

REDMAGIC 11 Air

REDMAGIC 11 Air Gaming Smartphone User Manual

1. INTRODUCTION

Welcome to the REDMAGIC 11 Air user manual. This guide provides essential information for setting up, operating, maintaining, and troubleshooting your new gaming smartphone. Please read this manual thoroughly to ensure optimal performance and a seamless gaming experience.

2. PRODUCT OVERVIEW

The REDMAGIC 11 Air is a high-performance gaming smartphone designed for an immersive mobile gaming experience. It combines cutting-edge hardware with advanced cooling and display technologies.

2.1 Unparalleled Performance

The REDMAGIC 11 Air is powered by Qualcomm's flagship Snapdragon 8 Elite SoC, featuring a maximum clock speed of 4.32GHz. This ensures high-level processing capabilities across all gaming scenarios. Coupled with LPDDR5X Ultra memory and UFS 4.1 storage, the device delivers exceptional overall performance from computation to data handling. The dedicated 'Red Core 4' gaming chip further optimizes SoC performance for smooth visuals, stable high frame rates, and immersive sound and vibration.



Figure 2.1: Snapdragon 8 Elite chip highlighting performance improvements.



Figure 2.2: LPDDR5X Ultra memory and UFS 4.1 storage for enhanced speed.

2.2 Advanced Cooling System

The REDMAGIC 11 Air is the first in the Air series to integrate a high-speed cooling fan, reaching up to 24,000 RPM. Its newly designed fan blades increase airflow and pressure by 21% and expand the air delivery range by 40%. Dust resistance is improved by 30%, and noise is reduced by 50%, ensuring comfortable long gaming sessions. The aerospace-grade aluminum frame provides high thermal conductivity and strength while maintaining a thin and lightweight profile. A high-density capillary structure within the device ensures smooth coolant circulation, efficiently dissipating heat during intense use to maintain stable performance.

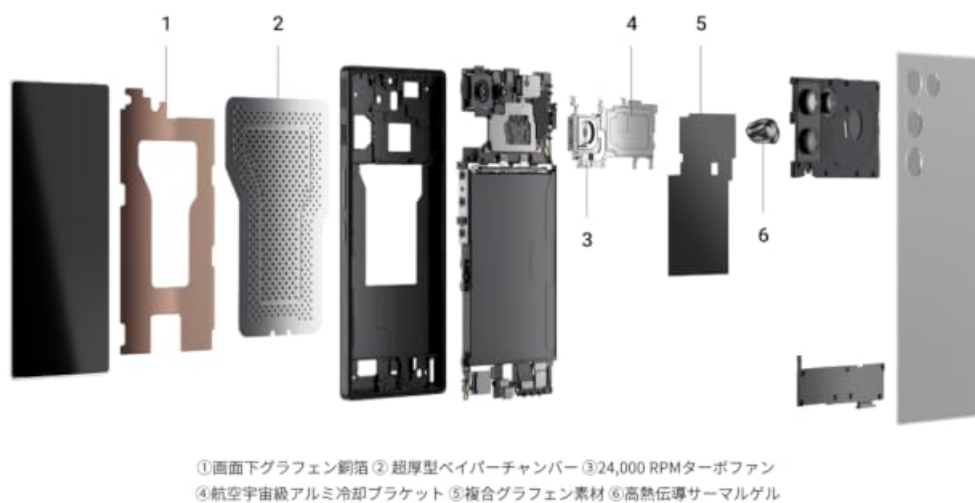


Figure 2.3: Integrated cooling fan and Vapor Chamber for efficient heat dissipation.



Figure 2.4: Exploded view of the multi-layer cooling system.

2.3 Immersive Display and Responsive Controls

The REDMAGIC 11 Air features a vibrant, high-definition 6.8-inch AMOLED display. With bezels as thin as 1.25mm, it achieves a 95.1% screen-to-body ratio, providing a seamless and immersive visual experience. For control, a maximum 144Hz refresh rate and an instant touch sampling rate of up to 2,500Hz ensure that finger movements are accurately reflected in milliseconds. REDMAGIC's proprietary 'Magic Touch Technology' minimizes lag and misoperation, enabling precise control during critical gaming moments.



Figure 2.5: The REDMAGIC 11 Air's immersive full-screen display.

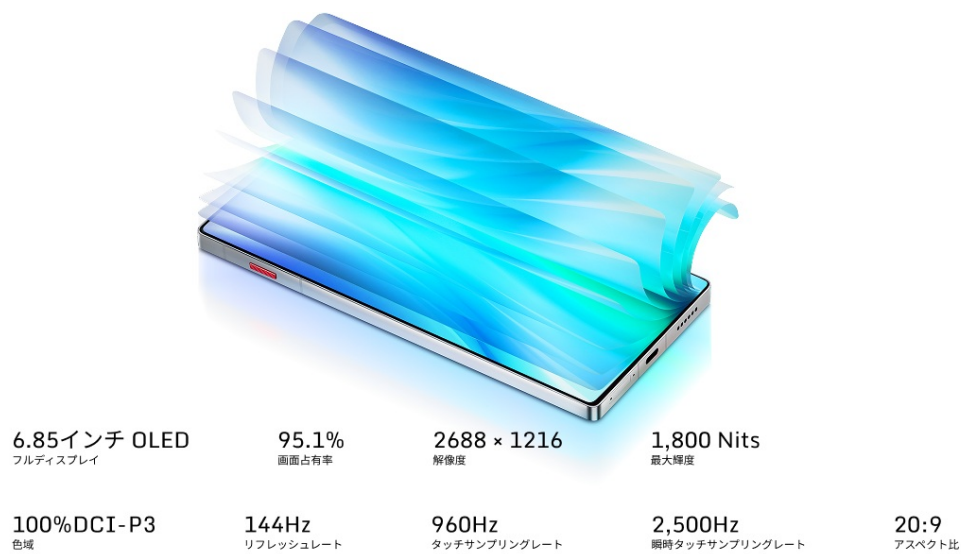


Figure 2.6: Display specifications for clarity and responsiveness.

2.4 Long-Lasting Battery and Fast Charging

The REDMAGIC 11 Air is equipped with a 7,000mAh battery, the largest in the Air series. Despite this significant capacity increase from the previous '10 Air' model, the device maintains a similar size, offering a comfortable and lightweight feel. It supports up to 80W wired fast charging, allowing for quick recharges so you can focus on gaming without battery concerns. The device also features 'Charge Separation (Bypass Charging)' functionality, which directly powers the device without passing through the battery. This helps suppress heat generation during extended gaming sessions or live streaming and prevents battery degradation, ensuring stable long-term performance.

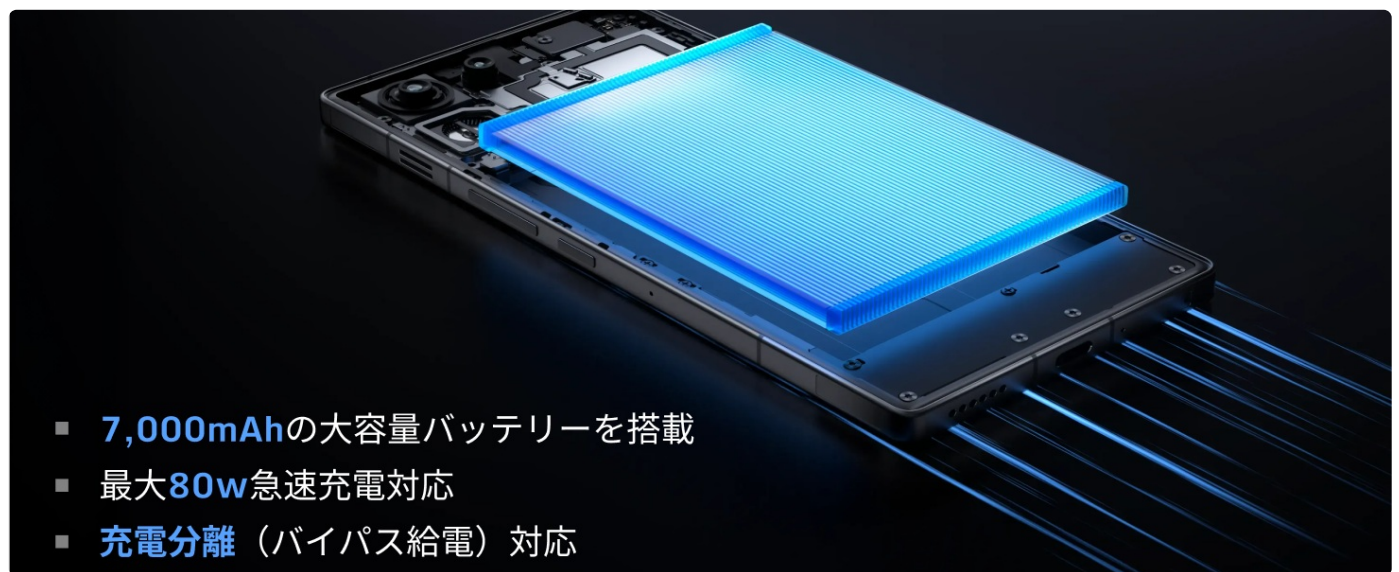


Figure 2.7: High-capacity battery and fast charging features.

2.5 Future-Inspired Design

The REDMAGIC 11 Air features a transparent 'skeleton design' that blends futuristic aesthetics with a retro feel. The back incorporates 3D curved glass that naturally fits the palm, complemented by a metallic frame for an exceptional fit and comfortable feel. Behind the transparent and robust glass panel, elements like a record-like circle, circuit lines, and geometric patterns merge beautifully, redefining the aesthetics of gaming smartphones.

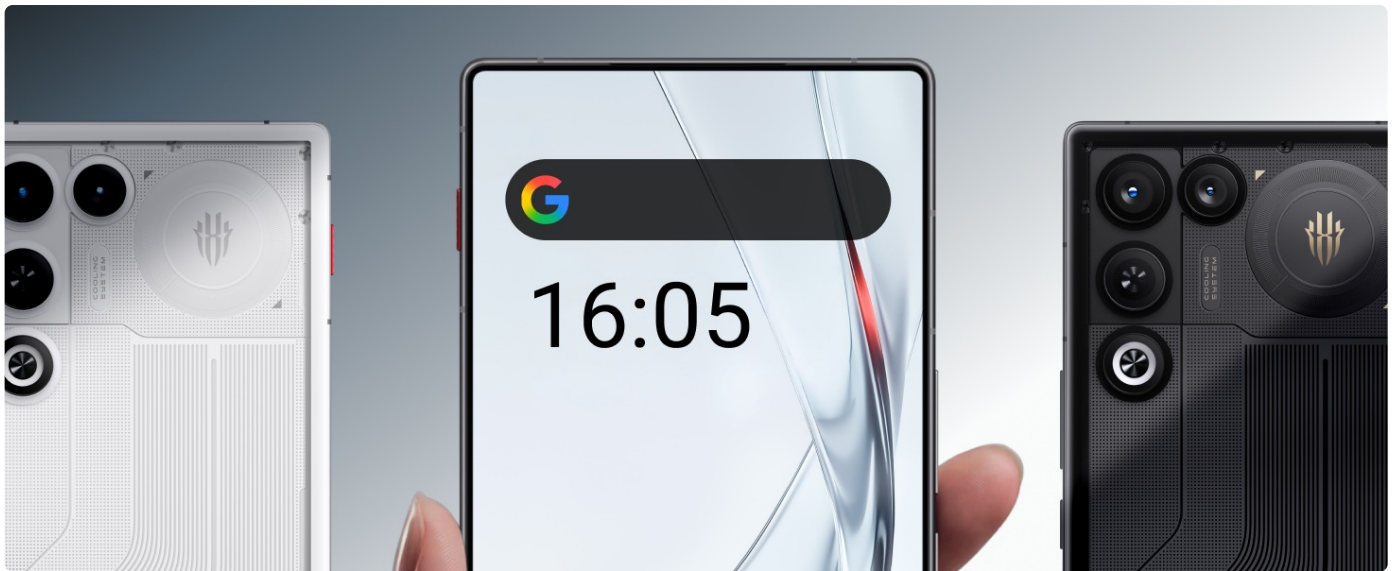


Figure 2.8: The unique transparent skeleton design.

2.6 Gaming Features and Connectivity

The device includes industry-leading 520Hz shoulder triggers for enhanced control. The evolved 'Game Space' provides a dedicated environment for optimizing gaming performance. It supports 5G mobile technology, Wi-Fi 7, Bluetooth 5.4, and USB 2.0 Type-C (OTG compatible). For durability, it features IP54 dust and water resistance.



Figure 2.9: Shoulder triggers for precise in-game control.



Figure 2.10: The dedicated 'Game Space' for optimized gaming.



Figure 2.11: IP54 dust and water resistance for added durability.

3. SETUP

3.1 Unboxing

Carefully remove all components from the packaging. The box should contain:

- REDMAGIC 11 Air Smartphone
- 80W GaN Fast Charger (Type-C)
- USB-C to USB-C Charging Cable
- SIM Tray Ejector
- Quick Start Guide
- Phone Case

3.2 SIM Card Installation

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 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 seated.
4. Carefully reinsert the SIM tray into the device.

3.3 Powering On

Press and hold the Power button (located on the right side of the device) until the REDMAGIC logo appears on the screen.

3.4 Initial Setup

Follow the on-screen prompts to complete the initial setup, including language selection, Wi-Fi connection, Google account login, and security settings (fingerprint, PIN, or pattern).

4. OPERATING INSTRUCTIONS

4.1 Basic Navigation

The REDMAGIC 11 Air runs on Android 16. Navigate the interface using touch gestures:

- **Swipe Up:** Access the app drawer.
- **Swipe Down:** Access quick settings and notifications.
- **Tap:** Select items.
- **Pinch:** Zoom in or out.

4.2 Gaming Mode (Game Space)

Activate Game Space by sliding the dedicated red switch on the side of the phone. Game Space optimizes performance, blocks notifications, and provides in-game tools for an enhanced gaming experience. Customize settings within Game Space for individual games.

4.3 Shoulder Trigger Usage

The REDMAGIC 11 Air features two shoulder triggers on the top edge of the device. These can be mapped to in-game actions (e.g., shooting, aiming) for a console-like control experience. Configure trigger mappings within Game Space for each game.

4.4 Charging

Connect the provided USB-C cable to the phone's charging port and the 80W GaN fast charger. Plug the charger into a power outlet. The device supports fast charging and bypass charging. For bypass charging, enable the feature in the battery settings or Game Space to reduce heat during extended play.

5. MAINTENANCE

5.1 Cleaning

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

5.2 Battery Care

To prolong battery life:

- Avoid extreme temperatures.
- Do not let the battery completely drain frequently.
- Utilize bypass charging during long gaming sessions to reduce battery wear.

5.3 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 > System > System Update** to check for updates.

6. TROUBLESHOOTING

6.1 Device Not Powering On

- Ensure the battery is charged. Connect the device to the charger for at least 15 minutes before attempting to power on.
- Press and hold the Power button for 10-15 seconds to force a restart.

6.2 Charging Issues

- Check if the charging cable and adapter are securely connected.
- Try using a different USB-C cable and charger to rule out faulty accessories.
- Inspect the charging port for any debris or damage.

6.3 Performance Lag During Gaming

- Ensure Game Space is activated and optimized for the specific game.
- Close unnecessary background applications.
- Check for and install any available software updates.
- Ensure the device is not overheating. The internal cooling fan should activate automatically during intense gaming.

6.4 Network Connectivity Problems

- For Wi-Fi, try restarting your router and the phone.
- For mobile data, ensure your SIM card is properly installed and your mobile plan is active.
- Toggle Airplane Mode on and off.

7. SPECIFICATIONS

Feature	Specification
Brand	REDMAGIC
Model	11 Air
Operating System	Android 16
Installed RAM	12 GB
CPU Model	Snapdragon 8 Elite
CPU Speed	4.32 GHz
Internal Storage	256 GB
Color	Black
Connector Type	USB Type-C
Form Factor	Straight
Water Resistance	Moisture-proof (IP54)
Headphone Jack	3.5 mm
Rear Camera Resolution	50 MP
Battery Capacity	7050 mAh (Lithium Ion)
Product Dimensions	16.4 x 7.7 x 0.8 cm
Refresh Rate	144 Hz
Display Type	AMOLED

Wireless Provider	All network carriers (SIM-free)
Mobile Technology	5G
Connectivity	Bluetooth 5.4, USB 2.0 Type-C (OTG compatible), Wi-Fi 7, Fingerprint sensor, Infrared sensor
Release Year	2026
Country of Origin	China
Included Components	80W GaN fast charger (Type-C), C to C charging cable, SIM tray ejector, Quick Start Guide, Phone case
Product Use	Gaming

8. WARRANTY AND SUPPORT

8.1 Warranty Information

The REDMAGIC 11 Air comes with a **1-year manufacturer's warranty** from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use. Please retain your proof of purchase for warranty claims.

8.2 Customer Support

For technical assistance, troubleshooting, or warranty inquiries, please contact REDMAGIC customer support through their official website or the contact information provided with your purchase. Ensure you have your device's model number and serial number ready when contacting support.

Official REDMAGIC Website: www.redmagic.gg

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

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