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> realme 6 Pro Smartphone User Manual

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Model: realme 6 PRO

1. PRODUCT OVERVIEW

The realme 6 Pro is a high-performance smartphone designed for advanced mobile computing and photography. It features a powerful Qualcomm Snapdragon 720G processor, a 90Hz Ultra Smooth Display, and a versatile 64MP AI Quad Camera system. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your device.



Figure 1.1: Front view of the realme 6 Pro smartphone, showing the dual in-display selfie cameras and the large display.

2. SETUP

2.1 Unboxing and Initial Inspection

Carefully unbox your realme 6 Pro and verify that all components are present. The standard package includes:

- realme 6 Pro Smartphone
- Integrated Battery (pre-installed)
- FlashCharge Charger

- USB Type-C Cable
- SIM Ejector Tool
- TPU Protective Case
- Pre-applied Screen Protector Film
- Quick Start Guide

2.2 SIM Card and MicroSD Card Installation

The realme 6 Pro supports dual SIM cards and one MicroSD card simultaneously. Follow these steps to install them:

1. Locate the SIM card tray on the side of the 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 (SIM1, SIM2) and your MicroSD card into its slot, ensuring the gold contacts face downwards.
4. Carefully reinsert the tray into the phone until it clicks into place.



Figure 2.1: Side view of the realme 6 Pro, showing the location of the SIM card tray and volume buttons.

2.3 Initial Charging

Before first use, fully charge your realme 6 Pro. Use the provided FlashCharge charger and USB Type-C cable for optimal charging speed.

- Connect the USB Type-C cable to the phone's charging port.
- Connect the other end of the cable to the FlashCharge adapter.
- Plug the adapter into a power outlet.
- The device should fully charge in approximately 1 hour.



Figure 2.2: Bottom view of the realme 6 Pro, illustrating the USB Type-C charging port and 3.5mm headphone jack.

2.4 Powering On/Off

- **To Power On:** Press and hold the Power button (located on the right side) 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.

3. OPERATING INSTRUCTIONS

3.1 Display and Navigation

Your realme 6 Pro features a 6.6-inch LCD display with a resolution of 1080 x 2400 pixels and a 90Hz refresh rate for smooth visuals. Navigation is primarily via touchscreen gestures and on-screen buttons.

- **Touch:** Tap to select items or open applications.
- **Swipe:** Move your finger across the screen to scroll or navigate between screens.
- **Pinch:** Use two fingers to zoom in or out on images and web pages.

3.2 Camera Usage

The realme 6 Pro is equipped with a 64MP AI Quad Camera system on the rear and dual 16MP selfie cameras on the front. To access the camera, tap the Camera icon on your home screen.



Figure 3.1: Rear view of the realme 6 Pro, highlighting the 64MP AI Quad Camera setup.

Key Camera Features:

- **Rear Cameras:** 64MP main sensor, with additional lenses for wide-angle, macro, and depth sensing.
- **Front Cameras:** Dual 16MP sensors for high-resolution selfies.
- **Shooting Modes:** Includes Macro and Portrait modes for creative photography.

3.3 Biometric Features

The device supports facial recognition for secure unlocking. To set up facial recognition, navigate to *Settings > Security > Face Unlock* and follow the on-screen instructions.

3.4 Connectivity

The realme 6 Pro offers various connectivity options:

- **4G LTE:** For high-speed mobile data.
- **Bluetooth:** For connecting to wireless accessories.
- **GPS:** Built-in GPS for navigation and location services.
- **Wi-Fi:** Connect to wireless networks for internet access.

3.5 Battery Management

The realme 6 Pro is equipped with a 4300 mAh Lithium-ion battery. To optimize battery life:

- Adjust screen brightness.
- Close unused applications running in the background.
- Enable power-saving modes when needed.
- Avoid extreme temperatures.

4. MAINTENANCE

4.1 Cleaning Your Device

To keep your realme 6 Pro in optimal condition:

- Use a soft, lint-free cloth to wipe the screen and body.
- Avoid using harsh chemicals or abrasive materials.
- The device is not water-resistant; avoid exposure to liquids.

4.2 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 *Settings > Software Update*.

4.3 Storage Management

The realme 6 Pro comes with 128GB of internal storage. To manage your storage effectively:

- Regularly delete unnecessary files, photos, and videos.
- Uninstall unused applications.
- Utilize cloud storage services.
- Expand storage using a MicroSD card (up to supported capacity).

5. TROUBLESHOOTING

This section addresses common issues you might encounter with your realme 6 Pro.

Problem	Possible Solution
Device does not power on	Ensure the battery is charged. Connect the charger and wait a few minutes before attempting to power on again. If unresponsive, perform a forced restart by holding the Power button for 10-15 seconds.

Problem	Possible Solution
Screen is unresponsive or frozen	Perform a forced restart. If the issue persists, try clearing the cache partition (refer to advanced troubleshooting guides online) or consider a factory reset (Note: This will erase all data. Back up your device first.).
Cannot connect to Wi-Fi or Bluetooth	Toggle Wi-Fi/Bluetooth off and on. Restart the device. Ensure you are within range of the network/device. Check router settings for Wi-Fi.
Poor camera quality	Ensure camera lenses are clean. Check lighting conditions. Update camera software if available. Some specific camera modes or lenses may have different performance characteristics.
Fingerprint sensor issues	Ensure your finger is clean and dry. Re-register your fingerprints. If the issue persists, restart the device.

6. SPECIFICATIONS

Feature	Detail
Brand	realme
Model Name	REALME 6 PRO
Operating System	realme UI Based on Android 10
Processor	Qualcomm Snapdragon 720G (Octa-Core, 2300 MHz)
RAM	8 GB
Internal Storage	128 GB (variant specific, this manual refers to 8GB/128GB)
Display Size	6.6 Inches
Display Resolution	1080 x 2400 pixels
Refresh Rate	90 Hz
Rear Camera	64 MP (Quad Camera setup)
Front Camera	16 MP (Dual Camera setup)
Battery Capacity	4300 mAh (Lithium-ion)
Charging	30W FlashCharge (approx. 1 hour for full charge)
SIM Card Slots	Dual SIM
SIM Card Format	Micro (Nano-SIM compatible)
Connectivity	4G LTE, Bluetooth, GPS, Wi-Fi
Biometric Features	Facial Recognition
Dimensions	16.4 x 7.6 x 0.9 cm
Weight	199 Grams

7. WARRANTY AND SUPPORT

7.1 Product Warranty

The realme 6 Pro comes with a **2-year manufacturer's warranty**. Please retain your proof of purchase for warranty claims. The warranty covers manufacturing defects but does not cover damage caused by misuse, accidents, or unauthorized modifications.

7.2 Customer Support

For technical assistance, service, or further inquiries, please visit the official realme support website or contact their customer service. You may also find additional resources, including a detailed user manual in PDF format and a data transparency statement, on the product's support page.

Important Documents:

- [User Manual \(PDF\)](#)
- [Data Transparency Statement \(PDF\)](#)

