

realme 16 Pro+ 5G

realme 16 Pro+ 5G Smartphone User Manual

Model: 16 Pro+ 5G

1. 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 proper use and to maximize the device's capabilities.

2. SETUP

2.1 Unboxing and Initial Inspection

Upon opening the package, verify that all components are present and undamaged. The box contents typically include the realme 16 Pro+ 5G Smartphone and a USB Cable. Other accessories may be sold separately.

2.2 Inserting SIM Cards

The realme 16 Pro+ 5G supports Dual SIM functionality. Locate the SIM card tray on the side of the device. Use the provided SIM ejector tool to open the tray. Carefully place your Nano-SIM cards into the designated slots, ensuring correct orientation. Reinsert the tray firmly into the device.

2.3 Initial Charging and Power On

Before first use, it is recommended to fully charge your device. Connect the USB cable to the phone's USB Type-C port and the other end to an 80W Ultra Charge compatible power adapter (sold separately). The 7000mAh battery supports rapid charging. Once charged, press and hold the power button until the realme logo appears to power on the device. Follow the on-screen instructions for initial setup, including language selection, Wi-Fi connection, and Google account setup.

The realme 16 Pro+ 5G features a 7000mAh Titan Battery with 80W Ultra Charge technology, providing extended usage and fast recharging.

3. OPERATING YOUR DEVICE

3.1 Display and Navigation

The realme 16 Pro+ 5G features a 6.8-inch 144Hz AMOLED display, offering smooth visuals and vibrant colors. Navigate the Android 15 operating system using touch gestures. Swipe up from the bottom for the app drawer, swipe down from the top for notifications and quick settings.

Experience immersive visuals with the 144Hz AMOLED display, featuring a 6500nit peak brightness and a 94% screen-to-body ratio.

3.2 Performance

Powered by the Qualcomm Snapdragon 7 Gen 4 mobile platform, the device delivers efficient performance for gaming and multitasking. The 8GB RAM ensures smooth application handling.

The Snapdragon 7 Gen 4 processor provides a significant performance boost for demanding applications and games.

The device is equipped with 8GB of RAM and 256GB of internal storage for efficient operation and ample space.

3.3 Camera Functions

The realme 16 Pro+ 5G features an advanced camera system:

- **Rear Camera:** 200MP LumaColor main camera with OIS, and a 50MP periscope telephoto lens offering 3.5x optical zoom.
- **Front Camera:** 50MP for high-resolution selfies.

Explore features like AI Instant Clip for quick video creation and Vibe Master Mode for enhanced portrait photography. The camera supports 4K FullFocal HDR Video recording at various focal lengths.

The camera system includes a 200MP main sensor, a 50MP telephoto lens, and a 50MP front camera for versatile photography.

Utilize AI-powered features such as AI Instant Clip for video creation and Vibe Master Mode for enhanced portrait shots.

Record ultra-clear 4K HDR videos with flexible focal lengths, perfect for capturing detailed moments.

3.4 Audio

The device features 300% Ultra Volume, enhancing your audio experience for music, games, and calls.

Immerse yourself in rich, powerful sound with the 300% Ultra Volume feature.

3.5 Biometric Security

For enhanced security, the realme 16 Pro+ 5G includes Fingerprint Recognition and Face Recognition. Set these up in the Security settings menu for quick and secure unlocking.

3.6 AI Features

The device incorporates AI capabilities such as AI Recording, which provides real-time transcription and speaker identification for meetings, boosting productivity.



AI Recording provides real-time transcription and speaker identification, transforming discussions into actionable results.

4. MAINTENANCE

4.1 Cleaning Your Device

To clean your realme 16 Pro+ 5G, use a soft, lint-free cloth. Avoid abrasive materials, solvents, or aerosol sprays. For stubborn smudges, slightly dampen the cloth with water. Ensure no moisture enters openings.

4.2 Software Updates

Regularly check for and install software updates to ensure optimal performance, security, and access to new features. Updates can be found in Settings > About phone > Software update.

4.3 Water and Dust Resistance

The device boasts an IP69 rating, providing comprehensive protection against dust, water immersion, and high-pressure, high-temperature water jets. While resistant, avoid intentional submersion or exposure to extreme conditions to maintain device longevity.



The IP69 rating ensures high-level protection against dust and water, making the phone suitable for various environments.

4.4 Battery Care

To prolong battery life, avoid exposing the device to extreme temperatures. Use only realme-approved chargers and cables. While the 7000mAh battery offers long life, consider enabling battery-saving modes when power is low.

5. TROUBLESHOOTING

5.1 Device Not Powering On

Ensure the battery is sufficiently charged. Connect the device to its charger for at least 15 minutes, then attempt to power it on. If the issue persists, perform a forced restart by holding the power button and volume down button simultaneously for about 10-15 seconds.

5.2 Charging Issues

Verify that the USB cable and charger are securely connected and undamaged. Try using a different realme-approved charger and cable. Clean the charging port gently to remove any debris.

5.3 App Crashes or Freezes

Close and reopen the problematic application. If the issue continues, clear the app's cache and data in Settings > Apps. As a last resort, uninstall and reinstall the app. Ensure your device's software is up to date.

5.4 Poor Network Connectivity

Check if airplane mode is off. Restart your device. Verify your SIM card is correctly inserted. If using mobile data, ensure your data plan is active and you have coverage. For Wi-Fi issues, restart your router.

5.5 Factory Reset

If persistent software issues occur, a factory reset may be necessary. **Warning: This will erase all data on your device. Back up important data before proceeding.** Go to Settings > System > Reset options > Erase all data (factory reset).

6. SPECIFICATIONS

Feature	Detail
Brand	realme
Operating System	Android 15
RAM Memory Installed Size	8 GB
Memory Storage Capacity	256 GB
Screen Size	6.8 Inches
Colour	Master Gold
SIM Card Slot Count	Dual SIM
Connector Type	USB Type C
Biometric Security Feature	Fingerprint Recognition, Face Recognition
Water Resistance Level	Waterproof (IP69)
Front Photo Sensor Resolution	50 MP
Rear Facing Camera Photo Sensor Resolution	200 MP (Main)
Number of Rear Facing Cameras	2 (Main + Telephoto)
Battery Capacity	7000 Milliamp Hours
Battery Average Life	72 Hours
Phone Talk Time	48 Hours
Resolution	1512 x 3240
Refresh Rate	144 Hz
Display Type	AMOLED

Cellular Technology	5G
Item Weight	203 Grams
Item Dimensions	16.4 x 7.6 x 0.8 Centimeters

7. WARRANTY INFORMATION

The realme 16 Pro+ 5G Smartphone typically comes with a 2-year manufacturer's warranty. Please refer to the warranty card included in your product packaging for specific terms and conditions, including coverage details and claim procedures. Keep your proof of purchase for warranty validation.

8. SUPPORT AND CONTACT

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 importer/packer information provided below:

Importer/Packer Contact Information:

REALME MOBILE TELECOMMUNICATIONS (INDIA) PRIVATE LIMITED

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You may also visit the official [realme Store on Amazon](#) for more product information and support resources.