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> Ulefone Power Armor 16 Pro Rugged Smartphone User Manual

## Ulefone Power Armor 16 Pro

# Ulefone Power Armor 16 Pro Rugged Smartphone User Manual

## INTRODUCTION

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This manual provides essential information for the safe and efficient operation of your Ulefone Power Armor 16 Pro rugged smartphone. Please read this guide thoroughly before using your device to ensure proper functionality and to maximize its features. Keep this manual for future reference.

# 9600mAh Big Battery



528 Hours  
Standby Time



63 Hours  
Listening Time



23 Hours  
Video Time

# 9600mAh



## Support Dock Charging

Not Including, The dock charger  
sold separately.)

Front view of the Ulefone Power Armor 16 Pro smartphone, showcasing its display and rugged design.

## WHAT'S IN THE BOX

Verify that all items are present in your product package:

- Ulefone Power Armor 16 Pro Smartphone
- AC Power Charger (100~240V /US plug)

- Data Cable (100cm)
- Protective Film (Pre-installed)
- Tempered Glass Screen Protector
- SIM Needle
- Lanyard
- Multi-Language User Manual
- Multi Function Instruction Card
- Charging Instruction Card
- Safety Prompt Card



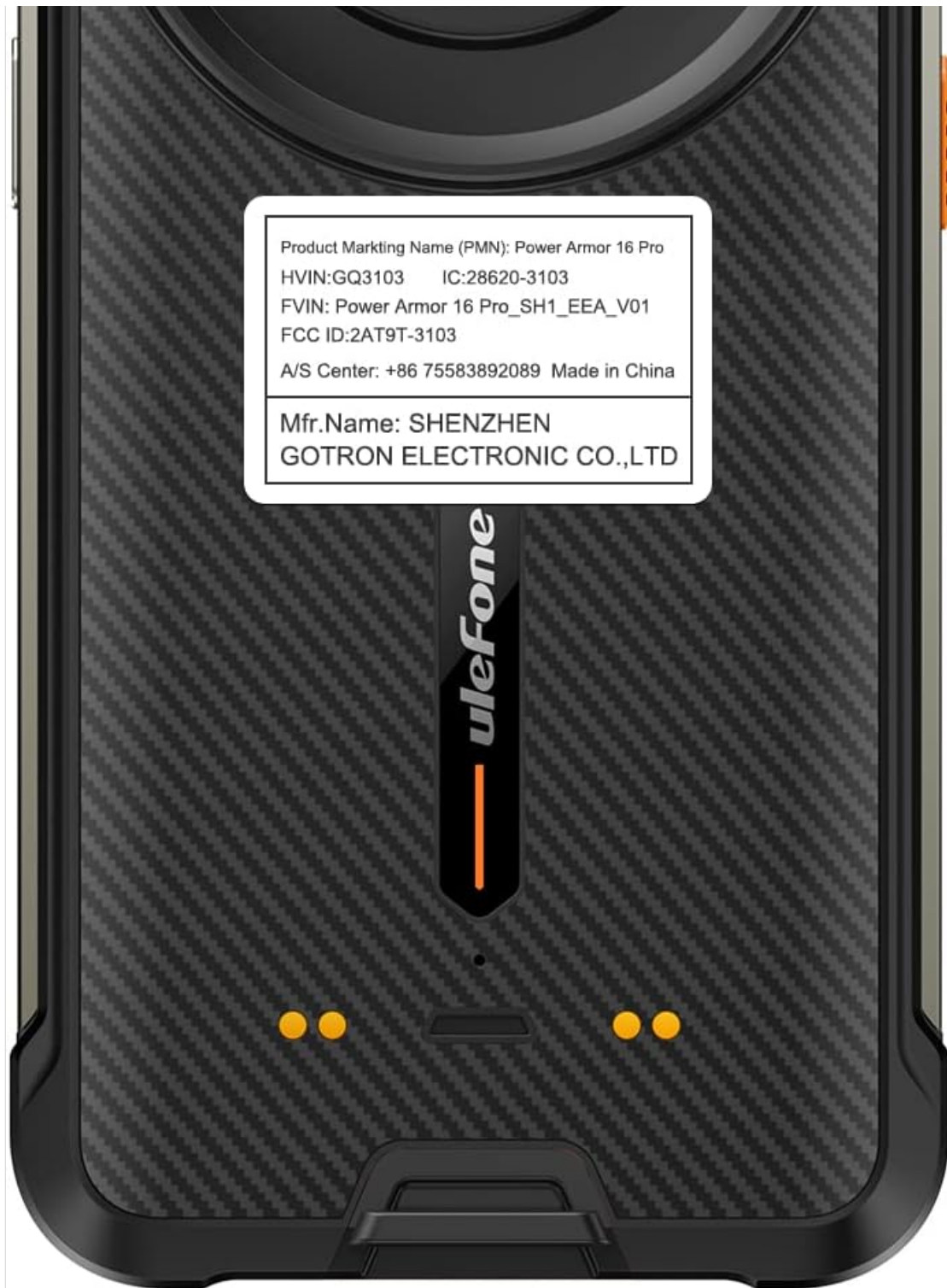
Image showing the Ulefone Power Armor 16 Pro smartphone and its included accessories, such as charger, cable, and documentation.

## PRODUCT OVERVIEW

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Familiarize yourself with the physical components and layout of your Ulefone Power Armor 16 Pro.





Rear view of the Ulefone Power Armor 16 Pro, highlighting the large speaker, camera module, and magnetic charging pins.

## SETUP

### 1. SIM Card and MicroSD Card Installation

Your device supports two Nano SIM cards and one MicroSD card simultaneously. Use the provided SIM needle to open the card tray.



Illustration of the 3-card slot, detailing how to insert two Nano SIM cards and one MicroSD card into the Ulefone Power Armor 16 Pro.

## 2. Initial Power On

Press and hold the power button located on the side of the device until the Ulefone logo appears. Follow the on-screen instructions to complete the initial setup, including language selection, network connection, and Google account setup.

## 3. Charging the Device

Connect the provided USB-C cable to the phone's charging port and the other end to the AC power charger. Plug the charger into a wall outlet. The device supports 18W fast charging. For convenient charging, a dock charger is available separately.



The Ulefone Power Armor 16 Pro displaying its 9600mAh battery capacity and 18W fast charging capability.



The Ulefone Power Armor 16 Pro being charged on an optional dock, illustrating the convenience of dock charging.

## OPERATING INSTRUCTIONS

### 1. Android 12 Operating System

Your device runs on Android 12, offering a personalized and secure user experience. Navigate through the interface using gestures and customize settings to your preference.



Various screenshots demonstrating the Android 12 operating system interface on the Ulefone Power Armor 16 Pro.

### 2. Camera Usage

The Ulefone Power Armor 16 Pro features a 16MP rear camera and an 8MP front camera. Open the camera application to capture photos and videos. Utilize the various modes available, including underwater photography.

## Customized Key

It is just a click to enter the PTT Intercom (Zello), flashlight, Screen Shot, other regular used apps, etc.

Single Click Double Click Long Press

PTT Button SOS Flashlight Underwater Camera Screen Shot Start Recording Application

Details of the 16MP rear camera and 8MP front camera on the Ulefone Power Armor 16 Pro, accompanied by example photographs.

## 16MP + 2MP Rear Camera

Composed of a 16MP main camera and a 2MP macro lens, making the photos clearer and more distinctive.

## 8MP Front Camera

Picture quality is clear and it is great to record yourself in a different state anytime and anywhere.

16MP Main Camera Flash 2MP Macro Lens

A person using the Ulefone Power Armor 16 Pro to take photos underwater, demonstrating its waterproof camera feature.

### 3. Built-in Glare Flashlight

The device includes a high-brightness flashlight located at the top. Activate it for illumination in dark environments. This feature is useful for outdoor activities, emergencies, or general utility.

## Practical Toolkit

Noise Test Compass Flashlight Gradiometer Height Meter Magnifier Hanging Painting Alarm Bell Pedometer Plumb Bob Protractor

The Ulefone Power Armor 16 Pro's integrated flashlight illuminating a dark area, useful for various situations.

#### 4. 122dB Loudest Speaker

The Power Armor 16 Pro features a 3.5W 122dB speaker, providing clear and loud audio output. This is ideal for outdoor use or when high volume is required.



Visual representation of the Ulefone Power Armor 16 Pro's 122dB loud speaker, emphasizing its audio capabilities.

#### 5. Customizable Key

The device includes a customizable side key. You can assign various functions to single click, double click, or long press actions, such as activating the flashlight, PTT intercom (Zello), screenshot, or opening specific applications.



An illustration detailing the customizable key on the Ulefone Power Armor 16 Pro and examples of functions that can be assigned to it.

#### 6. uSmart Expansion Connector

The Power Armor 16 Pro supports uSmart Expansion accessories, such as endoscopes and microscopes (sold separately). Connect these devices via the dedicated connector for specialized tasks.

Your browser does not support the video tag.

Official video demonstrating the connection and use of the Ulefone uSmart E02 Dual Camera Endoscope with the Power Armor 16 Pro smartphone.

## 7. Digital Toolkit

Access a suite of practical tools including Noise Test, Compass, Flashlight, Gradiometer, Height Meter, Magnifier, Hanging Painting, Alarm Bell, Pedometer, Plumb Bob, and Protractor. These tools are available in the Digital Toolkit application.



The Ulefone Power Armor 16 Pro showcasing its built-in Digital Toolkit, featuring various utility applications.

## 8. Navigation System

The device integrates GPS, GLONASS, Beidou, and Galileo navigation systems, along with a digital compass, for accurate positioning and navigation.



The Ulefone Power Armor 16 Pro showing a map with GPS navigation, highlighting its multi-system satellite support.

## CONNECTIVITY

### 1. 4G LTE Dual SIM

The Power Armor 16 Pro supports global 4G frequency bands and features a 3-card slot for two Nano SIM cards and one TF card. This allows for flexible network usage and expanded storage.

## 5.93-inch Moderate Display

The display features a 5.93-inch diagonal, 720 x 1440 HD+ resolution, 270 PPI, wide color gamut and 10 multi-touch. It offers you splendid and comfortable vision experience, with sensitive screen touch.



The Ulefone Power Armor 16 Pro displaying its 4G global network capabilities and the physical 3-card slot for SIM and storage expansion.

### 2. Wi-Fi

Connect to available Wi-Fi networks for internet access. Go to **Settings > Network & internet > Wi-Fi** to manage your connections.

## SECURITY FEATURES

### 1. Face Unlock and Fingerprint ID

Secure your device using biometric authentication. Set up Face Unlock or Fingerprint ID in the security settings for convenient and secure access.

## 9600mAh Massive Battery

The super large 9600mAh battery powers the handset with 528 hours standby time and 52 hours call time. Besides, OTG reverse charging is supported for smartphones, laptops, etc.



The Ulefone Power Armor 16 Pro illustrating its Face Unlock and Fingerprint ID security options for quick and secure device access.

### 2. NFC and Google Pay

The device supports NFC (Near Field Communication) for contactless payments and data transfer. Set up Google Pay to make secure transactions with your phone.



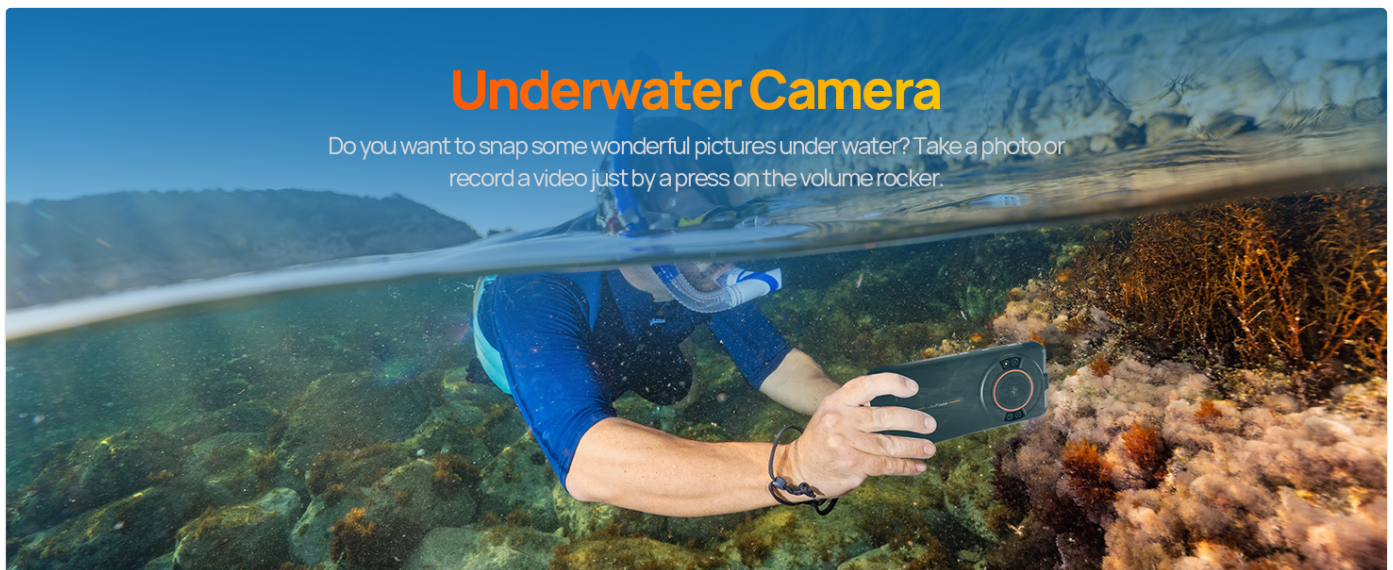
The Ulefone Power Armor 16 Pro demonstrating NFC functionality for mobile payments and public transport access.

## MAINTENANCE

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### 1. Ruggedness and Durability

The Ulefone Power Armor 16 Pro is designed to meet IP68, IP69K, and MIL-STD-810G standards, making it waterproof, dustproof, and drop-proof. It can withstand immersion in 1.5m of water for up to 30 minutes, drops from 1.5m, and is 99% resistant to dust, dirt, and sand. It operates in temperatures from -20°C to 50°C.



The Ulefone Power Armor 16 Pro shown in various rugged scenarios, highlighting its resistance to water, dust, and drops.

### 2. Battery Care

To prolong battery life, avoid extreme temperatures and fully discharging the battery frequently. Use only the provided charger and cable. If the device will not be used for an extended period, charge it to about 50% before storing.

## TROUBLESHOOTING

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- **Device not powering on:** Ensure the battery is charged. Connect to the charger and try again.
- **Screen unresponsive:** Restart the device by holding the power button. If unresponsive, force restart by holding power and volume down buttons simultaneously for 10 seconds.

- **Network issues:** Check SIM card insertion. Verify mobile data is enabled in settings. Contact your carrier if issues persist.
- **Apps crashing:** Clear the cache of the problematic app (Settings > Apps > [App Name] > Storage & cache > Clear cache). If the issue continues, reinstall the app.
- **Slow performance:** Close unnecessary background apps. Clear cache and temporary files. Consider a factory reset as a last resort (back up data first).

## SPECIFICATIONS

Feature	Specification
Brand	Ulefone
Operating System	Android 12.0
RAM Memory	4 GB
Memory Storage Capacity	64 GB (Expandable to 128GB)
Screen Size	5.93 Inches HD+
Model Name	Armor 16 Pro
Wireless Carrier	Unlocked
Cellular Technology	4G
Connectivity Technology	NFC
Color	Black
SIM Card Slot Count	Dual SIM
Connector Type	USB Type C
Biometric Security Feature	Fingerprint Recognition
SIM Card Size	Nano
Water Resistance Level	Waterproof (IP68/IP69K)
Headphones Jack	3.5 mm
Rear Camera Resolution	16 MP
Battery Capacity	9600 Milliamp Hours
Battery Type	Lithium-Ion
Video Capture Resolution	1080p
Display Type	LCD
Display Pixel Density	282 Pixels Per Inch (PPI)
Model Year	2022

## WARRANTY AND SUPPORT

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The Ulefone Power Armor 16 Pro comes with a 1-year manufacturer's warranty. For technical support, warranty claims, or further assistance, please refer to the contact information provided in your product packaging or visit the official Ulefone website.

Your browser does not support the video tag.

Official product video showcasing various features and capabilities of the Ulefone Power Armor 16 Pro smartphone.

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