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› Ulefone Armor 34 Pro 5G Rugged Smartphone User Manual

Ulefone Armor 34 Pro

Ulefone Armor 34 Pro 5G Rugged Smartphone User Manual

Model: Armor 34 Pro | Brand: Ulefone

1. INTRODUCTION

The Ulefone Armor 34 Pro is a state-of-the-art rugged smartphone designed for durability and high performance. It integrates advanced features such as a built-in 150-lumen projector, an ultra-long-lasting 25500mAh battery, and a powerful MediaTek Dimensity 7300 processor with 32GB RAM and 512GB ROM. This device is built to withstand harsh environments, certified with MIL-STD-810H and IP68/IP69K ratings, making it ideal for outdoor enthusiasts and professionals.

Key functionalities include a versatile camera system with 64MP Night Vision, a vibrant 6.95-inch 120Hz display, and an 1100-lumen LED camping light. This manual provides comprehensive instructions for setting up, operating, maintaining, and troubleshooting your Ulefone Armor 34 Pro.



Figure 1: Front and back view of the Ulefone Armor 34 Pro.

2. WHAT'S IN THE BOX

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

- Ulefone Armor 34 Pro Smartphone
- AC Power Charger (100~240V, 66W)
- Type-C to Type-C Data Cable (100cm, 6A)
- Screen Protector (Pre-applied or separate)
- SIM Tray Ejector
- Lanyard
- Multi-language User Manual (This document)
- Charging Instruction Card
- Safety Prompt Card

3. INITIAL SETUP

3.1. SIM Card and MicroSD Card Installation

The Armor 34 Pro supports dual SIM dual standby and expandable storage up to 2TB via a MicroSD card. Use the provided SIM tray ejector to open the tray.

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 gently until the tray pops out.
3. Place your Nano-SIM cards and/or MicroSD card into the designated slots on the tray, ensuring correct orientation.
4. Carefully push the tray back into the slot until it is flush with the device body.

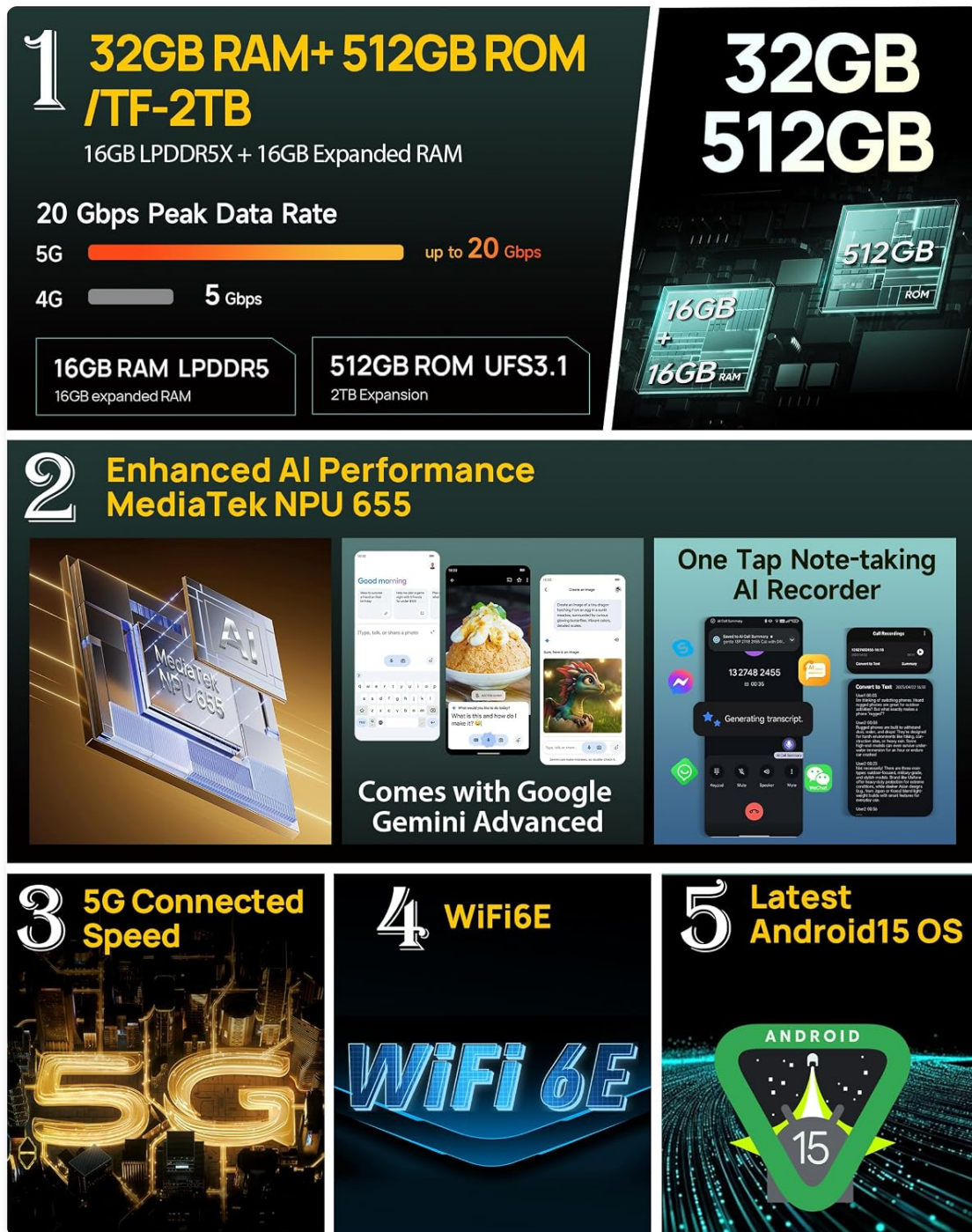


Figure 2: SIM card tray and internal components overview.

3.2. First Power On and Basic Configuration

1. Press and hold the Power button (located on the side) until the Ulefone logo appears.
2. Follow the on-screen prompts to select your language, connect to a Wi-Fi network, and set up your Google account.
3. Configure security settings such as fingerprint ID or face unlock for enhanced protection.

4. OPERATING INSTRUCTIONS

4.1. Projector Function

The Armor 34 Pro features a built-in DLP projector with 150 lumens brightness and 854x480 resolution, capable of projecting visuals up to 100 inches from 3 meters. It includes smart autofocus and $\pm 40^\circ$ keystone correction for optimal viewing.

- **Activating the Projector:** Locate the dedicated projector button or access it via the quick settings panel.
- **Focus and Keystone:** The projector features smart autofocus. For manual adjustments, use the on-screen controls for keystone correction.
- **Audio:** The integrated 98 dB loudspeaker provides clear audio for your projected content.



Figure 3: Projector features and example usage.

Your browser does not support the video tag.

Video 1: Official demonstration of the Ulefone Armor 34 Pro's projector function, showcasing its capabilities and ease of use.

4.2. Camera System

Capture stunning photos and videos with the versatile camera setup:

- **64MP Night Vision Camera:** Equipped with 4 IR LEDs and Ulefone's NightEif Ultra 3.0 algorithm for clear images in low-light conditions.
- **50MP Primary Camera:** Features an ultra-large 1/1.3" sensor for high-resolution photos.
- **50MP Ultra-wide Sensor:** Offers a 117.3° field of view for expansive landscape shots.
- **32MP Front Camera:** For high-quality selfies and video calls.



Figure 4: Overview of the Ulefone Armor 34 Pro's multi-camera system.

4.3. Battery Management

The 25500mAh battery provides extended usage, up to 10 days on a single charge. It supports 66W fast charging and 10W reverse charging.

- **Charging:** Use the provided 66W charger and Type-C cable for optimal fast charging.
- **Reverse Charging:** Connect other devices via a compatible cable to use your Armor 34 Pro as a power bank.

25500mAh Power Giant

Conquer 10 Days without A Charge

1380 Hours
Standby Time

138 Hours
Call Time

33 Hours
Video Playback

25500mAh

Stop Waiting, Start Doing

66W Fast Charging

Emergency Power Bank

10W Reverse Charging

Approved for Air Travel

Fly Safe, Stay Charged

Figure 5: Details on the 25500mAh battery and charging capabilities.

4.4. LED Light and Warning Lights

The device features a powerful 1100-lumen LED camping light and customizable red and blue warning lights for emergencies.

- **Activating LED Light:** Access the LED light through the quick settings or a customizable physical key.
- **Warning Lights:** One-press activation for emergency signaling.

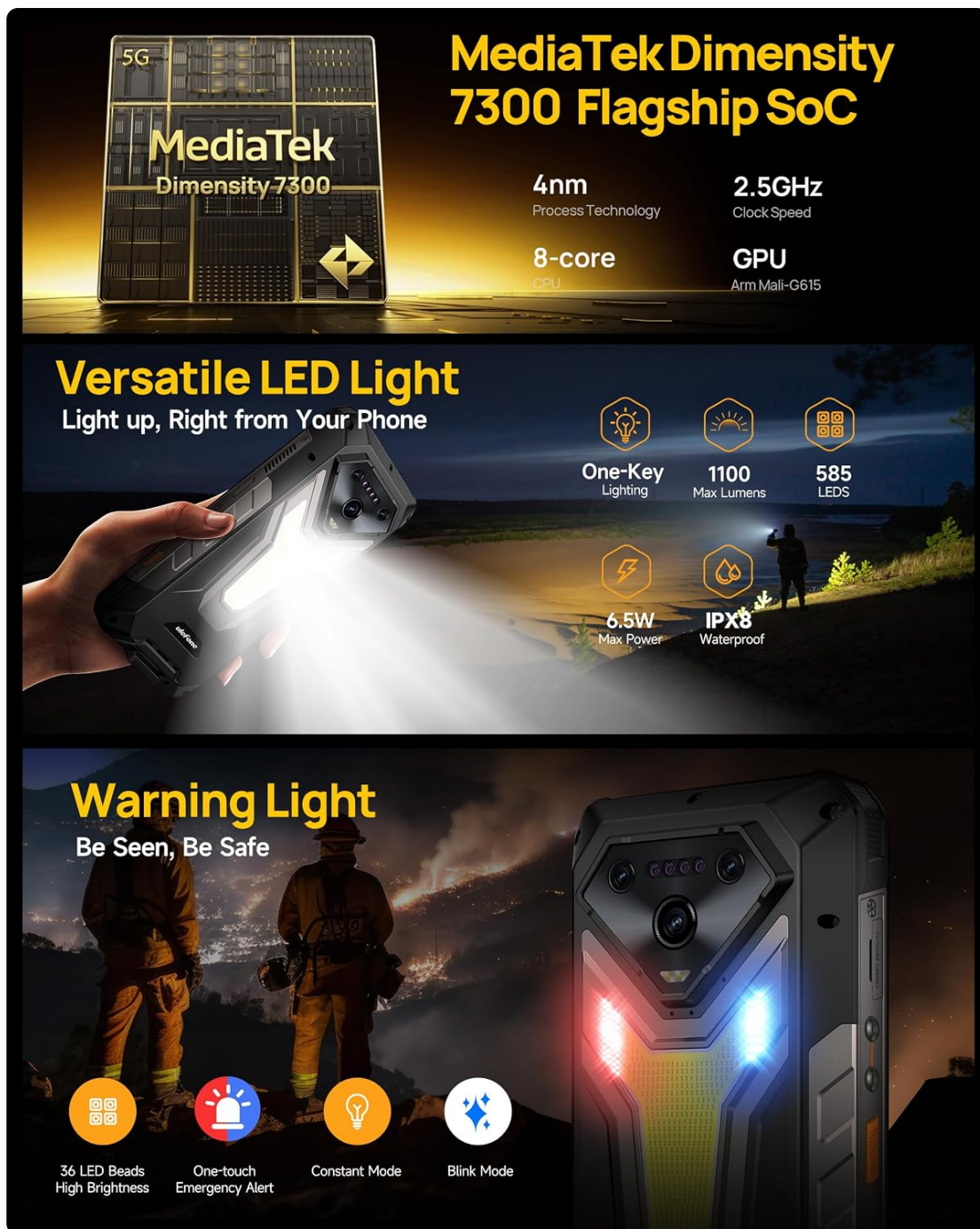


Figure 6: LED light and warning light features.

4.5. Ruggedness and Durability

The Armor 34 Pro is built to military-grade standards (MIL-STD-810H) and is IP68/IP69K certified for water, dust, and drop resistance.

- **Water Resistance:** Can withstand immersion in water up to 2 meters for 30 minutes.
- **Dust Resistance:** Fully protected against dust ingress.
- **Drop Resistance:** Designed to endure drops and shocks in demanding environments.
- **Temperature Tolerance:** Operates reliably in extreme temperatures from -30°C to 55°C.



Figure 7: Ruggedness and environmental resistance of the Armor 34 Pro.

4.6. Connectivity Features

The device offers a comprehensive suite of connectivity options:

- **5G Network:** Global 5G network support for high-speed data.
- **Wi-Fi 6E:** Latest Wi-Fi standard for faster and more stable wireless connections.
- **NFC:** For contactless payments and data transfer.
- **GPS:** Supports GPS, GLONASS, Beidou, and Galileo for accurate navigation.
- **Bluetooth 5.4:** For connecting wireless accessories.
- **IR Blaster:** Control compatible home appliances.
- **Headset-Free FM Radio:** Enjoy FM radio without needing headphones as an antenna.
- **uSmart Expansion Connector:** For connecting specialized peripherals (sold separately).
- **Custom Key:** A programmable physical button for quick access to functions.

More Additional Functionalities

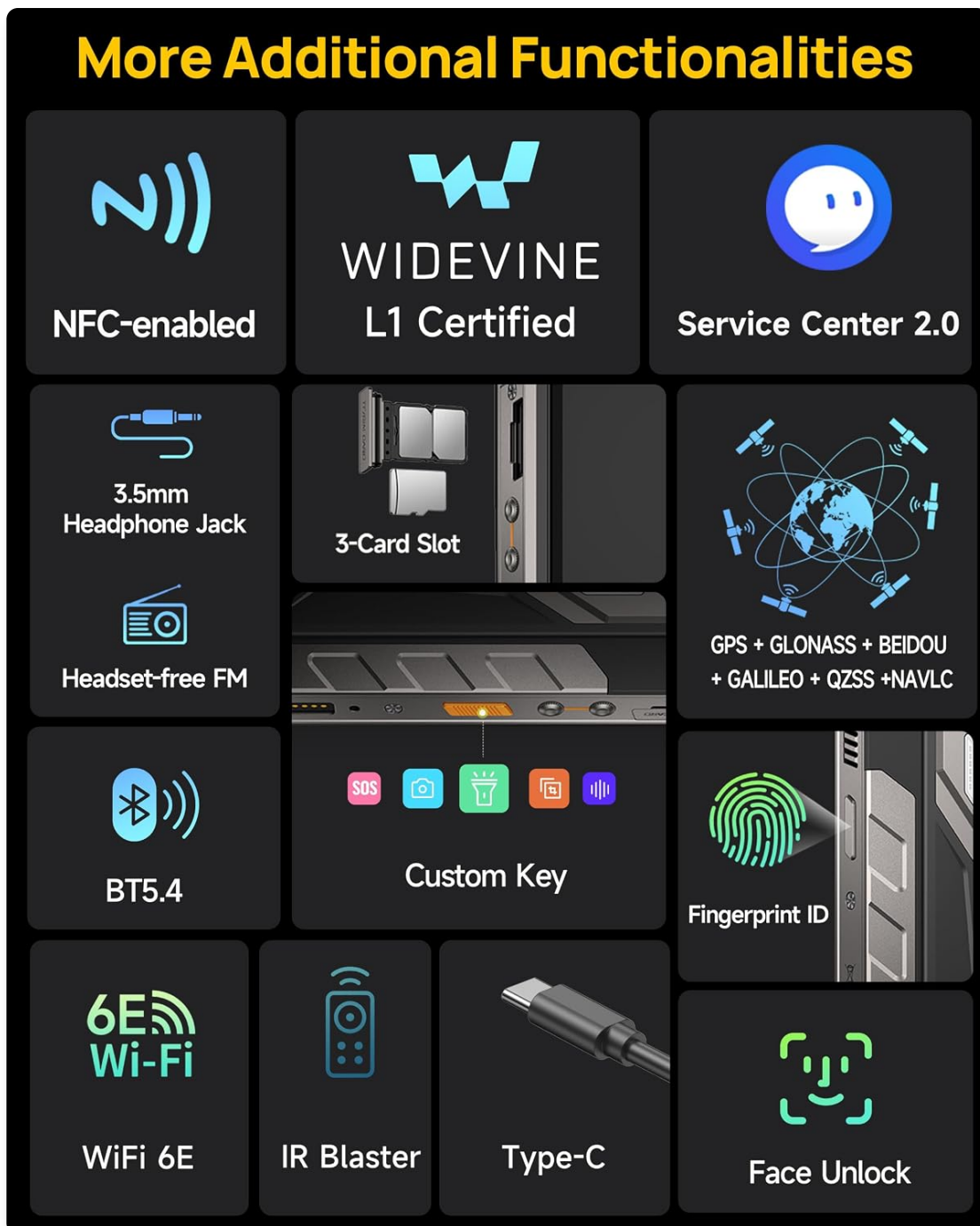


Figure 8: Various additional functionalities of the Armor 34 Pro.

5. CARE AND MAINTENANCE

To ensure the longevity and optimal performance of your Ulefone Armor 34 Pro, follow these maintenance guidelines:

- **Cleaning:** Wipe the device with a soft, damp cloth. Avoid using harsh chemicals or abrasive materials. Ensure all ports are dry before charging.
- **Storage:** Store the device in a cool, dry place away from direct sunlight and extreme temperatures when not in use for extended periods.
- **Battery Care:** Avoid fully discharging the battery frequently. For long-term storage, charge the battery to around 50-60%.
- **Port Protection:** Keep the USB-C port and headphone jack covers securely closed when not in use to maintain water and dust resistance.

6. TROUBLESHOOTING

If you encounter issues with your device, refer to the table below for common problems and their solutions:

Problem	Possible Cause	Solution
Device won't power on	Low battery; System crash	Charge the device for at least 30 minutes. Press and hold the Power button for 10-15 seconds to force restart.
Projector image is blurry	Out of focus; Incorrect keystone	Ensure the projector lens is clean. Use the smart autofocus feature or manually adjust keystone correction in settings.
Battery drains quickly	Background apps; High brightness; Network issues	Close unused apps. Reduce screen brightness. Disable Wi-Fi/Bluetooth when not in use. Check for system updates.
Cannot connect to 5G network	SIM card issue; Network coverage; APN settings	Ensure SIM card is properly inserted. Verify 5G coverage in your area. Check and configure APN settings with your carrier.
Device is slow/unresponsive	Too many apps; Low storage; Software glitch	Clear cache and unnecessary files. Uninstall unused apps. Restart the device. Consider a factory reset if issues persist (backup data first).

7. TECHNICAL SPECIFICATIONS

Feature	Specification
Model Name	Armor 34 Pro
Brand	Ulefone
Operating System	Android 15
CPU	MediaTek Dimensity 7300 (2.5 GHz)
RAM	32 GB (16GB + 16GB adjustable)
Internal Storage	512 GB (Expandable up to 2TB)
Screen Size	6.95 Inches
Display Resolution	1080 x 2460 (FHD+)
Refresh Rate	120 Hz

Feature	Specification
Projector Brightness	150 Lumens (DLP)
Projector Resolution	854 x 480
Main Camera	50MP Primary + 50MP Ultra-wide + 64MP Night Vision
Front Camera	32MP
Battery Capacity	25500 mAh
Fast Charging	66W
Reverse Charging	10W
LED Light Brightness	1100 Lumens
Dimensions (L x W x T)	7.21 x 3.41 x 1.29 inches (18.3 x 8.66 x 3.27 cm)
Item Weight	1.82 pounds (825 Grams)
Durability	IP68/IP69K, MIL-STD-810H Certified
Wireless Carrier	Unlocked

8. WARRANTY AND SUPPORT

Ulefone provides a **12-month manufacturer warranty service** in the US for the Armor 34 Pro. This warranty covers defects in materials and workmanship under normal use.

For warranty claims, technical assistance, or any questions regarding your product, please contact Ulefone customer support through the official Ulefone website or your point of purchase. Please have your product model and purchase information ready when contacting support.

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