realme 16 Pro+

realme 16 Pro+ 5G Smartphone User Manual

Model: 16 Pro+

Introduction

This manual provides detailed instructions for the realme 16 Pro+ 5G Smartphone. Please read this guide thoroughly to ensure proper usage and optimal performance of your device. Keep this manual for future reference.

What's in the Box

Verify that all items are present in the product packaging:

- realme 16 Pro+ 5G Smartphone
- USB Cable
- Quick Start Guide (may vary by region)
- Safety Information (may vary by region)

Note: A power adapter may not be included in all regions. Please use a compatible 80W SuperVOOC charger for optimal charging performance.

Setup

1. SIM Card Installation

The realme 16 Pro+ 5G supports Dual SIM functionality. Follow these steps to install your SIM card(s):

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 firmly until the tray pops out.
3. Place your Nano-SIM card(s) into the tray with the gold contacts facing down. Ensure they are correctly oriented.
4. Carefully reinsert the tray into the phone until it clicks into place.

2. Initial Power On

To power on your device for the first time:

1. Press and hold the Power button (located on the right side of the phone) until the realme logo appears on the screen.

2. Follow the on-screen instructions to complete the initial setup, including language selection, Wi-Fi connection, and Google account setup.

3. Charging the Device

Before first use, it is recommended to fully charge your device.

1. Connect the USB Type-C end of the provided USB cable to the charging port at the bottom of your phone.
2. Connect the other end of the USB cable to a compatible 80W SuperVOOC power adapter (sold separately or included depending on region) and plug it into a power outlet.
3. The charging indicator will appear on the screen.



Image: realme 16 Pro+ 5G Smartphone connected to a USB cable for charging.

Operating Instructions

1. Display and Navigation

Your realme 16 Pro+ 5G features a 6.8-inch 144Hz AMOLED curved display, offering smooth visuals and vibrant colors with up to 6500 nits peak brightness.

- **Touch Gestures:** Navigate the interface using standard touch gestures such as tap, swipe, pinch-to-zoom, and long-press.
- **Refresh Rate:** The 144Hz refresh rate provides ultra-smooth scrolling and responsiveness. This can often be adjusted in display settings to optimize battery life.
- **Eye Protection Mode:** Activate eye protection mode in display settings to reduce blue light emission, which can help reduce eye strain during prolonged use.

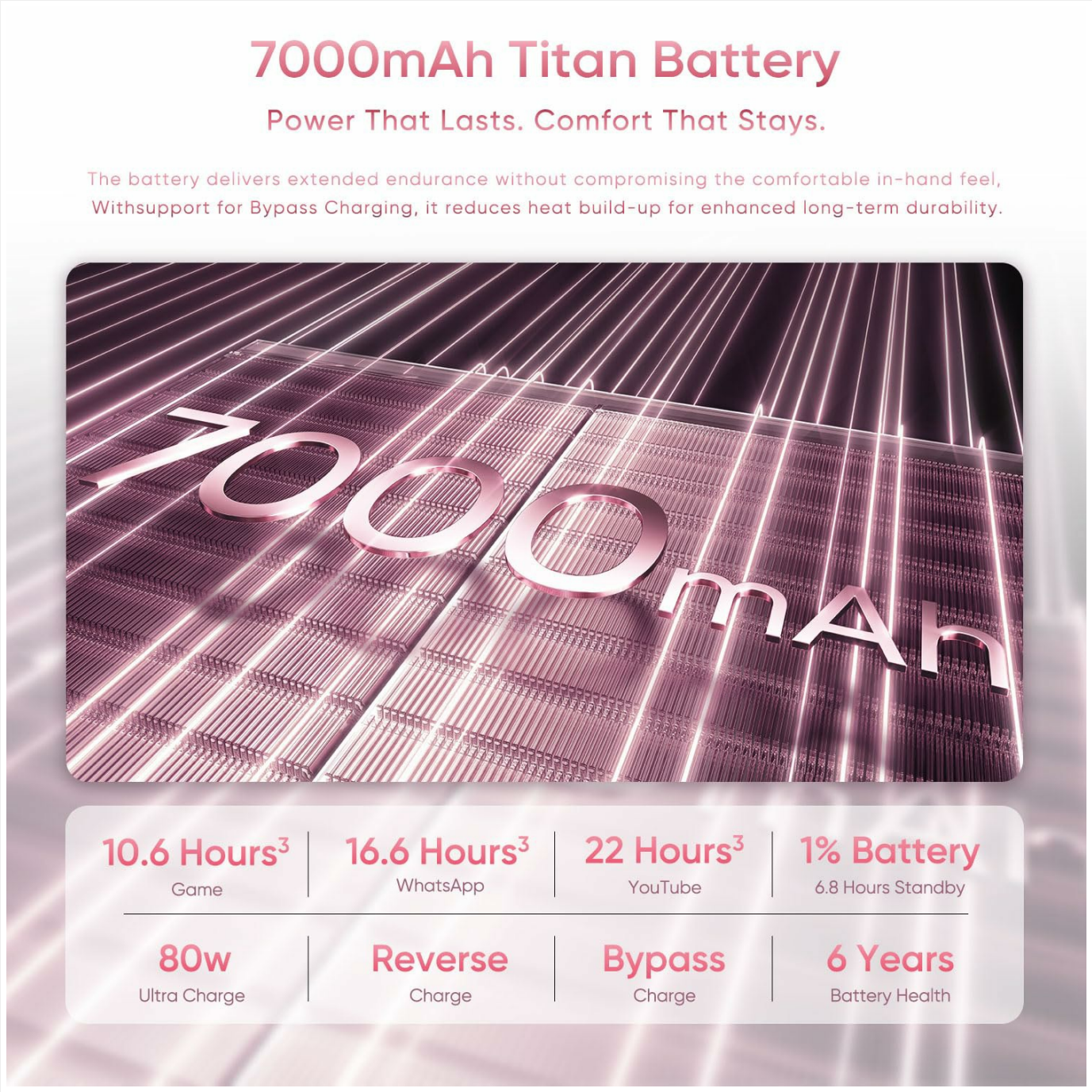


Image: A user interacting with the realme 16 Pro+ 5G display, showcasing its vibrant visuals.

2. Camera Features

The device is equipped with advanced camera systems for high-quality photography and videography.

- **200MP Periscope Primary Camera:** Utilize the 200-megapixel main sensor with optical image stabilization (OIS) for detailed photos, even in challenging lighting. The periscope lens enables advanced zoom capabilities, including

3.5x optical telephoto and up to 120x Super Zoom.

- **50MP Front Camera:** Capture high-resolution selfies and engage in clear video calls with the 50-megapixel front-facing camera.
- **AI Instant Clip & Vibe Master Mode:** Explore creative photography and video options with AI-powered features for quick video creation and mood-based photo enhancements.
- **4K FullFocal HDR Video:** Record ultra-clear 4K HDR videos, ensuring high dynamic range and detail in your recordings.

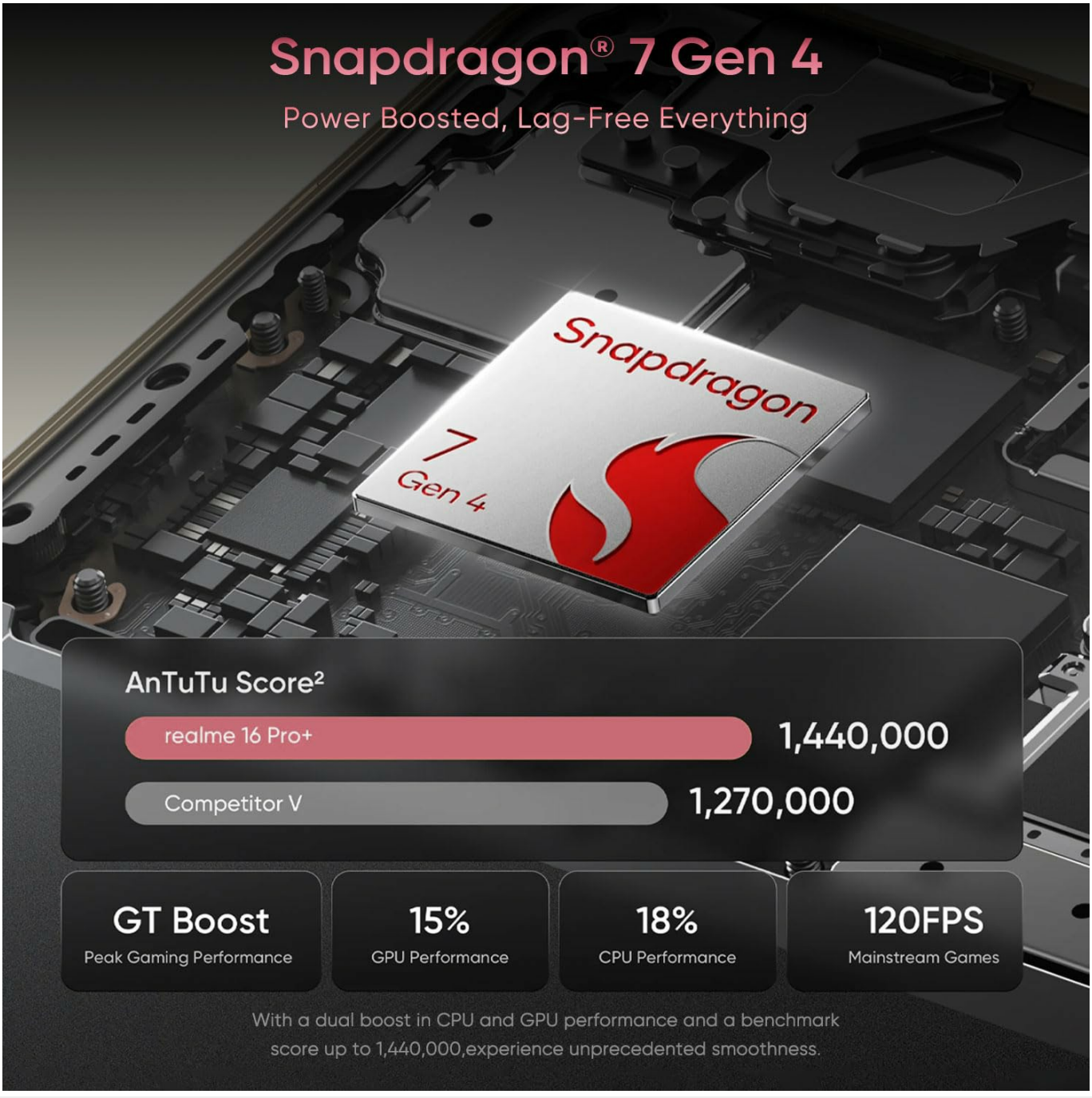


Image: Close-up of the realme 16 Pro+ 5G's rear camera module, highlighting the periscope lens design.

3. Performance and Battery

Experience powerful performance and extended battery life.

- **Snapdragon 7 Gen 4 Processor:** The Qualcomm Snapdragon 7 Gen 4 octa-core 5G processor ensures smooth multitasking, gaming, and application usage.
- **Memory and Storage:** The device comes with 12GB of RAM and 256GB of internal storage, providing ample space for apps and media.

- **7000mAh Titan Battery:** A large 7000mAh battery provides extended usage time, supporting up to 2 days of typical use.
- **80W SuperVOOC Fast Charging:** Rapidly recharge your device using 80W SuperVOOC technology.
- **Bypass Charging:** This feature reduces heat buildup during gaming or heavy use by directly powering the device from the charger, bypassing the battery.

4. Audio

Enjoy enhanced audio experience with the device's sound capabilities.

- **300% Ultra Volume:** Boost audio output for a more immersive listening experience, whether for music, videos, or calls.

5. Software Features

The realme 16 Pro+ 5G runs on Android 15 with realme UI 7.0, offering a range of smart features.

- **realme UI 7.0 (Light Glass Design):** Experience a refined user interface with a fluid, transparent visual design and optimized animations.
- **AI Recording:** Utilize AI-powered recording features for real-time transcription and speaker identification, useful for meetings and notes.
- **Flux Engine:** This engine enhances motion and animations for a more realistic and seamless user experience.

Maintenance

1. Water and Dust Resistance (IP69)

Your device is rated IP69 for water and dust resistance, providing protection against high-pressure water jets and dust ingress.

- While resistant, avoid intentional submersion or exposure to extreme conditions.
- Ensure all ports are dry before charging to prevent damage.



Image: A visual representation of the realme 16 Pro+ 5G's IP69 water resistance.

2. Cleaning and Care

To maintain your device's appearance and functionality:

- Wipe the screen and body with a soft, lint-free cloth.
- Avoid using harsh chemicals, abrasive cleaners, or compressed air.
- Keep the device away from extreme temperatures and direct sunlight.

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 under 'About phone' or 'System updates'.

Troubleshooting

If you encounter issues with your realme 16 Pro+ 5G, refer to the following common solutions:

- **Device Not Powering On:** Ensure the battery is charged. Connect the phone to a charger for at least 15 minutes, then try pressing and holding the Power button again.
- **Battery Draining Quickly:** Check for background apps consuming power. Adjust screen brightness, disable unnecessary features like GPS or Bluetooth when not in use, and review battery usage in settings.
- **Camera Issues:** Clear the camera app's cache and data in settings. Restart the phone. Ensure there are no physical obstructions on the camera lenses.
- **Performance Lag:** Close unused apps. Clear cache regularly. If issues persist, consider a factory reset (back up your data first).
- **Network Connectivity Problems:** Check if Airplane Mode is off. Restart the device. Verify your SIM card is properly inserted and your mobile data plan is active.

For more complex issues, contact realme customer support.

Specifications

Detailed technical specifications for the realme 16 Pro+ 5G Smartphone:

Feature	Specification
Brand	realme
Operating System	Android 15
RAM Memory Installed Size	12 GB
Memory Storage Capacity	256 GB
Screen Size	6.8 Inches
Colour	Camellia Pink
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
Battery Capacity	6850 Milliamp Hours (7000mAh typical)
Battery Average Life	72 Hours
Phone Talk Time	48 Hours
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

Warranty and Support

1. Warranty Information

The 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. For detailed warranty terms and conditions, please refer to the warranty card included in your product packaging or visit the official realme website.

2. Customer Support

If you require further assistance, technical support, or have questions regarding your device, please contact realme customer service:

- **Online Support:** Visit the official realme support website for FAQs, troubleshooting guides, and contact options.
- **Service Centers:** Locate authorized realme service centers in your region for in-person assistance.

You can find more information on therealme Store on Amazon or the official realme website.

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