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realme 16 Pro+

realme 16 Pro+ 5G Smartphone User Manual

Model: 16 Pro+

1. Introduction

Welcome to the realme 16 Pro+ 5G Smartphone user manual. This guide provides essential information to help you get started, operate, and maintain your device. The realme 16 Pro+ 5G combines advanced camera technology, powerful performance, and a durable design to deliver a superior smartphone experience.



Image: The realme 16 Pro+ 5G Smartphone, showcasing its sleek design and camera module in a gold finish.

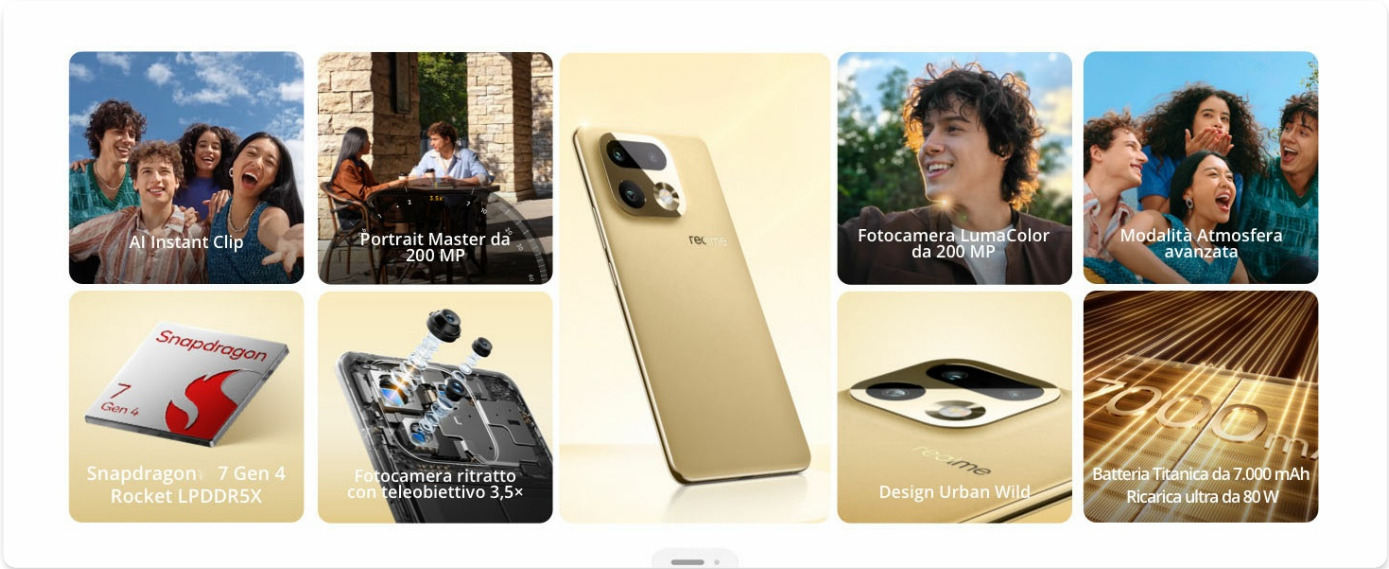


Image: A grid illustrating various features and design aspects of the realme 16 Pro+ 5G Smartphone.

2. Getting Started

2.1 Package Contents

Upon unboxing your realme 16 Pro+ 5G, please ensure all items are present:

- realme 16 Pro+ 5G Smartphone
- USB Cable
- Quick Start Guide (this document)
- SIM Ejector Tool

2.2 SIM Card Installation

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 card(s) into the designated slots on the tray. This device supports Dual SIM.
4. Carefully reinsert the tray into the phone.

2.3 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, Google account login, and security settings. Your device runs on Android 14 with realme UI 7.0.

2.4 Charging the Device

Connect the provided USB cable to the USB-C port on your phone and to the 80W SUPERVOOC charger. Plug the charger into a power outlet. The device supports 80W fast charging for rapid power replenishment.

3. Key Features and Operation

3.1 Camera System

The realme 16 Pro+ 5G features an advanced camera system designed for professional-grade photography.

- **200MP LumaColor Main Camera:** Equipped with a Samsung HP5 sensor and Super OIS (Optical Image Stabilization) for capturing incredibly sharp details and stable shots in various lighting conditions.
- **50MP Telephoto Lens:** Offers 7X lossless zoom, ideal for cinematic portraits and capturing distant subjects with clarity.
- **115.5° Wide-Angle Camera:** For expansive landscape shots and group photos.
- **50MP Selfie Camera:** Ensures high-resolution self-portraits.



Image: An overview of the realme 16 Pro+ 5G camera system, highlighting the 200MP main camera, 50MP selfie camera, and 3.5x telephoto lens.



Image: Details on the LumaColor 200MP camera, emphasizing its professional-grade algorithm for artistic portraits.

AI Photography Modes:

- **AI Instant Clip:** Create videos with a single click using smart video templates.
- **AI StyleMe:** Analyzes your unique features and personal style to create iconic looks, inspired by professional fashion photography.
- **AI Framing Master:** Intelligent framing and automatic zoom help you capture professional-looking shots instantly.

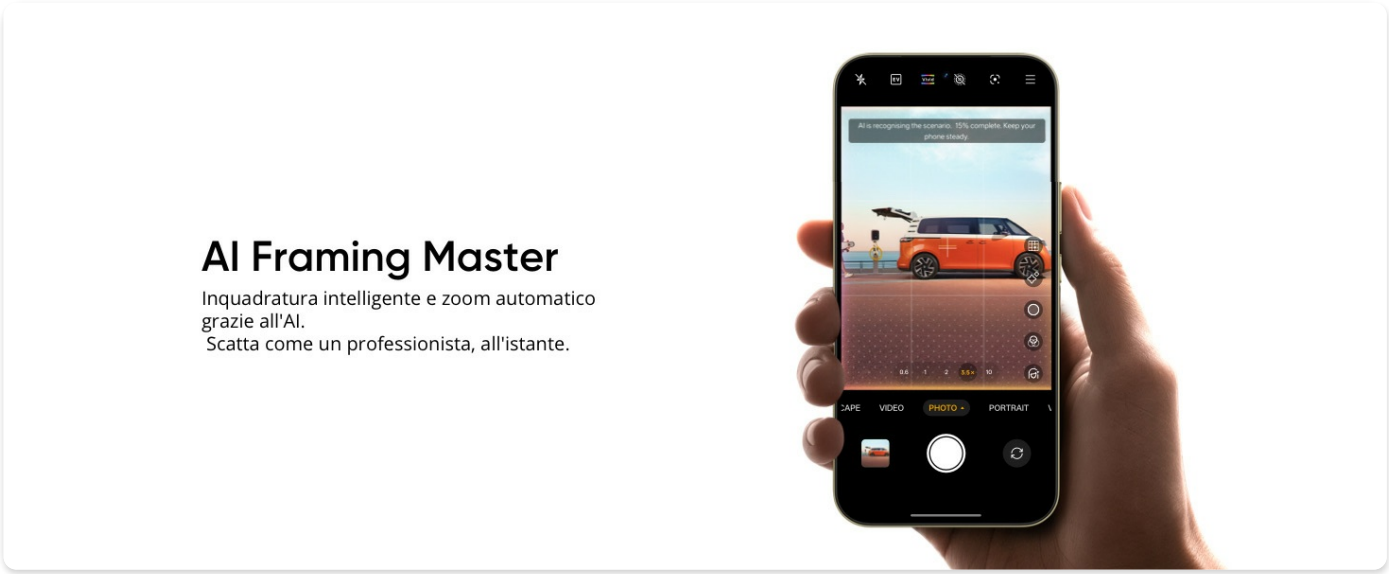


Image: The AI Framing Master feature on the realme 16 Pro+ 5G, demonstrating intelligent composition assistance.

Video Capabilities: Record 4K HDR FullFocal videos with variable focal lengths (1x, 2x, 3.5x, 7x) for smooth, sharp, and immersive captures. Transform your best 4K videos into dynamic 4K photos for sharing.



Image: The 4K HDR FullFocal video recording feature in action on the realme 16 Pro+ 5G.

3.2 Display

Experience stunning visuals on the 6.8-inch FHD+ 144Hz Curved AMOLED display. It offers a peak brightness of 6500 nits, brilliant 10-bit colors, and is protected by Gorilla Glass 7i for enhanced durability. The display ensures extreme fluidity for gaming and streaming.



Image: The HyperGlow 4D Curve+ display of the realme 16 Pro+ 5G, showcasing its vibrant colors and curved design.

3.3 Performance

Powered by the Snapdragon 7 Gen 4 4nm chip and up to 12GB of LPDDR5X RAM, the realme 16 Pro+ 5G delivers cutting-edge performance. Enjoy smooth multitasking and an ultra-fast 5G connection, capable of handling demanding applications without lag. The device comes with 512GB of internal storage.



Image: A visual representation of the Snapdragon 7 Gen 4 chip, highlighting its optimized power and lag-free performance.

3.4 Battery Life and Charging

The realme 16 Pro+ 5G is equipped with a 7000mAh silicon-carbon battery, offering record autonomy for up to 2 days of intense use. The 80W SUPERVOOC fast charging ensures quick power-ups, eliminating charging anxiety.



Image: The 7000mAh Titan Battery, illustrating its long-lasting power and 80W fast charging capabilities.

3.5 Durability

The device features an IP69K certification, providing robust protection against dust and high-pressure water jets. This makes it suitable for outdoor adventures and ensures resilience in various environments.



Image: The realme 16 Pro+ 5G demonstrating its IP69 professional-level water resistance.

3.6 Audio

Immerse yourself in music and games with the 300% Ultra Volume feature, providing an intense and engaging sound experience.



Image: The 300% Ultra Volume feature, enhancing the audio experience for music and games.

3.7 Operating System

The realme 16 Pro+ 5G runs on Android 14, enhanced with realme UI 7.0. This interface introduces a new material design inspired by light and shadow, offering a premium and three-dimensional appearance with fluid transparency for a clean, light, and airy user experience.



Image: An illustration of the realme UI 7.0, showcasing its luminous glass design and transparent interface elements.

4. Design and Build

The realme 16 Pro+ 5G features an Urban Wild aesthetic, inspired by nature. It combines natural surfaces with a camera module crafted from premium materials, resulting in a refined and timeless look. The device has a slim profile with a thickness of 8.49 mm, providing comfort in hand despite its large battery.



Image: The realme 16 Pro+ 5G in a natural environment, highlighting its blend of luxury and nature-inspired design.

Crafted with authentic natural materials, the phone offers an incredibly natural, authentic, and comfortable feel. It is available in Premium Gold and Elegant Grey color options.

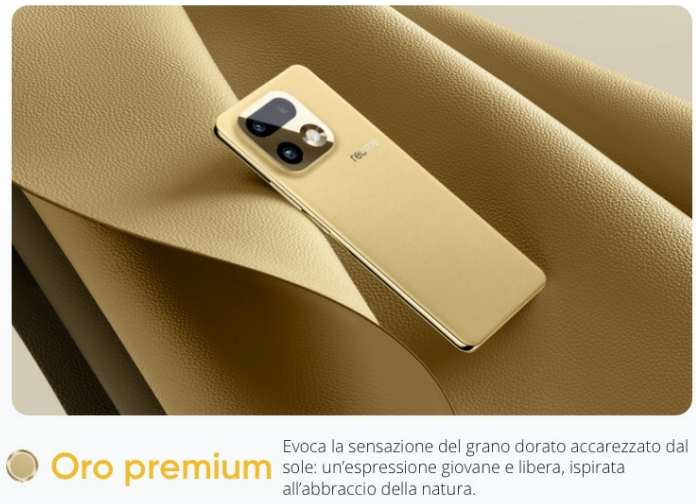


Image: The realme 16 Pro+ 5G in Premium Gold, evoking the sensation of sun-kissed golden grain.



Image: The realme 16 Pro+ 5G in Elegant Grey, featuring a silky texture inspired by smooth pebbles.

5. Maintenance

5.1 General Care

- Avoid exposing your phone to extreme temperatures, direct sunlight, or excessive moisture.
- Do not drop or subject the phone to strong impacts.
- Keep the device away from strong magnetic fields.

5.2 Cleaning

Use a soft, lint-free cloth to clean the screen and body of the phone. For stubborn smudges, slightly dampen the cloth with water or a screen cleaner. Avoid using harsh chemicals or abrasive materials.

5.3 Software Updates

Regularly check for and install software updates to ensure your device has the latest features, security patches, and performance improvements. You can usually find this option in your phone's Settings menu under "System" or "About phone."

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Details

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

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