

## Ulefone Ulefone Power Armor X11 Pro

# Ulefone Power Armor X11 Pro User Manual

Rugged Smartphone Unlocked Power Armor X11 Pro

## 1. INTRODUCTION

The Ulefone Power Armor X11 Pro is a rugged smartphone designed for durability and extended use. It features a large 8150mAh battery, an octa-core processor, and is built to withstand harsh environments with IP68/IP69K and MIL-STD-810G certifications. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your device.



Figure 1.1: Overview of Ulefone Power Armor X11 Pro key features.

## 2. WHAT'S IN THE BOX

Upon opening the package, verify that all the following items are included:

- Ulefone Power Armor X11 Pro Smartphone
- Power Adapter

- USB Data Cable
- User Manual
- Tempered Glass Screen Protector
- Lanyard
- SIM Needle (Ejector Pin)
- Headphone Extension Cable

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Video 2.1: Unboxing and initial hands-on with the Ulefone Power Armor X11 Pro, demonstrating the contents of the retail package.

## 3. SETUP

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### 3.1 Inserting SIM Cards and MicroSD Card

The Ulefone Power Armor X11 Pro supports dual Nano SIM cards and one microSD card for expandable storage. To insert the cards:

1. Locate the SIM card tray on the side of the device.
2. Use the provided SIM needle to gently press into the small hole next to the tray until it ejects.
3. Carefully pull out the tray.
4. Place your Nano SIM cards and microSD card into the designated slots on the tray, ensuring correct orientation.
5. Gently push the tray back into the device until it clicks into place. Ensure the tray is fully sealed to maintain water and dust resistance.



Figure 3.1: Front and back view of the Ulefone Power Armor X11 Pro, showing the general layout.

## 3.2 Initial Power On and Setup

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 Ulefone logo appears on the screen.
2. Follow the on-screen prompts to complete the initial setup, including language selection, Wi-Fi connection, Google account login, and security settings.
3. It is recommended to remove the protective film from the screen after initial setup for optimal display clarity.

## 4. OPERATING YOUR DEVICE

### 4.1 Basic Navigation

The Power Armor X11 Pro runs on Android 12, offering an intuitive user experience. Navigate using touch gestures: tap to select, swipe to scroll, pinch to zoom.

## 4.2 Calls and Messaging

Use the Phone app to make calls and the Messages app for SMS/MMS. The dual SIM support allows you to manage two different numbers simultaneously.

## 4.3 Headset-Free FM Radio

Enjoy FM radio without needing to plug in headphones. Simply open the FM Radio app and tune into your favorite stations. This feature is particularly useful for outdoor activities.

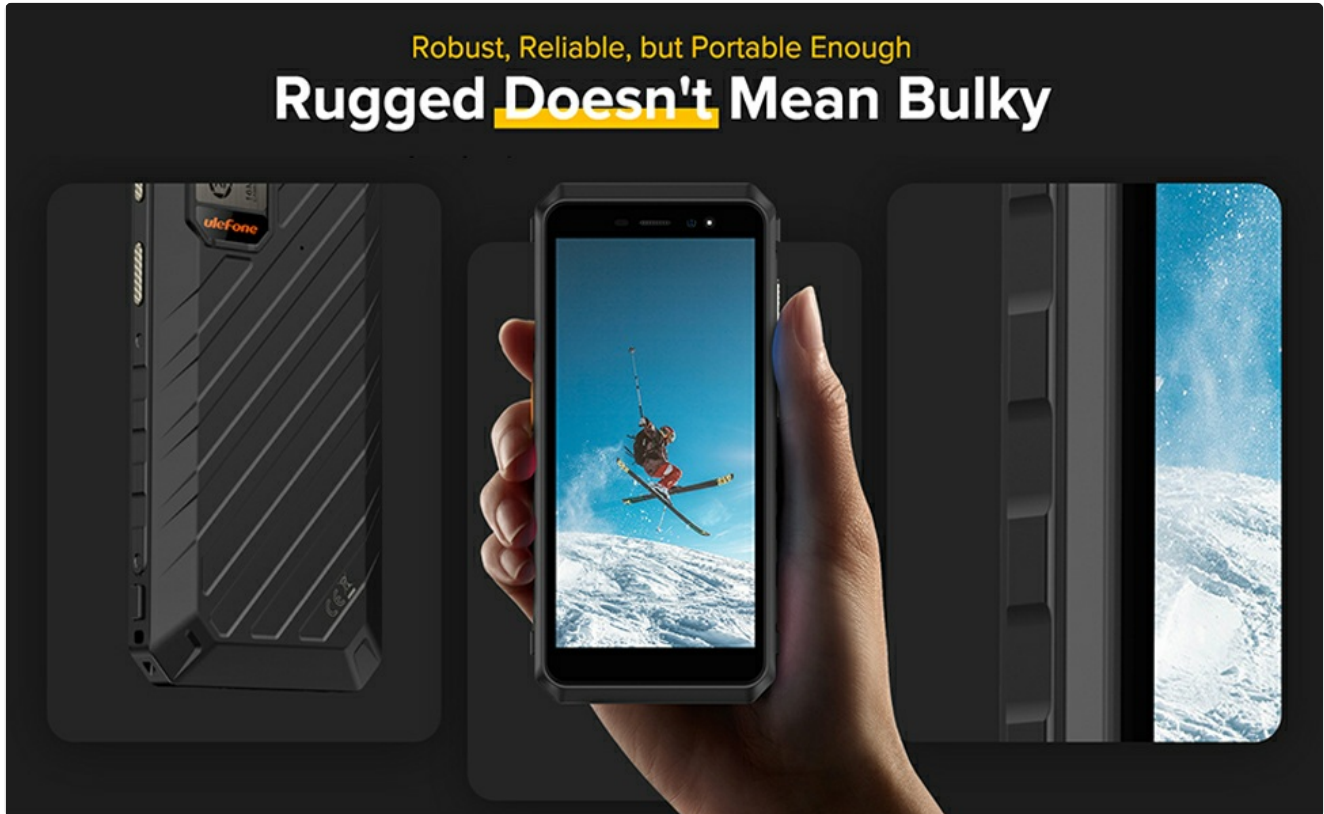


Figure 4.1: Additional features of the Ulefone Power Armor X11 Pro.

## 4.4 NFC and Google Pay

The device supports NFC (Near Field Communication) for contactless payments via Google Pay and quick data transfer with compatible devices.

## 4.5 Custom Key

The programmable custom key on the side of the phone can be configured for quick access to specific functions, such as Push-to-Talk (PTT), flashlight, or underwater camera mode.

## 4.6 Navigation Systems

The Power Armor X11 Pro integrates multiple global navigation satellite systems (GPS, GLONASS, Galileo, BeiDou) for accurate positioning and navigation.

# 5. KEY FEATURES


## 5.1 8150mAh Mega Battery

Equipped with an 8150mAh battery, the Power Armor X11 Pro offers extended usage times, providing up to 4 days of normal use on a single charge. It also supports 5W OTG reverse charging, allowing you to use your phone as a power bank for other devices.



# Powerful, Efficient 8-Core Gaming Processor

The MediaTek Helio G25 octa-core chip offers a great balance between performance and power efficiency, with 2.0GHz high-frequency Arm Cortex-A53 CPU and 520MHz IMG PowerVR GE8320 GPU. It comes with 4GB of RAM and 64GB of internal storage that suit most of the usage scenarios of the phone, while also supporting a 128GB microSD card for more possibilities.



<b>2.0GHz</b>	<b>520MHz</b>	<b>4GB RAM</b>	<b>128GB</b>
Arm Cortex-A53	IMG PowerVR GE8320	64GB ROM	TF Card* Extendable

\*The microSD card needs to be purchased separately if needed.

Figure 5.1: Battery performance metrics for the 8150mAh battery.

## 5.2 Powerful, Efficient 8-Core Processor

The device is powered by a MediaTek Helio G25 octa-core processor, ensuring smooth performance for multitasking, gaming, and everyday applications. It comes with 4GB RAM (expandable with virtual RAM) and 64GB internal storage, further expandable up to 2TB via microSD card.

# 16MP Dual Rear Camera + 5MP Front Camera



ULEFONE POWER ARMOR X11 PRO

Figure 5.2: Details of the MediaTek Helio G25 processor and memory configuration.

## 5.3 Uncompromising Ruggedness



The Power Armor X11 Pro is built to be highly durable, meeting IP68/IP69K and MIL-STD-810G standards. This means it is resistant to water immersion (up to 1.5m for 30 minutes), dust, and can withstand drops and extreme temperatures (-20°C to 55°C).



Figure 5.3: Demonstrating the rugged capabilities of the Power Armor X11 Pro.

### 5.4 Camera System

Capture moments with the 16MP dual rear camera and a 5MP front-facing camera. The device also features an underwater camera mode, allowing you to take photos and videos in wet conditions.

### More Functions, More Convenience

**Updated Android 12**  
More Safer, More Personal, More Reliable

**4 Navigation Systems**  
GPS GLONASS Beidou Galileo

**Activate Zello with Custom Key**

**Headset-Free FM Radio**  
Headset-Free FM Radio  
FM no longer needs a headphones

**Smart Multi-Use NFC**  
Automatic Control Scene Applicable

**Versatile Companion Digital Toolkit**

Figure 5.4: Camera specifications and example photos.

## 5.5 5.45-inch HD+ Display

The 5.45-inch HD+ display with an 18:9 ratio (1440 x 720 resolution) provides clear and vibrant visuals for all your content.

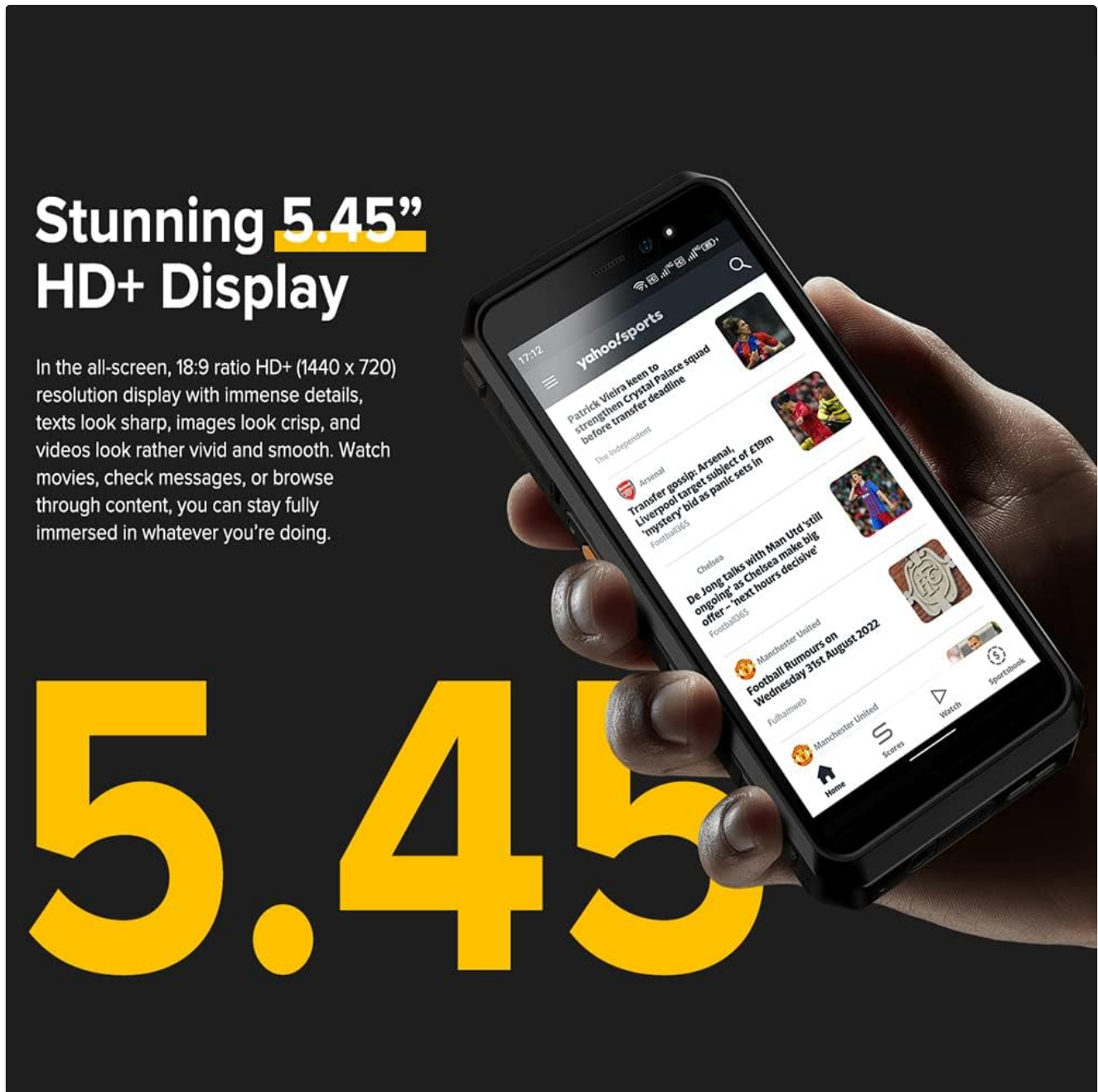


Figure 5.5: The 5.45-inch HD+ display in use.

## 6. MAINTENANCE

To ensure the longevity and optimal performance of your Ulefone Power Armor X11 Pro, follow these maintenance guidelines:

- **Cleaning:** Regularly wipe the screen and body with a soft, lint-free cloth. For stubborn dirt, use a slightly damp cloth. Avoid harsh chemicals or abrasive materials.
- **Water Resistance:** While the phone is waterproof, ensure all port covers (USB, headphone jack, SIM tray) are securely closed before exposing it to water. After exposure to water, dry the phone thoroughly, especially the charging port, before charging.

- **Temperature:** Avoid exposing the phone to extreme temperatures (below -20°C or above 55°C) for prolonged periods, as this can affect battery life and internal components.
- **Charging:** Use only the original charger and cable provided with the device to prevent damage to the battery and phone.
- **Software Updates:** Keep your phone's software updated to the latest version to benefit from performance improvements, security patches, and new features.

## 7. TROUBLESHOOTING

This section addresses common issues you might encounter with your device.

Problem	Possible Cause	Solution
Phone does not power on	Low battery; software crash	Charge the phone for at least 30 minutes. Press and hold the Power button for 10-15 seconds to force restart.
Cannot connect to network	SIM card not inserted correctly; network settings issue; out of coverage area	Reinsert SIM card. Check network settings (Settings > Network & internet > Mobile network). Move to an area with better signal.
Apps crashing or freezing	Insufficient RAM; app bug; outdated software	Close background apps. Clear app cache (Settings > Apps > [App Name] > Storage & cache). Update the app or phone software.
Slow performance	Too many apps running; low storage; outdated software	Close unused apps. Free up storage by deleting unnecessary files. Perform a factory reset as a last resort (backup data first).
Charging issue	Damaged cable/adapter; dirty charging port	Try a different charger/cable. Clean the charging port gently with a dry, soft brush. Ensure the port is dry if exposed to water.

## 8. SPECIFICATIONS

Feature	Specification
Model Name	Ulefone Power Armor X11 Pro
Operating System	Android 12.0
Display Size	5.45 Inches
RAM Memory Installed Size	4 GB
Memory Storage Capacity	64 GB (Expandable up to 2TB via microSD)
Battery Capacity	8150 Milliamp Hours
Camera Features	16MP Dual Rear, 5MP Front
Connectivity Technologies	Bluetooth, Wi-Fi, USB, NFC
Cellular Technology	4G (GSM WCDMA, LTE)



Feature	Specification
Special Features	Rugged body, USB OTG support, Built-in GPS, Dual SIM, Waterproof
Item Weight	1.04 pounds
Dimensions	6.93 x 4.02 x 2.76 inches

## 9. WARRANTY AND SUPPORT

Ulefone provides a **1-year USA local warranty** for the Power Armor X11 Pro. For any questions, technical support, or warranty claims, please contact Ulefone customer service or the retailer from whom you purchased the device. Please retain your proof of purchase for warranty validation.

Documents - Ulefone – Ulefone Power Armor X11 Pro



[pdf] Specifications

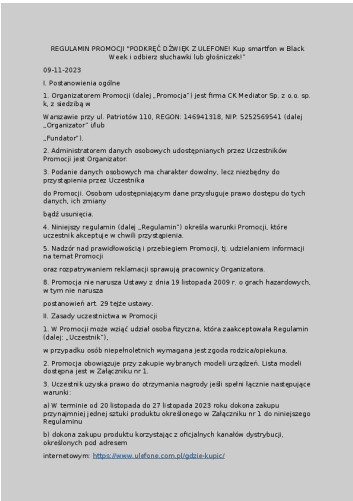
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**ULEFONE POWER ARMOR X11 PRO**The Power Armor X11 Pro is a rugged smartphone built for extreme conditions, featuring IP68/IP69K ratings and MIL-STD-810G certification for water, dust, and drop resistance. It has a 5.45-inch HD display, a powerful 8150mAh battery with 10W fast charging, and a MediaTe... lang:en score:53 filesize: 16.99 M page\_count: 2 document date: 2024-08-08



[pdf] User Manual Instructions

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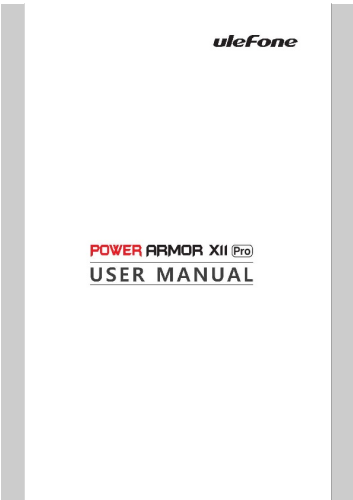
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**POWER ARMOR X11 Pro**  
**USER MANUAL**

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