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realme GT 7

realme GT 7 Smartphone User Manual

Model: GT 7

Introduction

This manual provides essential information for setting up, operating, maintaining, and troubleshooting your realme GT 7 smartphone. Please read this guide thoroughly to ensure optimal performance and longevity of your device.



Figure 1: realme GT 7 Key Features Overview

Getting Started: Setup

1. Unboxing and Initial Inspection

Carefully unbox your realme GT 7 and check for all included accessories. The standard package contents are:

- realme GT 7 Smartphone
- Power Adapter (120W)
- USB Cable (Type-C)
- SIM Tray Ejector
- Protective Phone Case

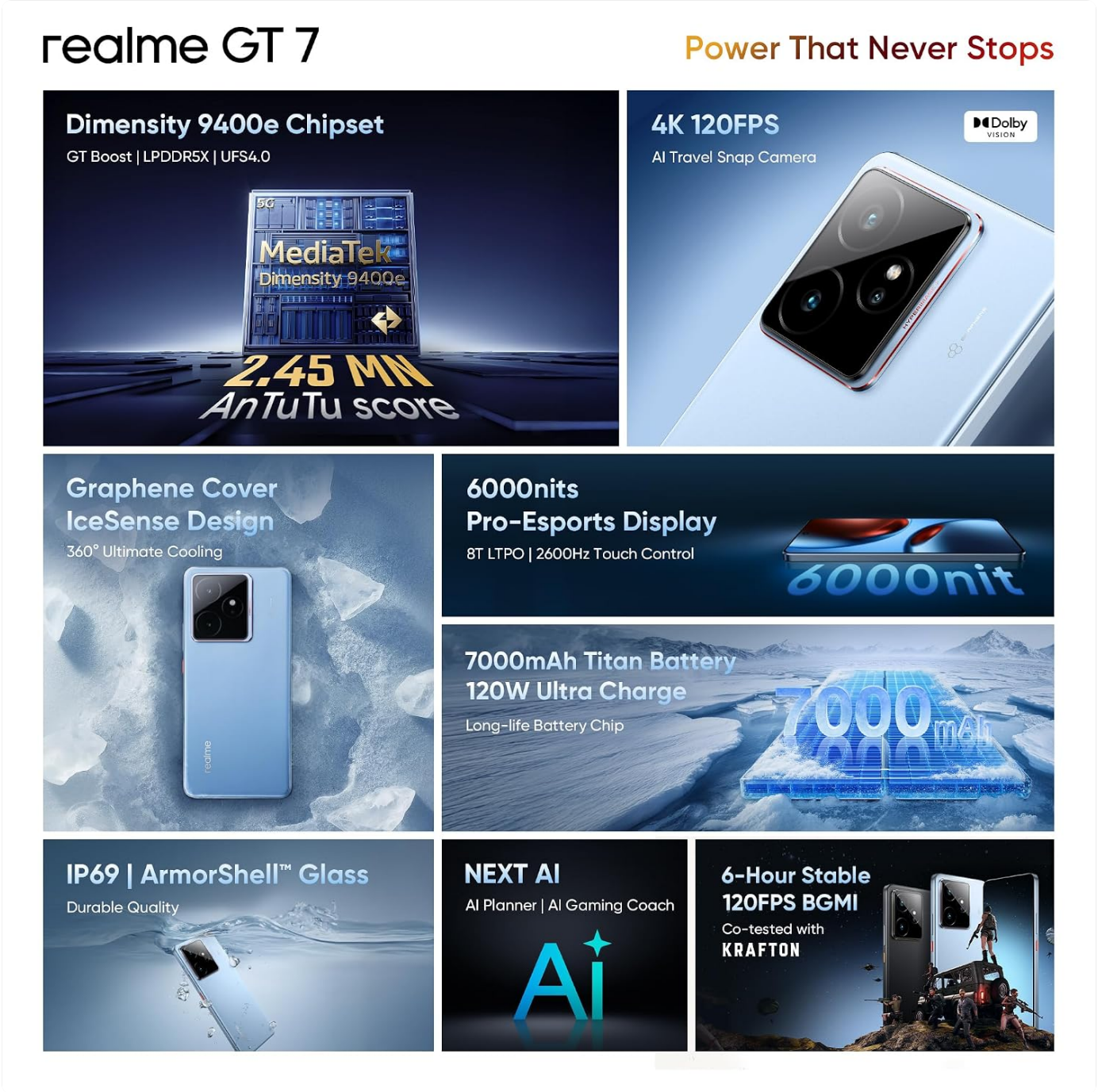


Figure 2: Front view of realme GT 7

2. SIM Card Installation

The realme GT 7 supports Dual Nano SIM cards. To install:

1. Locate the SIM card tray on the side of the device.
2. Insert the SIM tray 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, ensuring the gold contacts face downwards.
4. Carefully reinsert the SIM tray into the phone until it clicks into place.

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 (fingerprint recognition).

4. Charging the Device

Before first use, it is recommended to fully charge your device. The realme GT 7 supports 120W Ultra Charge technology.

- Connect the USB Type-C cable to the phone's charging port.
- Connect the other end of the cable to the provided 120W Power Adapter.
- Plug the power adapter into a wall outlet.
- The device will indicate charging status on the screen. A full charge from 0% can be achieved rapidly.

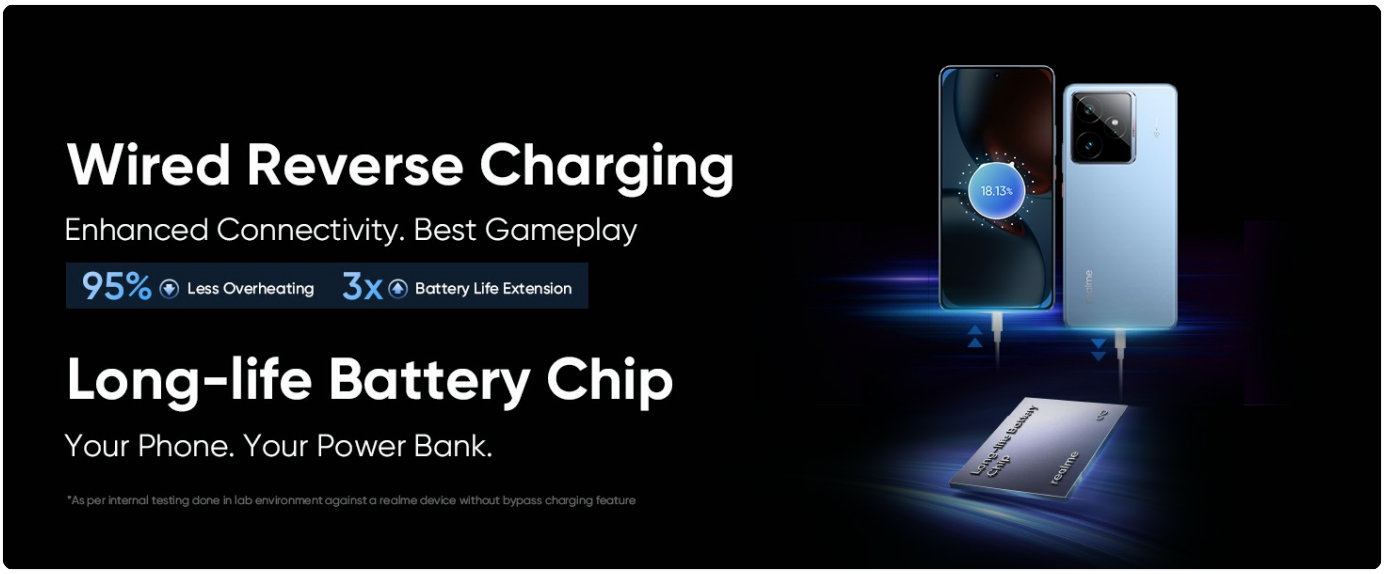


Figure 3: 120W Ultra Charge and 7000mAh Battery

Operating Your realme GT 7

1. Basic Navigation

The realme GT 7 operates on Android 15 with realme UI. Navigation is primarily touch-based:

- **Tap:** Select an item or open an app.
- **Swipe:** Scroll through screens, menus, or content.
- **Pinch:** Zoom in or out on images and web pages.
- **Long Press:** Access contextual menus or move app icons.

2. Camera Functions

The realme GT 7 features an advanced AI 4K 120FPS Travel Camera system:

- **Rear Camera:** 50MP Main Camera (IMX 906 OIS), 2x Camera, 112° Wide Angle Camera.
- **Front Camera:** 32MP.
- Supports AI-enhanced 4K video recording at 120FPS.

Open the Camera app to access various modes like Photo, Video, Portrait, Night, and more. Tap to focus, pinch to zoom, and use on-screen controls for settings.



Figure 4: realme GT 7 Camera System

3. AI Features

The device integrates several AI functionalities to enhance user experience:

- **AI Planner:** Organizes your daily routine and tasks. Access by double-tapping the back of the phone (if enabled).
- **AI Edit Genie:** Provides advanced photo editing capabilities, such as adding or removing elements from images.

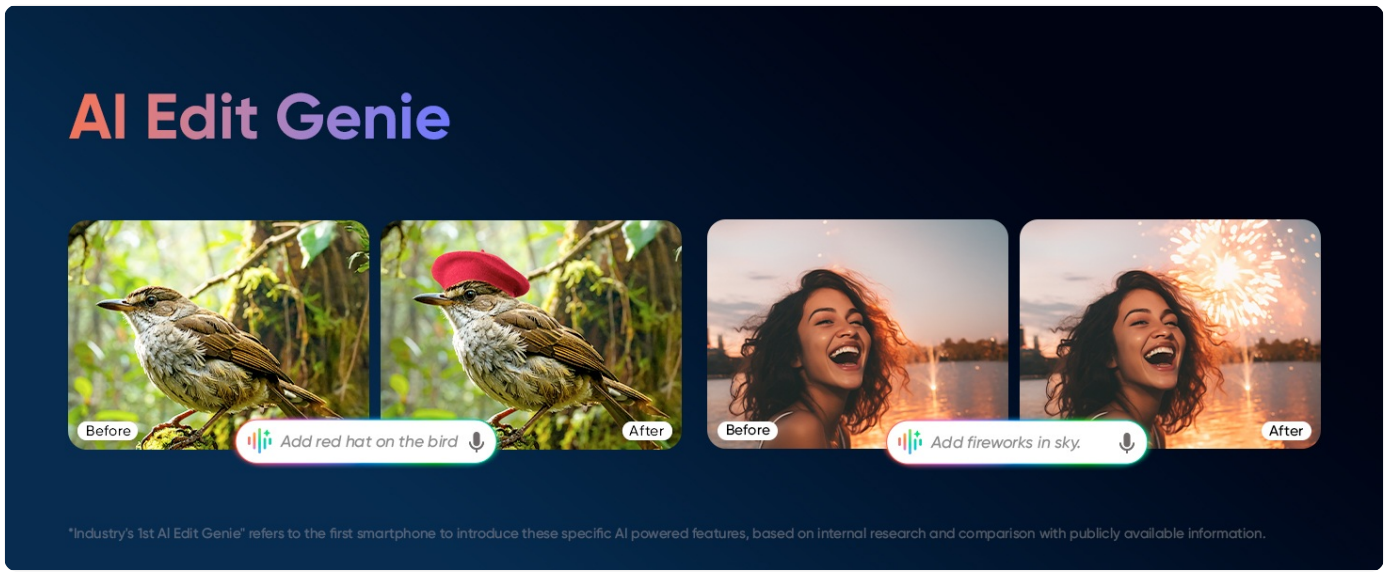


Figure 5: AI Edit Genie Capabilities

4. Display Features

Enjoy a vibrant visual experience with the realme GT 7's display:

- **Type:** OLED, 120Hz Refresh Rate
- **Brightness:** Up to 6000 nits peak brightness
- **Resolution:** 1264 x 2780 pixels
- **Features:** Dolby Vision, HDR 10+, Rain Water Smart Touch



Figure 6: realme GT 7 Display Features

5. Performance and Gaming

Powered by the MediaTek Dimensity 9400e chipset, the realme GT 7 delivers high performance for demanding applications and gaming.

- **Chipset:** MediaTek Dimensity 9400e
- **RAM:** 8GB (available in other variants)
- **Gaming:** Co-tested with KRAFTON for stable 120FPS in BGMI.



Figure 7: MediaTek Dimensity 9400e Chipset



Figure 8: Stable 120FPS BGMI Gameplay

6. Connectivity

The realme GT 7 offers comprehensive connectivity options:

- **Cellular:** 5G
- **Wireless:** Wi-Fi, Bluetooth, NFC
- **Port:** USB Type-C
- **Biometric Security:** Fingerprint Recognition

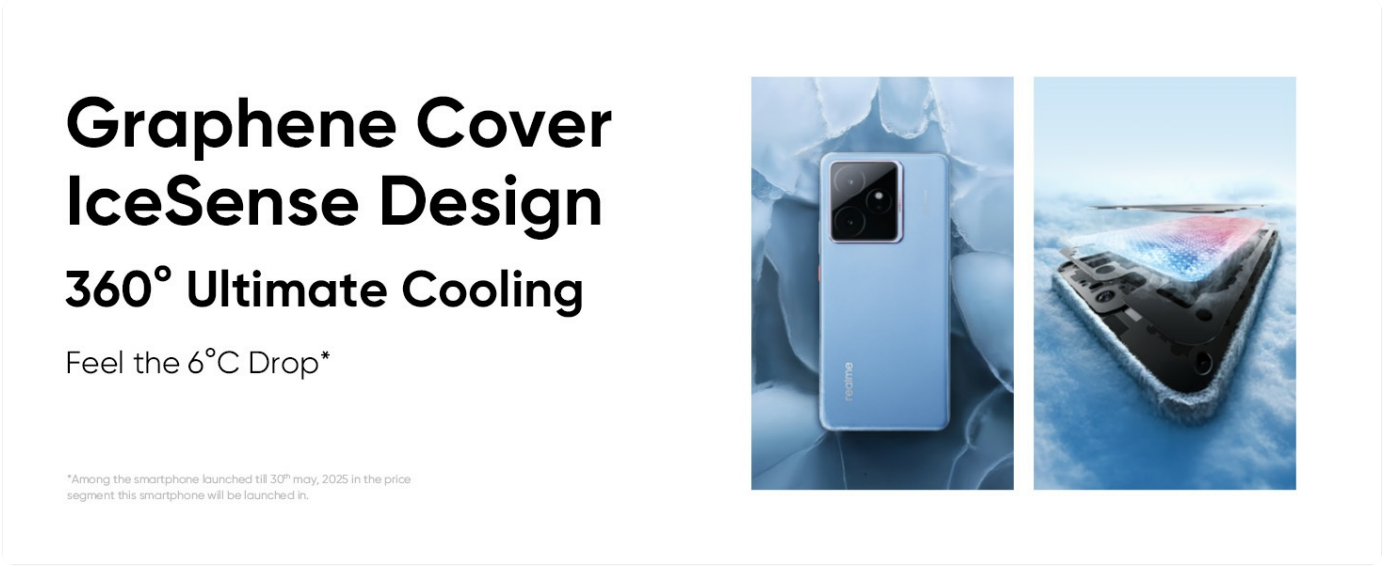


Figure 9: SignalCatcher Chip for Enhanced Connectivity. For more details, visit Certipedia.

Maintenance and Care

1. Battery Management

The 7000mAh battery with 120W Ultra Charge is designed for extended use. To maximize battery life:

- Avoid extreme temperatures.
- Use the original charger and cable for optimal charging speed and safety.
- Enable battery saving modes when necessary.
- The device also supports wired reverse charging, allowing it to act as a power bank for other devices.

2. Cooling System

The 360° IceSense Cooling with Graphene cover helps maintain optimal device temperature during intensive tasks.

- Ensure the device is not covered during heavy usage to allow proper heat dissipation.
- Avoid using the phone in direct sunlight for prolonged periods.



Figure 10: 360° IceSense Cooling with Graphene

3. Software Updates

realme provides 4 major OS updates and 6 years of system maintenance to ensure your device remains secure and up-to-date. Regularly check for and install software updates:

1. Go to **Settings** > **About device** > **realme UI version**.
2. Tap on **Check for updates** and follow the prompts.

4. Durability Features

The realme GT 7 is built with durability in mind:

- **IP69 Dust & Water Resistance:** Provides protection against dust ingress and high-pressure, high-temperature water jets.
- **ArmorShell™ Glass:** Enhances screen durability against drops and scratches.



Figure 11: IP69 Dust & Water Resistance

5. Cleaning Your Device

To clean your realme GT 7:

- Power off the device before cleaning.
- Use a soft, lint-free cloth to wipe the screen and body.
- For stubborn smudges, slightly dampen the cloth with water or a screen cleaner. Avoid harsh chemicals.
- Do not spray cleaners directly onto the device.

Troubleshooting

If you encounter issues with your realme GT 7, refer to the following common solutions:

- **Device Not Powering On:** Ensure the battery is charged. Connect the charger and wait a few minutes before attempting to power on again. If unresponsive, try a forced restart by holding the Power button and Volume Up button simultaneously for about 10-15 seconds.
- **Charging Issues:** Verify the charger and USB cable are securely connected and undamaged. Try a different power outlet. If using a non-realme charger, ensure it meets the device's power requirements.
- **Network Connectivity Problems:** Check if Airplane Mode is off. Restart the device. Verify your SIM card is correctly inserted and active. Go to **Settings** > **Mobile network** to check network settings.
- **App Crashing or Freezing:** Close the problematic app and reopen it. Clear the app's cache (**Settings** > **Apps** > [App Name] > **Storage usage** > **Clear cache**). If the issue persists, uninstall and reinstall the app.
- **Overheating:** Close background applications, reduce screen brightness, and avoid using the device while charging or in direct sunlight. The IceSense Cooling system helps, but extreme conditions can still cause heating.
- **Fingerprint Sensor Not Working:** Ensure your finger is clean and dry. Re-register your fingerprint in **Settings** > **Password & security** > **Fingerprint**.

For persistent issues, consider performing a factory reset (backup your data first) or contact realme customer support.

Technical Specifications

Feature	Specification
Brand	realme
Model	GT 7
Operating System	Android 15
CPU Model	MediaTek Dimensity 9400
CPU Speed	3.4 GHz
RAM Memory	8 GB
Memory Storage Capacity	256 GB
Colour	IceSense Blue
SIM Card Slot Count	Dual SIM

Feature	Specification
Connector Type	USB Type C
Biometric Security	Fingerprint Recognition
Water Resistance Level	Water Resistant (IP69)
Front Photo Sensor Resolution	32 MP
Rear Facing Camera Photo Sensor Resolution	50 MP
Number of Rear Cameras	3
Battery Capacity	7000 Milliamp Hours
Item Weight	206 Grams
Item Dimensions	16.2 x 7.6 x 0.8 Centimeters
Screen Size	17.22 Centimetres
Display Resolution	1264 x 2780
Refresh Rate	120 Hz
Display Type	OLED
Cellular Technology	5G
Wireless Network Technology	Bluetooth, GSM, LTE, NFC, Wi-Fi
Model Year	2025
Effective Video Resolution	4320 Pixels (4K)
Frame Rate	120 FPS (for video capture)

Warranty and Support

1. Warranty Information

Your realme GT 7 comes with the following warranty:

- **Handset:** 1 Year manufacturer warranty.
- **Accessories:** 6 months manufacturer warranty.

Please retain your proof of purchase for warranty claims.

2. Manufacturer Support

For further assistance, technical support, or service requests, please contact realme customer service. You can find contact details on the official realme website or through the support section in your device settings.
Manufacturer: OPPO MOBILES INDIA PRIVATE LIMITED
Address: PLOT-NO.1, SECTOR ECOTECH-VII, GREATER NOIDA, UTTAR PRADESH, 201306

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