure your finger is clean and dry. Re-register your fingerprints in Settings > Security.

5. SPECIFICATIONS

Key technical specifications for the realme 16 Pro 5G smartphone:

Feature	Detail
Brand	realme
Model	16 Pro 5G
Operating System	Android 15
Processor	MediaTek Dimensity 7300-Max
RAM	12 GB
Internal Storage	256 GB
Display Size	6.78 Inches
Display Type	AMOLED, 144Hz Refresh Rate
Resolution	1080 x 2400
Rear Camera	200 MP
Front Camera	50 MP
Battery Capacity	7000 mAh
Charging	80W SuperVOOC
SIM Card Slot	Dual SIM (Nano)
Connectivity	5G Cellular Technology, USB Type C
Biometric Security	Fingerprint Recognition, Face Recognition

Feature	Detail
Water Resistance Level	IP69 (Waterproof)
Dimensions	16.3 x 7.8 x 0.8 Centimeters
Weight	192 Grams

6. WARRANTY INFORMATION

Your realme 16 Pro 5G smartphone comes with a **1 Year Manufacturer Warranty** from the date of purchase. This warranty covers manufacturing defects under normal use. Please retain your proof of purchase for warranty claims. The warranty does not cover damage caused by misuse, accidents, unauthorized repairs, or normal wear and tear.

7. CUSTOMER SUPPORT

For further assistance, technical support, or service inquiries, please contact realme customer service. You can find contact details on the official realme website or through the support section within your device's settings.

Manufacturer Contact Information:

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