

[Manuals.plus](#) /

› [realme](#) /

› realme 16 Pro+ 5G Smartphone User Manual

**realme 16 Pro+**

# realme 16 Pro+ 5G Smartphone User Manual

Model: 16 Pro+

## 1. INTRODUCTION

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This manual provides essential information for the safe and efficient use of your realme 16 Pro+ 5G smartphone. Please read it carefully before using the device and keep it for future reference.

## 2. DEVICE OVERVIEW

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The realme 16 Pro+ 5G is a high-performance smartphone featuring a 144Hz AMOLED display, a powerful Snapdragon 7 Gen 4 processor, a 200MP periscope camera, and a large 7000mAh battery with 80W SuperVOOC fast charging. It also boasts IP69 water and dust resistance for enhanced durability.



Image: realme 16 Pro+ 5G Smartphone in Master Gold. This image displays the front and back of the device, highlighting its design and camera module.

### 3. INITIAL SETUP

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#### 3.1 Inserting SIM Cards

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 cards into the designated slots on the tray. Ensure the gold contacts face downwards.
4. Carefully push the tray back into the phone until it clicks into place.

#### 3.2 Powering On/Off

- **To Power On:** Press and hold the Power button 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 on the screen.

### 3.3 Initial Configuration

Upon first power-on, follow the on-screen instructions to set up your device. This includes selecting your language, connecting to Wi-Fi, setting up your Google account, and configuring security features like fingerprint recognition and face recognition.

## 4. OPERATING YOUR DEVICE

### 4.1 Display and Navigation

The device features a 6.8-inch 144Hz AMOLED Ultra-Smooth Display with a peak brightness of 6500 nits. This display provides vivid colors and smooth scrolling. Navigate using gestures or the traditional navigation bar, configurable in Settings.

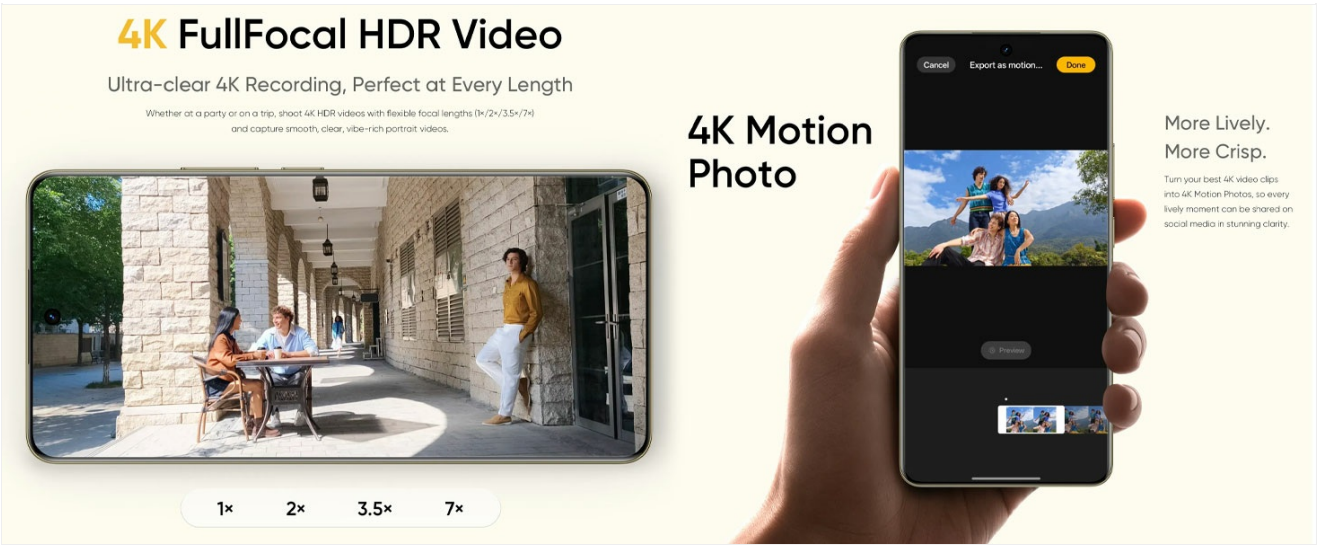


Image: The 6500nit HyperGlow 4D Curve+ Display of the realme 16 Pro+ 5G. This image illustrates the vibrant and immersive visual experience of the phone's curved AMOLED screen.

### 4.2 Camera Features

Capture high-quality photos and videos with the 200MP Periscope Primary Camera and 50MP Ultra-Clear Front Camera. The camera system supports various modes including Portrait Master, AI Instant Clip, and 4K FullFocal HDR Video recording.



Image: Diagram illustrating the 200MP LumaColor Camera and 50MP Selfie Camera of the realme 16 Pro+ 5G. This image details the camera specifications, including the 3.5x telephoto lens and wide-angle capabilities.

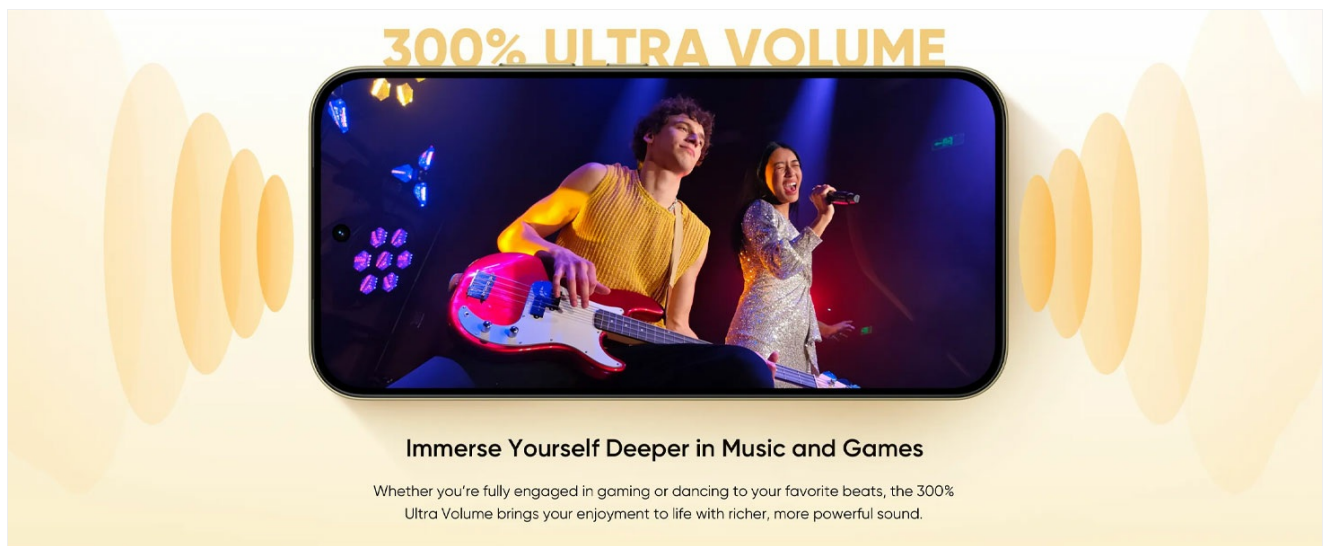


Image: Collage showcasing various features of the Portrait Master camera on the realme 16 Pro+ 5G, including AI Instant Clip, 50MP Selfie Camera, and Vibe Master Mode.



Image: Screenshot demonstrating 4K FullFocal HDR Video recording and 4K Motion Photo feature on the realme 16 Pro+ 5G. This image highlights the video capabilities and editing interface.

### 4.3 Battery and Charging

The device is equipped with a 7000mAh Titan Battery and supports 80W SuperVOOC Fast Charging. Use the provided USB Type-C cable for optimal charging performance. Bypass Charging is supported to reduce heat build-up during extended use.

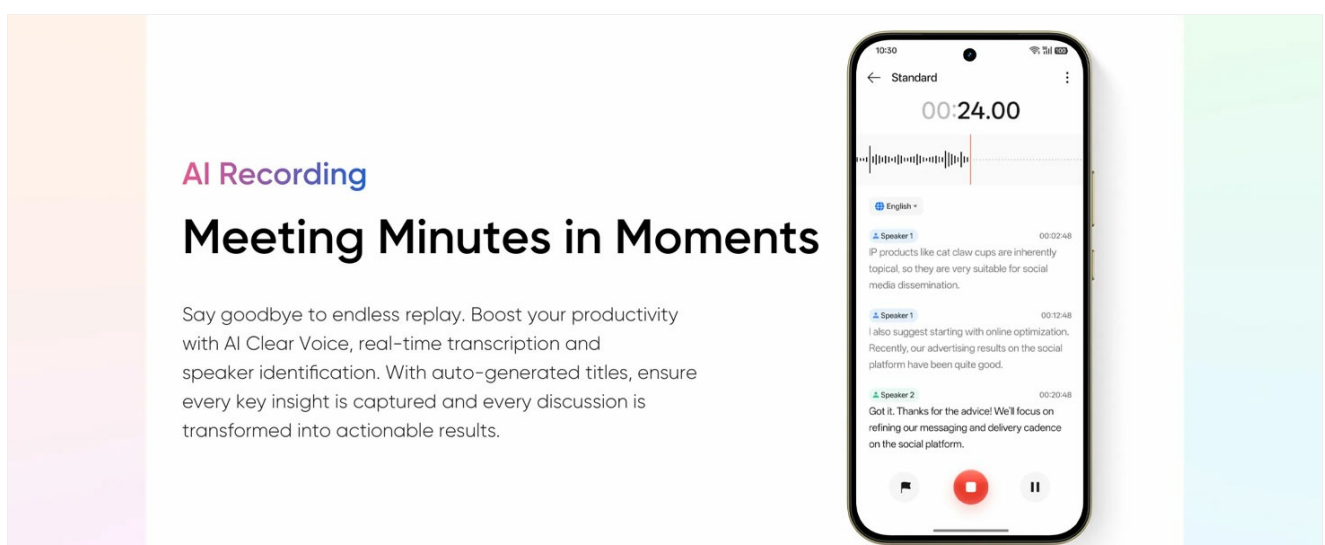


Image: Illustration of the 7000mAh Titan Battery and 80W Ultra Charge technology in the realme 16 Pro+ 5G. This image details battery life estimates for various activities and charging features.

### 4.4 Performance

Powered by the Flagship Snapdragon 7 Gen 4 octa-core 5G processor, the realme 16 Pro+ 5G delivers robust performance

for daily applications, gaming, and multitasking. An optimized heat dissipation system ensures stable operation.



Image: Graphic highlighting the Snapdragon 7 Gen 4 processor in the realme 16 Pro+ 5G, showing performance benchmarks and gaming capabilities.



Image: Diagram illustrating the 8GB dynamic RAM and 128GB ROM storage of the realme 16 Pro+ 5G. This image visually represents the memory configuration of the device.

4.5 Audio

Experience enhanced audio with 300% Ultra Volume, providing a richer sound experience for music and games.



Image: Graphic depicting the 300% Ultra Volume feature of the realme 16 Pro+ 5G, illustrating an immersive audio experience for music and gaming.

4.6 Water and Dust Resistance

The realme 16 Pro+ 5G features IP69 high-grade waterproof and dustproof certification, offering protection against high-

pressure water splashes and dust intrusion. This makes the device suitable for various outdoor and daily usage scenarios.



Image: Visual representation of the realme 16 Pro+ 5G demonstrating its IP69 Pro-level Water Resistance. The image shows the phone being splashed with water, highlighting its durability.

4.7 AI Features

The device integrates AI capabilities such as AI Recording with Clear Voice, real-time transcription, and speaker identification for meeting minutes. AI Instant Clip assists in video creation.

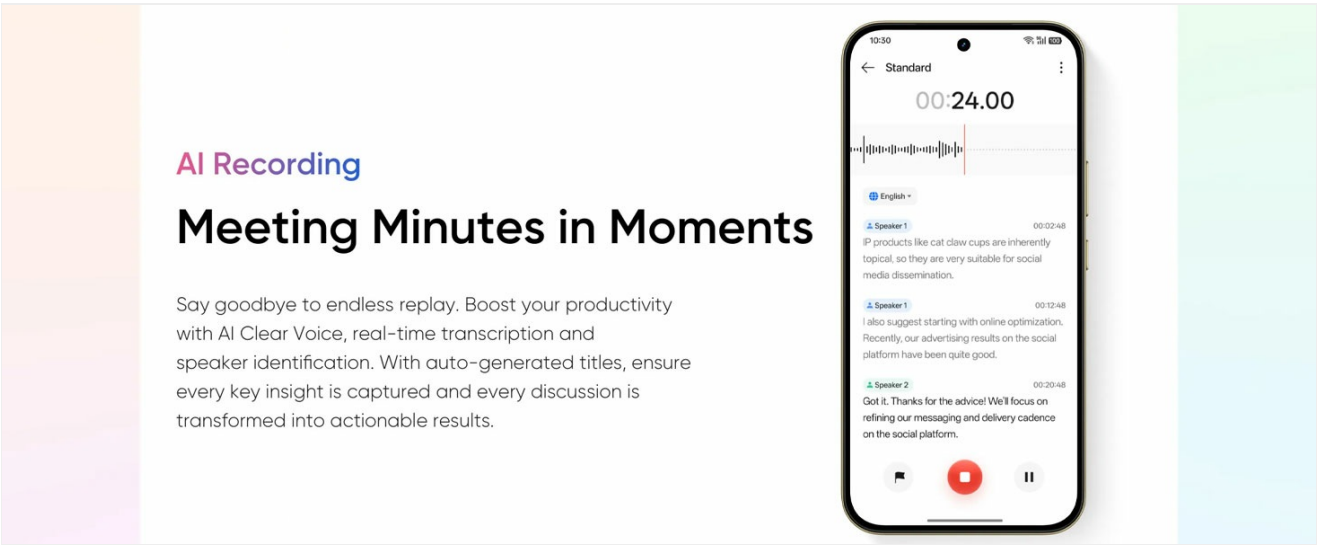


Image: Screenshot of the AI Recording feature on the realme 16 Pro+ 5G, showing real-time transcription and speaker identification for meeting minutes.

4.8 Design

The realme 16 Pro+ 5G features a slim 8.09mm profile and utilizes Native Natural Materials, including bio-based organic silicone, for a comfortable and natural handfeel.



Image: The realme 16 Pro+ 5G showcasing its Native Natural Materials and 8.09mm thin design. This image highlights the ergonomic and aesthetic aspects of the phone.

## 5. MAINTENANCE

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### 5.1 Software Updates

Regularly check for and install software updates to ensure your device has the latest features, security patches, and performance improvements. Go to **Settings > About phone > Software update**.

### 5.2 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. For stubborn smudges, slightly dampen the cloth with water. Ensure all ports are dry before charging.

## 6. TROUBLESHOOTING

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### 6.1 Common Issues and Solutions

- **Device not turning on:** Ensure the battery is charged. Connect to the charger for at least 10 minutes, then try powering on again. If it still doesn't turn on, perform a force restart by holding the Power button for 10-15 seconds.
- **Apps crashing or freezing:** Close the problematic app and reopen it. Clear the app's cache and data in **Settings > Apps**. If the issue persists, restart your phone.
- **Poor battery life:** Adjust screen brightness, disable unnecessary background apps, turn off Wi-Fi/Bluetooth when not in use, and check battery usage in **Settings > Battery** to identify power-hungry apps.
- **Network connectivity issues:** Toggle Airplane Mode on and off. Restart your device. Check your SIM card is correctly inserted. Contact your network provider if the issue persists.
- **Fingerprint sensor not working:** Ensure your finger is clean and dry. Re-register your fingerprints in **Settings > Security > Fingerprint**.

## 7. SPECIFICATIONS

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| Feature | Specification |
|---------|---------------|
| Brand   | realme        |

|                        |                                           |
|------------------------|-------------------------------------------|
| Model                  | 16 Pro+                                   |
| Operating System       | Android 15                                |
| RAM Memory             | 8 GB                                      |
| Storage Capacity       | 128 GB                                    |
| Screen Size            | 6.8 Inches                                |
| Display Type           | AMOLED                                    |
| Refresh Rate           | 144 Hz                                    |
| Rear Camera            | 200 MP                                    |
| Front Camera           | 50 MP                                     |
| Battery Capacity       | 7000 mAh                                  |
| Charging Technology    | 80W SuperVOOC                             |
| Water Resistance Level | IP69 (Waterproof)                         |
| Processor              | Snapdragon 7 Gen 4                        |
| SIM Card Slot Count    | Dual SIM                                  |
| Connector Type         | USB Type C                                |
| Biometric Security     | Fingerprint Recognition, Face Recognition |
| Item Weight            | 203 Grams                                 |
| Dimensions             | 16.4 x 7.6 x 0.8 Centimeters              |

## 8. WARRANTY AND SUPPORT

### 8.1 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. Please retain your proof of purchase for warranty claims. For detailed terms and conditions, refer to the warranty card included in the product packaging or visit the official realme website.

### 8.2 Customer Support

For technical assistance, service, or further inquiries, please contact realme customer support. You can find contact information on the official realme website or through the contact details provided in your product documentation.

**Manufacturer/Importer Contact Information:**  
REALME MOBILE TELECOMMUNICATIONS (INDIA) PRIVATE LIMITED  
3rd Floor, Tower-B, Building No.8, DLF Cyber City, Gurugram-122002, Haryana, India