

Ulefone Ulefone Armor 34 Pro

Ulefone Armor 34 PRO 5G AI Rugged Smartphone User Manual

Model: Ulefone Armor 34 Pro | Brand: Ulefone

INTRODUCTION

The Ulefone Armor 34 PRO is a robust 5G AI rugged smartphone designed for demanding environments, featuring a built-in projector, an ultra-large battery, advanced camera system, and a powerful LED light. This manual provides essential information for setting up, operating, and maintaining your device to ensure optimal performance and longevity.

1. SETUP

1.1 Unboxing and Initial Inspection

Upon receiving your Ulefone Armor 34 PRO, carefully open the packaging and inspect all contents. The box should include the smartphone, a 66W power charger, a data cable, a multi-language user manual, a charging instruction card, a safety prompt card, a warranty card, a tempered glass screen protector, a lanyard, and a SIM needle.

Video 1: Ulefone Armor 34 PRO Unboxing. This video demonstrates the unboxing process and shows all included accessories, such as the phone, charger, data cable, and documentation.

1.2 SIM Card and MicroSD Card Installation

To install your SIM card(s) and/or MicroSD card, locate the SIM tray on the side of the device. Use the provided SIM needle to eject the tray. Carefully place your nano-SIM cards and/or MicroSD card into the designated slots, ensuring correct orientation. Reinsert the tray firmly until it clicks into place.

1.3 Initial Power On

Press and hold the power button located on the side of the device until the Ulefone logo appears. The phone will boot up, and you will be guided through the initial setup process for Android 15, including language selection, Wi-Fi connection, and Google account setup.

2. OPERATING YOUR DEVICE

2.1 Projector Function

The Ulefone Armor 34 PRO features a built-in 150-lumen DLP projector with a 120Hz refresh rate and 854x480 resolution. To activate the projector, locate the dedicated projector button or access it through the quick settings panel. The projector supports smart autofocus and $\pm 40^\circ$ keystone correction for optimal image alignment. It is ideal for projecting documents, movies, or games onto a large surface.



Image 1: Projector in Use. The Ulefone Armor 34 PRO projecting a football game onto a large screen outdoors, demonstrating its utility for entertainment in various settings.

Pocket Cinema Anywhere Built-in DLP Projector

Integrated with 150 lumens high-bright DLP projector, Armor 34 Pro transforms into a portable projector. Enjoy crisp, clear projections on any surface, turning any location into your personal theater. Share movies, presentations, engineering drawings, or photos with ease, all on a stunning large display.

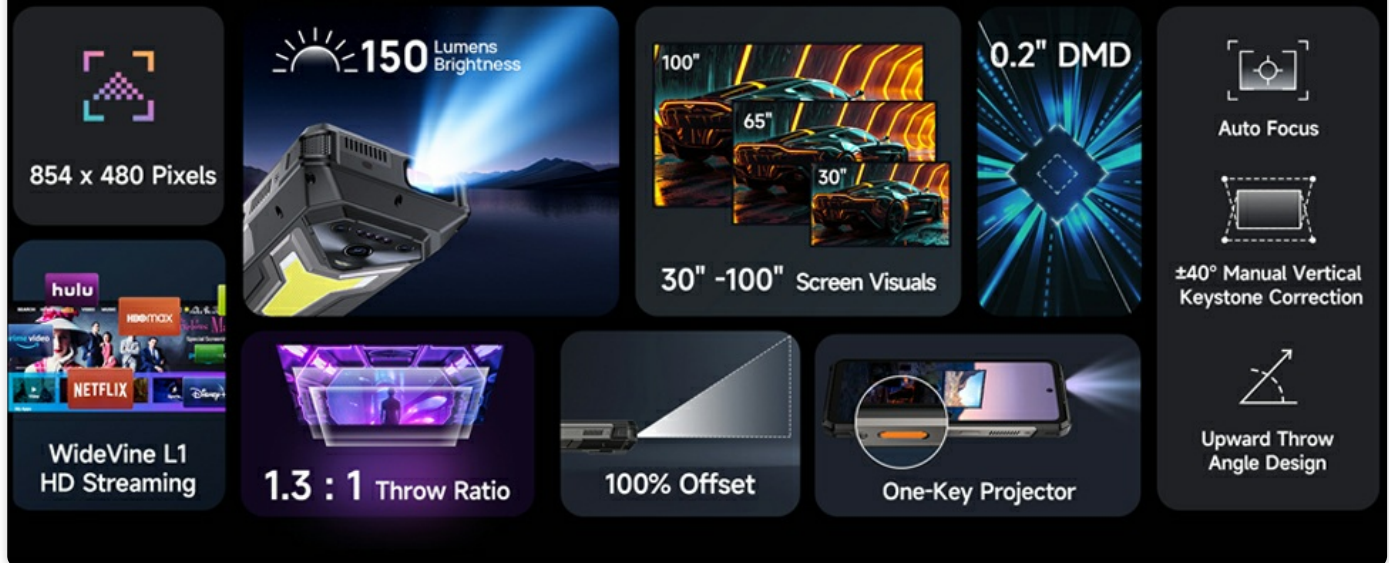


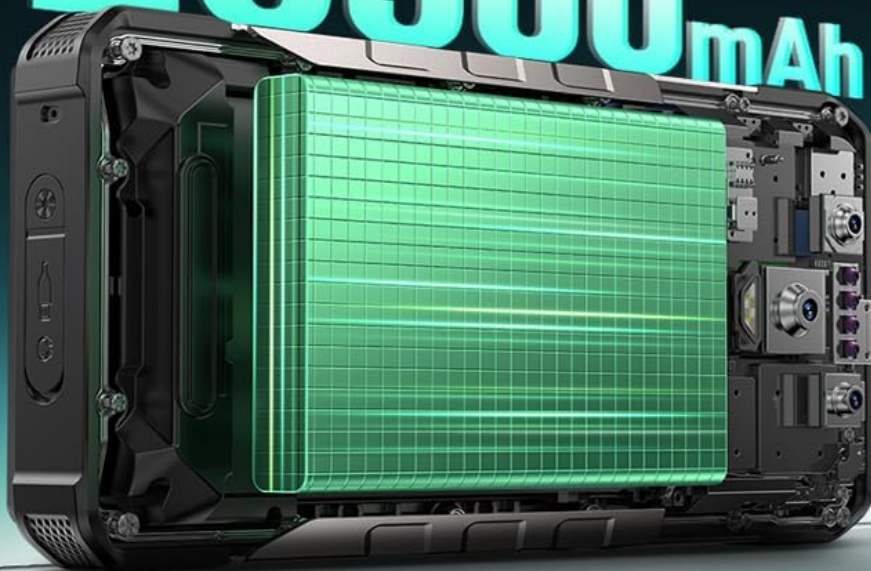
Image 2: Projector Features. A visual representation detailing the key specifications and functionalities of the built-in DLP projector, including brightness, resolution, and projection size.

2.2 Battery and Charging

The device is equipped with a massive 25500mAh battery, providing up to 1380 hours of standby time and 138 hours of call time. It supports 66W fast charging, allowing the battery to reach 90% charge in approximately 1.5 hours. Additionally, the Armor 34 PRO can function as a power bank to charge other devices via an OTG cable (10W reverse charging).

Conquer 10 Days without A Charge 25500mAh Power Giant

25500mAh



1380 Hours
Standby Time

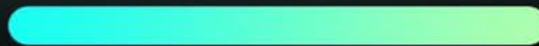


138 Hours
Call Time



33 Hours
Video Playback

Armor 34 Pro: **10 Days**



3x longer



Ordinary Devices: **3.5 Days**
or Less

Image 3: Battery Life Overview. This image highlights the impressive battery life of the Ulefone Armor 34 PRO, detailing standby, call, and video playback durations.

Image 4: Charging Capabilities. A visual emphasizing the large battery capacity and the rapid 66W fast charging feature of the smartphone.

2.3 Camera System

The Armor 34 PRO features a versatile triple camera system: a 50MP main camera with a large 1/1.31-inch sensor, a 64MP night vision camera for low-light conditions, and a 32MP front camera for high-quality selfies.



Image 5: Camera System Details. An illustration detailing the specifications of the main, night vision, and front cameras, highlighting their megapixel counts and sensor sizes.

Enhanced AI Performance MediaTek NPU 655

The NPU 655 delivers twice the AI task efficiency compared to its predecessor, along with faster processing for AI-driven features like real-time image recognition, voice interactions, and AI-enhanced photography.



Generous 512GB Storage Expansive 16GB RAM

Lightning-fast multitasking is yours with 16GB of ultra large RAM and an extra 16GB of dynamic RAM. Store your entire digital collection, HDR photos, high-res videos, and more on a massive 512GB of storage. Expand up to 2TB for even more space.

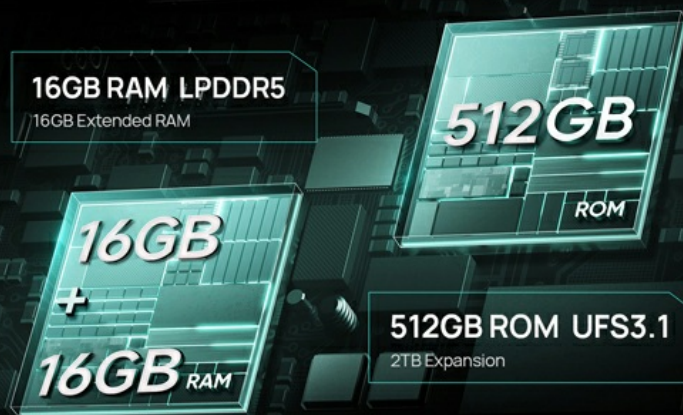


Image 6: Advanced Camera Features. This image provides a comprehensive look at the advanced camera features, including night vision, ultra-wide macro, and various shooting modes.

2.4 Display

The device features a 6.95-inch FHD+ display with a 120Hz refresh rate for smooth visuals. It offers up to 600 nits peak brightness for excellent outdoor visibility.

Immersive Visuals, Unmatched 6.95-inch FHD+ Display



120Hz
High Refresh Rate



600 nits
Peak Brightness
Easy to read in
strong sunlight.



1080 x 2460
Resolution



387 PPI
Pixel Density

Image 7: Display Specifications. A visual detailing the immersive 6.95-inch FHD+ display, highlighting its high refresh rate, brightness, and resolution for superior visual experience.

2.5 Outdoor Camping Light

The Ulefone Armor 34 PRO includes an IP68-rated outdoor camping light with up to 1100 lumens brightness, powered by 585 lighting beads and 6.5 watts. This high-intensity light is designed for outdoor use and can withstand wet conditions.

Versatile LED Light

Light up, Right from Your Phone



One-Key
Lighting



1100
Max Lumens



585
LEDS



6.5W
Max Power



IPX8
Waterproof



Image 8: Camping Light Features. This image showcases the powerful and versatile LED camping light, emphasizing its brightness, power, and waterproof capabilities.

2.6 Connectivity and Performance

The device supports 5G LTE networks, BT5.3, and WiFi 6E. It is powered by a MediaTek Dimensity 7300 octa-core CPU, built on a 4nm process, ensuring efficient performance. It comes with 32GB RAM (16GB physical + 16GB extended) and 512GB internal storage, expandable up to 2TB via MicroSD. NFC is included for Google Pay, and quad-satellite navigation (GPS/BeiDou/GLONASS/Galileo) provides precise tracking.

Generous 512GB Storage Expansive 16GB RAM

16GB RAM LPDDR5

16GB Extended RAM

16GB

+

16GB RAM

512GB

ROM

512GB ROM UFS3.1

2TB Expansion

Image 9: Memory and Storage. A visual representation of the generous 32GB RAM (16GB physical + 16GB extended) and 512GB internal storage, with options for further expansion.

Immersive Visuals, Unmatched 6.95-inch FHD+ Display

Dive into a world of stunning visuals with the ultra-large 6.95-inch FHD+ display. Its 120Hz high refresh rate makes ultra-smooth motion, while vivid colors bring every moment to life. Low power consumption means longer enjoyment without compromise.



 **120Hz**
High Refresh Rate

 **600 nits**
Peak Brightness
Easy to read in
strong sunlight.

 **1080 x 2460**
Resolution

 **387 PPI**
Pixel Density

Image 10: Performance and Storage. This image highlights the MediaTek NPU 655 for AI performance and the substantial RAM and ROM for efficient multitasking and storage.

2.7 AI Features and Android 15

The Ulefone Armor 34 PRO runs on Android 15, offering enhanced security features like advanced theft detection and Private Space. It supports AI Chat with Google Gemini and includes an 'AI Pet' feature. The device is Widevine L1 certified for HD streaming.

Protected. Powerful. Seamless.

All-new Android 15

Protect what matters most with Android 15. Featuring advanced theft detection to keep your device safe and Private Space to secure your sensitive data, your privacy is paramount. Multitask like a pro with app pairing and enhanced large-screen optimization. Capture stunning moments with improved in-app camera controls.



Image 11: Android 15 Interface. A visual of the new Android 15 operating system, showcasing its privacy and security features.



Image 12: Android 15 and Widevine L1. This image highlights the new Android 15 operating system and the Widevine L1 certification for high-definition streaming.

2.8 uSmart Expansion Connector

The device features a uSmart Expansion Connector, allowing for integration with various accessories like the uSmart E01 Endoscope (accessories sold separately).

Video 2: Ulefone Armor 34 PRO Features. This video demonstrates various features of the Ulefone Armor 34 PRO, including the projector, LED light, reverse charging, camera capabilities, AI features, and the uSmart Expansion Connector with an endoscope accessory.

3. MAINTENANCE

3.1 Ruggedness and Durability

The Ulefone Armor 34 PRO is built for extreme conditions, boasting IP68 and IP69K ratings for water and dust resistance, and MIL-STD-810H certification for drop resistance. It can withstand immersion in water up to 2 meters deep.



Image 13: Ruggedness Certifications. This image visually confirms the device's adherence to IP69K, IP68, and MIL-STD-810H standards, ensuring its durability in harsh environments.

3.2 General Care

To maintain your device, regularly wipe it with a soft, damp cloth. Ensure all port covers are securely closed to maintain water and dust resistance. Avoid exposing the device to extreme temperatures for prolonged periods. Do not attempt to disassemble the device, as this will void the warranty.

4. TROUBLESHOOTING

If you encounter any issues with your Ulefone Armor 34 PRO, please refer to the following general troubleshooting steps:

- **Device not powering on:** Ensure the battery is charged. Connect the device to the charger and wait a few minutes before attempting to power on again.

- **Screen unresponsive:** Try a forced restart by holding down the power button for approximately 10-15 seconds.
- **Network connectivity issues:** Check your SIM card installation. Toggle Airplane Mode on and off. Restart the device. Verify your network settings.
- **Projector not working:** Ensure the projector lens is clean and unobstructed. Check the projector settings in the device menu.
- **Water/Dust exposure:** If the device has been exposed to water or dust, ensure all ports are sealed. If water has entered, power off the device immediately and allow it to dry completely before powering on.

For persistent issues, please contact Ulefone customer support or visit their official website for more detailed troubleshooting guides.

5. SPECIFICATIONS

Feature	Specification
Model Name	Ulefone Armor 34 PRO
Operating System	Android 15
Display Size	6.95 Inches FHD+
Refresh Rate	120 Hz
Processor	MediaTek Dimensity 7300 (Octa-core)
RAM	32 GB (16GB physical + 16GB extended)
Internal Storage	512 GB (Expandable up to 2TB)
Main Camera	50MP
Night Vision Camera	64MP
Front Camera	32MP
Battery Capacity	25500 mAh
Charging	66W Fast Charging, 10W Reverse Charging
Projector Brightness	150 Lumens
Projector Resolution	854x480
LED Light Brightness	1100 Lumens
Water/Dust Resistance	IP68, IP69K
Durability Standard	MIL-STD-810H Certified
Dimensions	7.2 x 3.4 x 1.29 inches

Item Weight	1.82 pounds (825 Grams)
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6. WARRANTY AND SUPPORT

6.1 Warranty Information

Every Ulefone Armor 34 PRO purchased through our official store includes a **24-month comprehensive warranty**. Please retain your proof of purchase for warranty claims. The warranty covers manufacturing defects and hardware issues under normal use conditions. It does not cover damage caused by misuse, accidents, unauthorized repairs, or modifications.

6.2 Customer Support

For technical inquiries, troubleshooting assistance, or warranty claims, please contact Ulefone customer support through the following channels:

- **Official Website:** Visit the Ulefone official website for FAQs, support articles, and contact forms.
- **Email Support:** Refer to your warranty card or the official website for the dedicated support email address.
- **Online Chat:** Some regions may offer online chat support via the official website during business hours.

Our dedicated support team is committed to providing prompt resolution for any issues you may encounter.

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