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CUBOT CUBOT KingKong ACE2

CUBOT KingKong ACE2 Rugged Phone User Manual

Model: CUBOT KingKong ACE2

1. Introduction

Welcome to the user manual for your CUBOT KingKong ACE2 Rugged Phone. This guide provides essential information to help you set up, operate, and maintain your device. The KingKong ACE2 is designed for durability and performance, featuring a robust build, dual screens, and advanced camera capabilities, powered by Android 14.



Image: Front and back view of the CUBOT KingKong ACE2 Rugged Phone, highlighting its robust design and dual screen feature.

2. What's in the Box

Please check the contents of your package to ensure all items are present:

- 1x CUBOT KingKong ACE2 Rugged Smartphone
- 1x USB Cable
- 1x Charger (18W)
- 1x Packaging box
- 1x User Manual (this document)
- 1x Protective film
- 1x SIM pin
- 1x Quick Start Guide
- 1x Compliance document



Image: Visual representation of the items included in the CUBOT KingKong ACE2 package.

3. Setup

3.1. Inserting SIM Cards and MicroSD Card

1. Locate the SIM card tray on the side of the phone.
2. Use the provided SIM ejector tool to open the tray.
3. Carefully place your Nano-SIM cards (up to two) and/or a MicroSD card (up to 1TB, not included) into the designated slots on the tray. Ensure the gold contacts are facing down.
4. Gently push the tray back into the phone until it is flush with the device body.

3.2. Charging the Battery

Before first use, fully charge the phone's battery. Use the included 18W charger and USB cable.

- Connect the USB cable to the charger and the phone's charging port.
- Plug the charger into a power outlet.
- The charging indicator will appear on the screen.

3.3. Powering On/Off

- To power on: Press and hold the Power button until the CUBOT logo appears.
- To power off: Press and hold the Power button, then select 'Power off' from the options.

4. Operating Your Device

4.1. Display Features

The KingKong ACE2 features a dual-screen design for enhanced usability.

- **Main Display:** A 6.56-inch HD+ display with a 90Hz refresh rate for smooth visuals and responsive touch.
- **1.32-inch Chic Back Screen:** A circular mini-display on the rear for quick access to notifications, time, music controls, and more without needing to flip the phone over.



Image: Illustration of the CUBOT KingKong ACE2's 6.56-inch HD+ 90Hz main display and the 1.32-inch circular mini back screen.

4.2. Performance

Experience smooth and efficient performance with the KingKong ACE2's powerful hardware.

- **Processor:** Powered by a MediaTek Helio G85 Octa-Core 12nm Processor, ensuring smooth multitasking and gaming.
- **RAM:** 16GB RAM (6GB physical + 10GB virtual memory) for seamless application switching and heavy usage.
- **ROM:** 128GB internal storage, expandable up to 1TB via MicroSD card (not included), providing ample space for your files.



Image: Diagram illustrating the phone's powerful Octa-core processor, 16GB RAM (6GB+10GB virtual), and 128GB ROM with 1TB expansion capability.

4.3. Camera Features

Capture stunning photos and videos with the versatile camera system.

- **Main Camera:** 48MP rear camera for high-resolution photos.
- **Front Camera:** 16MP front camera for clear selfies and video calls.
- **Macro Lens:** 2MP macro lens for capturing intricate details up close.
- **Shooting Modes:** Includes Underwater mode, Night View, Macro, HDR, Pro, and more.

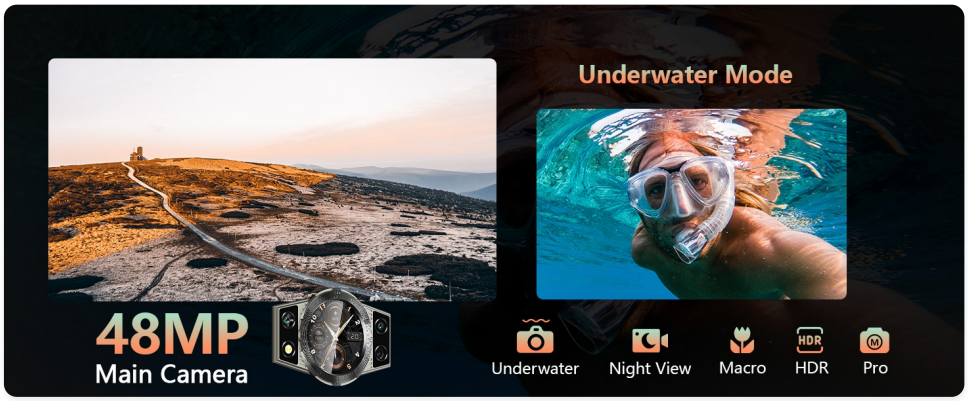


Image: Demonstrates the 48MP main camera's capability and highlights the dedicated Underwater mode for photography.

4.4. Battery Life

The KingKong ACE2 is equipped with a large capacity battery to keep you powered throughout your day.

- **Capacity:** 5100mAh battery.
- **Usage:** Provides up to 480 hours of standby, 22 hours of calling, 22 hours of music playback, and 7 hours of video playback.
- **OTG Functionality:** Supports On-The-Go (OTG) for connecting external devices (cable not included).



Image: Visual representation of the 5100mAh battery capacity and its estimated usage times for standby, calling, music, and video.

4.5. Operating System

The phone runs on the latest Android 14 operating system, offering enhanced features and user experience.

- Enjoy improved privacy controls, personalization options, and overall system fluency.



Image: Screenshot of the Android 14 interface on the CUBOT KingKong ACE2, showcasing various apps and features.

4.6. Connectivity and Navigation

Stay connected and navigate with precision.

- **4G Dual SIM:** Supports two SIM cards for flexible network usage. (Note: At&t, Cricket, and Verizon are not supported. Please confirm carrier compatibility before purchase.)
- **NFC:** For effortless Google Pay and other NFC-enabled transactions.
- **GPS:** Integrated navigation system with GPS, Beidou, GLONASS, and Galileo for accurate positioning.
- **Bluetooth:** Bluetooth 5.0 for wireless connectivity with accessories.
- **Wi-Fi:** Supports 2.4G/5G Wi-Fi for fast internet access.

4.7. Security Features

Secure your device with convenient unlocking methods.

- **Side-mounted Fingerprint Scanner:** For quick and secure unlocking.
- **Face ID:** Unlock your phone using facial recognition.

4.8. Custom Key

The KingKong ACE2 features a customizable physical key on the side for quick actions:

- **Single Click:** Assign a specific function.
- **Double Click:** Assign another function.
- **Long Press:** Assign a third function.



Image: Overview of the phone's connectivity features including GPS, Bluetooth, Wi-Fi, Face ID, Fingerprint scanner, NFC, and Dual SIM support, along with the custom key.

5. Durability and Protection

The CUBOT KingKong ACE2 is built to withstand harsh environments and accidental impacts.

- **IP68 Certified:** Water-resistant up to 1.5 meters for 30 minutes.
- **IP69K Certified:** Provides protection against high-pressure, high-temperature water jets and 360° dust ingress.
- **MIL-STD-810H Certified:** Military-grade durability, capable of withstanding drops from up to 1.5 meters.



Image: Visuals demonstrating the phone's IP68 water resistance, IP69K dust protection, and MIL-STD-810H drop resistance.

6. Specifications

Feature	Specification
Model Name	CUBOT KingKong ACE2
Operating System	Android 14
Display Size	6.56 Inches HD+ Main Screen, 1.32 Inches Mini Back Screen
Resolution	1280 x 720
Refresh Rate	90 Hz
Processor	MediaTek Helio G85 Octa-Core (2 GHz CPU Speed)
RAM	16 GB (6GB physical + 10GB virtual)
Internal Storage	128 GB (Expandable up to 1TB via TF card)
Main Camera	48 MP
Front Camera	16 MP

Feature	Specification
Battery Capacity	5100 mAh
Charging	18W Fast Charging
Durability	IP68, IP69K, MIL-STD-810H
Connectivity	4G Dual SIM, NFC, GPS (GPS, Beidou, GLONASS, Galileo), Bluetooth 5.0, Wi-Fi (2.4G/5G)
Security	Side-mounted Fingerprint, Face ID
Dimensions	6.84 x 3.22 x 0.5 inches
Item Weight	1.47 pounds

7. Troubleshooting

If you encounter any issues with your CUBOT KingKong ACE2, please refer to the following common solutions:

- **Phone not turning on:** Ensure the battery is charged. Connect the phone to the charger and wait a few minutes before attempting to power on again.
- **Apps crashing or freezing:** Close background applications. Clear the cache of the problematic app in Settings > Apps. If the issue persists, restart the phone.
- **Poor network signal:** Check if your SIM card is properly inserted. Move to an area with better network coverage. Ensure your carrier is supported by the device.
- **Battery draining quickly:** Reduce screen brightness, disable unused features like Wi-Fi, Bluetooth, and GPS when not needed. Close power-intensive apps running in the background.
- **Touchscreen unresponsive:** Restart the phone. If the issue continues, perform a factory reset (note: this will erase all data).
- **Water or dust exposure:** While the phone is rugged, ensure all port covers are securely closed before exposing it to water or dust. If exposed, wipe it dry thoroughly before charging.

For more complex issues, please contact CUBOT Official Service.

8. Warranty and Support

CUBOT is committed to providing excellent customer service for your KingKong ACE2 Rugged Phone.

- **Return Policy:** CUBOT offers 30 days no-reason return.
- **Technical Support:** Long-term technical support is available.
- **Customer Service:** 24 hours online customer service is provided.

For any inquiries or support needs, please refer to the contact information provided with your purchase or visit the official CUBOT website.

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