

Ulefone Armor Pad 2

Ulefone Armor Pad 2 Rugged Tablet User Manual

Model: Armor Pad 2

1. INTRODUCTION

The Ulefone Armor Pad 2 is a rugged tablet designed for durability and performance in challenging environments. It features an 11-inch 2K display, a large 18600mAh battery, a powerful 750LM camping light, and is certified with IP68/IP69K and MIL-STD-810H for water, dust, and drop resistance. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your device.



Figure 1.1: Ulefone Armor Pad 2 Rugged Tablet. This image displays the front and back of the tablet, highlighting its robust design and integrated camping light.

2. PACKAGE CONTENTS

Verify that all items are present in your package:

- 1 x Ulefone Armor Pad 2 Tablet
- 1 x AC Power Charger
- 1 x USB Type-C 2.0 Charging Cable
- 1 x Hand Strap & 1 x Screwdriver & 8 x Screws (for hand strap installation)
- 1 x SIM Needle
- 1 x Protective Film (Pre-installed)

Video 2.1: Armor Pad 2 Unboxing. This video demonstrates the unboxing process and shows all included accessories.

3. DEVICE OVERVIEW

Familiarize yourself with the physical components of your Armor Pad 2 tablet.



Figure 3.1: Device Features. This image highlights various features such as the 3.5mm headphone jack, custom key, fingerprint ID, and face unlock.

3.1 Ports and Buttons

- **Power Button:** Located on the side, used to power on/off or wake/sleep the device.
- **Volume Buttons:** Adjust media and notification volume.
- **USB Type-C Port:** For charging and data transfer.
- **3.5mm Audio Jack:** For connecting headphones.
- **Custom Key:** Programmable button for quick access to functions (e.g., PTT, camera).
- **uSmart Expansion Connector:** For connecting specialized accessories.

3.2 Cameras and Sensors

- **Rear Camera:** 48MP for high-resolution photos and videos.
- **Front Camera:** 16MP for video calls and selfies.
- **Fingerprint Sensor:** Integrated for secure unlocking.
- **GPS Module:** Supports GPS, GLONASS, Galileo, and BeiDou for accurate positioning.

3.3 Integrated Camping Light

The Armor Pad 2 features a powerful 750 lumens LED camping light with 383 lighting beads and 5.5 watts of power. It offers 3 lighting modes and 3 brightness levels, accessible via a physical button.



Figure 3.2: 750LM Camping Light. The image shows the tablet's integrated LED light illuminating a camping scene.

4. SETUP

4.1 SIM and TF Card Installation

The tablet supports dual Nano SIM cards and one TF card for expandable storage up to 2TB. Use the provided SIM needle to open the card tray and insert the cards as indicated.

4.2 Charging the Device

Connect the provided AC power charger and USB Type-C cable to the tablet's charging port. The 18600mAh battery supports 33W fast charging. The device also supports reverse charging to power other devices.

18600mAh Giant Capacity

Uninterrupted Fieldwork for 7 Days



840 Hours
Standby Time



60 Hours
Music Playback



16 Hours
Video Playback



18600mAh Large Battery



33W Fast Charging



Supports Reverse Charging

Figure 4.1: Battery and Charging. This image illustrates the large battery capacity, fast charging, and reverse charging capabilities.

4.3 Initial Power On and Configuration

Press and hold the power button to turn on the tablet. Follow the on-screen instructions to complete the initial setup, including language selection, Wi-Fi connection, and Google account setup.

5. OPERATING INSTRUCTIONS

5.1 Basic Navigation (Android 13)

The Armor Pad 2 runs on Android 13, offering an intuitive user interface. Navigate using gestures or on-screen buttons. Swipe down from the top for notifications and quick settings.

5.2 Display and Performance

Experience clear visuals on the 11-inch 2K display with 500 nits brightness. The MediaTek Helio G99 chipset, combined with up to 16GB RAM (8GB physical + 8GB virtual) and 256GB ROM, ensures smooth performance for various applications.

11-inch 2K Display

Corning Gorilla Glass 5



2K Resolution



213 PPI

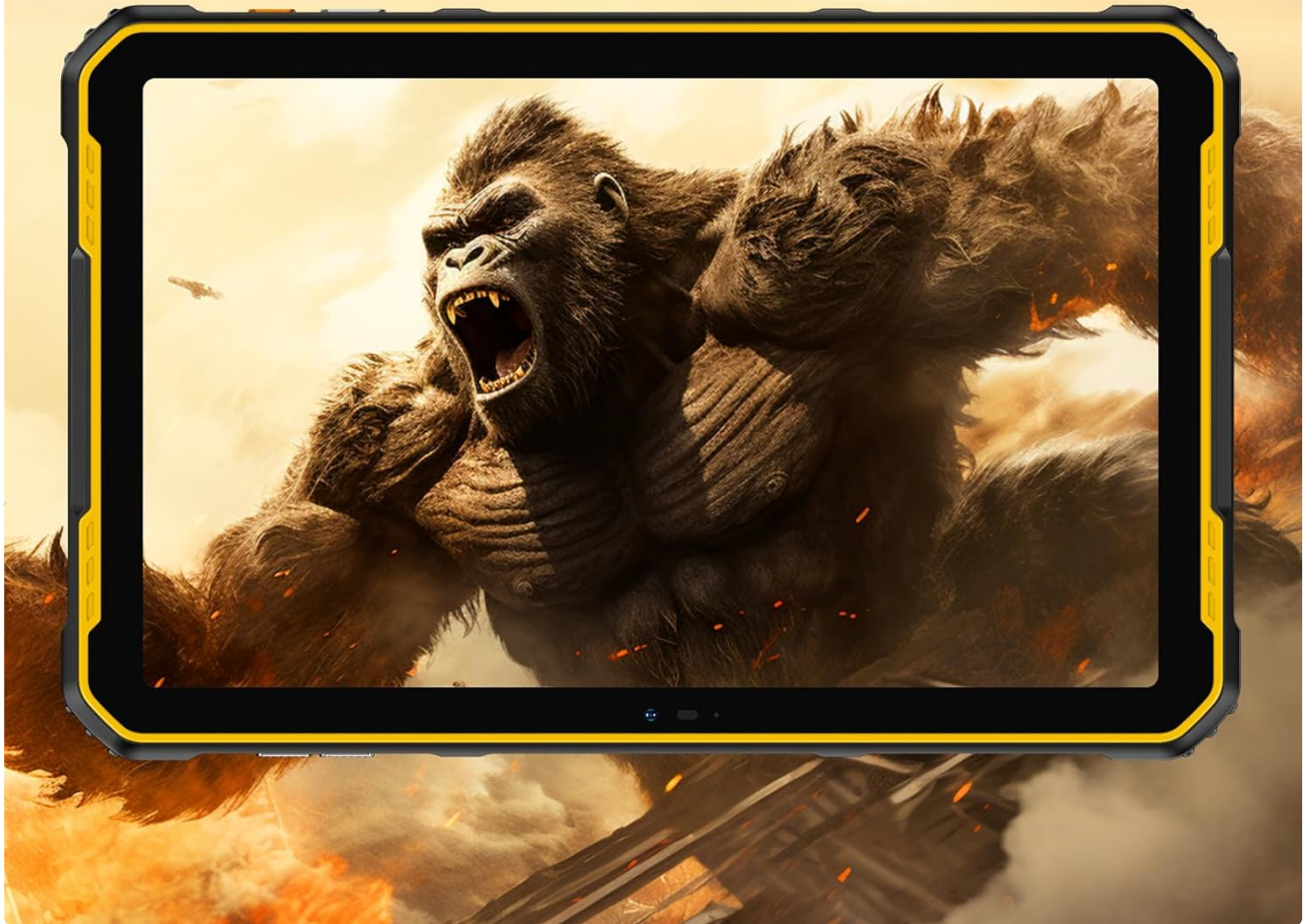


Figure 5.1: 11-inch 2K Display. This image showcases the tablet's high-resolution display and Corning Gorilla Glass 5 protection.

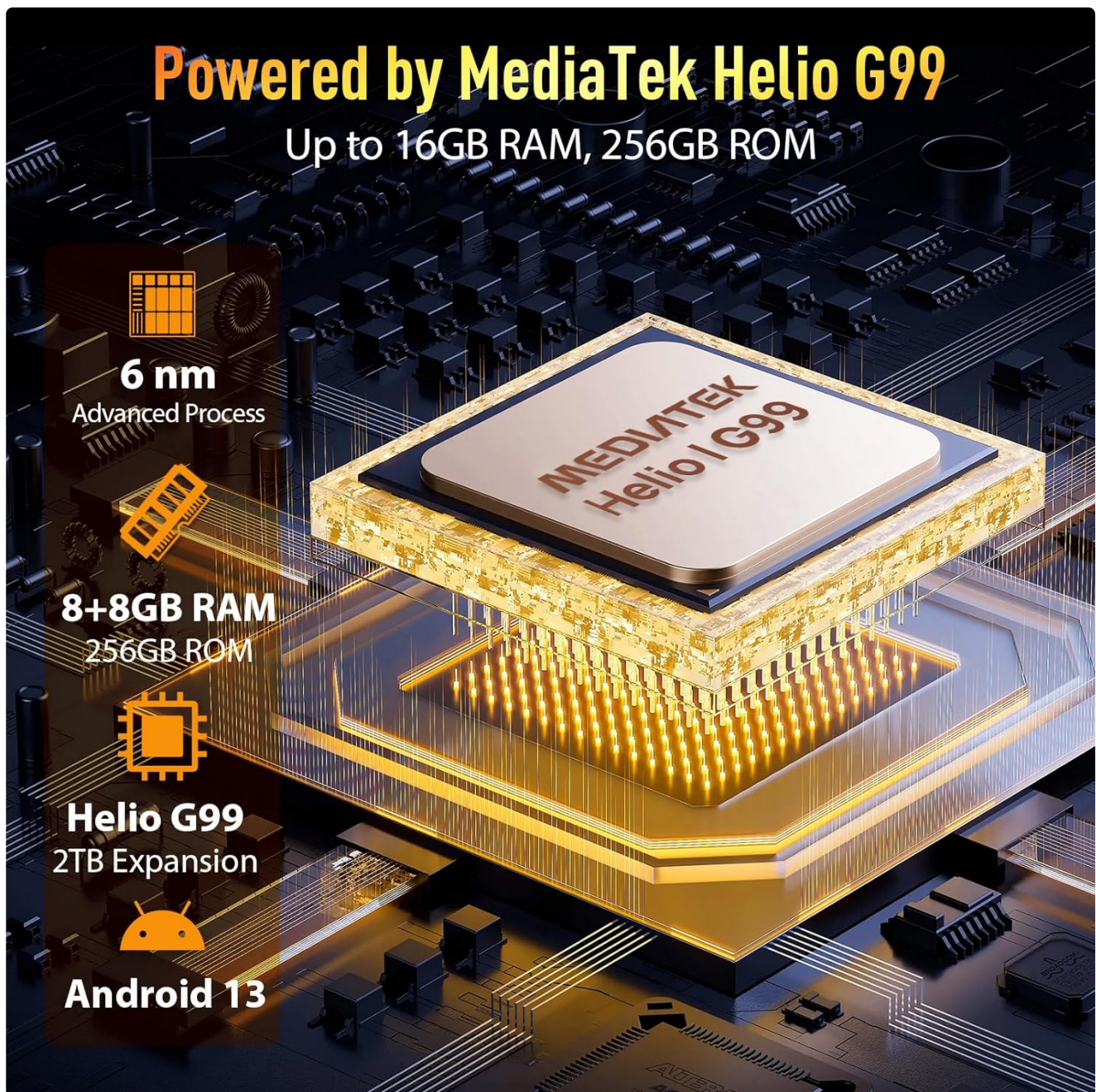


Figure 5.2: Powered by MediaTek Helio G99. This image details the tablet's processor, RAM, and ROM specifications.

5.3 Camera Usage

Utilize the 48MP rear camera for capturing detailed photos and the 16MP front camera for clear video calls and selfies.

Ultra-Sharp 16MP & 48MP Cameras



48MP
Rear Camera



16MP
Front Camera



Figure 5.3: Ultra-Sharp 16MP & 48MP Cameras. This image displays the camera specifications and examples of photos taken.

5.4 Connectivity and Navigation

The tablet supports Dual 4G LTE, WiFi 6, and Bluetooth 5.2 for reliable connectivity. Integrated GPS, GLONASS, Galileo, and BeiDou provide precise navigation. The digital toolbox offers various utility apps for outdoor use.



Figure 5.4: GPS and Digital Toolbox. This image illustrates the tablet's navigation capabilities and useful built-in tools.

5.5 Specialized Features

- **Glove Mode:** Allows touch screen operation while wearing gloves.
- **uSmart Expansion Connector:** Connects to professional tools like endoscopes or microscopes (accessories sold separately).
- **Dual Stereo Speakers:** Provides loud and balanced audio output.
- **NFC:** For contactless payments and data transfer.



Figure 5.5: uSmart Expansion Connector. This image shows the expansion port and examples of compatible accessories like a digital microscope.



Video 5.1: Ulefone Armor Pad 2 Rugged Tablet Overview. This video provides a general overview of the tablet's features and capabilities.



Video 5.2: Ulefone Armor Pad 3 Pro Rugged Tablet Overview. This video demonstrates features like dual versatile LED lights, gloves mode, HDMI connectivity, and the hand strap, which are also present on the Armor Pad 2.

6. MAINTENANCE



6.1 Cleaning and Care

The Armor Pad 2 is IP68/IP69K rated, meaning it is waterproof and dustproof. You can rinse it with water to clean off dirt and debris. Ensure all port covers are securely closed before exposing the device to water.



Figure 6.1: IP68/IP69K Proof, MIL-STD-810H Certified. This image visually confirms the tablet's high-level resistance to water, dust, and drops.

Video 6.1: HOTWAV R9 Pro Waterproof Tablet. This video demonstrates the water resistance of a similar rugged tablet, showcasing its ability to withstand water exposure.

6.2 Battery Longevity

To maximize battery life, avoid extreme temperatures and fully discharge and recharge the battery periodically. The 18600mAh battery is designed for extended use.

6.3 Environmental Durability

The tablet is built to MIL-STD-810H standards, providing protection against drops, shocks, and extreme

temperatures. Its robust construction ensures reliability in harsh conditions.

Video 6.2: OUKITEL RT9 - Freezing Test. This video demonstrates the extreme temperature resistance of a rugged tablet, showing its functionality after being subjected to freezing conditions.

7. TROUBLESHOOTING

7.1 Common Issues and Solutions

- **Device not powering on:** Ensure the battery is charged. Press and hold the power button for 10-15 seconds to perform a forced restart.
- **Charging issues:** Check the charging cable and adapter for damage. Ensure the charging port is clean and free of debris.
- **Connectivity problems (Wi-Fi/4G):** Restart the tablet and your router/modem. Verify SIM card installation and network settings.
- **Touchscreen unresponsiveness:** Restart the device. If using Glove Mode, ensure it is enabled correctly.

7.2 Factory Reset

If persistent software issues occur, a factory reset may be necessary. This will erase all data on the device. Back up important data before proceeding. Go to **Settings > System > Reset options > Erase all data (factory reset)**

8. SPECIFICATIONS

Feature	Specification
Product Dimensions	10.94 x 7 x 0.55 inches
Item Weight	2.24 pounds
Operating System	Android 13
Display	11-inch 2K Display (1280 x 800 pixels), Corning Gorilla Glass 5
Processor	MediaTek Helio G99 (8-core CPU, 2.2GHz)
RAM	Up to 16GB (8GB physical + 8GB virtual)
Internal Storage	256GB (expandable up to 2TB with TF card)
Battery Capacity	18600mAh (33W Fast Charging, Reverse Charging)
Rear Camera	48MP
Front Camera	16MP
Ruggedness	IP68/IP69K, MIL-STD-810H Certified
Connectivity	Dual 4G LTE, WiFi 6, Bluetooth 5.2, NFC


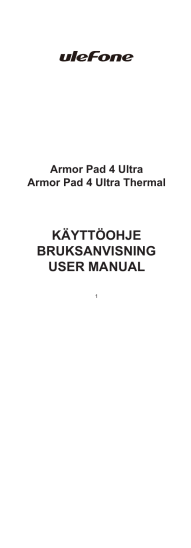


Navigation	GPS, GLONASS, Galileo, BeiDou
Special Features	750LM Camping Light, Stereo Dual Speakers, uSmart Expansion Connector, Glove Mode, Custom Key, Fingerprint Sensor, Face Unlock




9. WARRANTY AND SUPPORT

Your Ulefone Armor Pad 2 is covered by a manufacturer's warranty. For detailed warranty information, technical support, or to purchase accessories, please visit the official Ulefone store or contact customer service.

Official Ulefone Store: [Ulefone Store on Amazon](#)

Related Documents - Armor Pad 2

	<p>Ulefone Armor X8i Rugged Smartphone - Specifications and Features</p> <p>Detailed specifications and features of the Ulefone Armor X8i rugged smartphone, including its MediaTek processor, 3GB RAM, 32GB storage, 5.7-inch HD+ screen, 5080mAh battery, and IP68/IP69K rating.</p>
	<p>Ulefone Armor Pad 4 Ultra & Armor Pad 4 Ultra Thermal User Manual</p> <p>Comprehensive user manual for the Ulefone Armor Pad 4 Ultra and Armor Pad 4 Ultra Thermal tablets, covering safety instructions, device components, setup, specifications, and regulatory information.</p>
	<p>Ulefone Armor 3 User Manual: Features, Setup, and Safety Guide</p> <p>Comprehensive user manual for the Ulefone Armor 3 rugged smartphone. Learn about installation, device features, basic operations, and essential safety precautions.</p>
	<p>Ulefone Armor 25T Series User Manual: Comprehensive Guide to Setup, Features, and Safety</p> <p>Detailed user manual for the Ulefone Armor 25T Series smartphone. Covers device setup, card installation, network bands, basic operations, crucial safety information, and disclaimers.</p>

<div> </div>	<div>Ulefone Power Armor 19 User Manual - Rugged Smartphone Guide Official user manual for the Ulefone Power Armor 19 rugged smartphone. Learn about installation, features, network bands, safety precautions, FCC/CE compliance, and more.</div>
<div> Armor Mini 20 Armor Mini 20 Pro Armor Mini 20T Pro KÄYTTÖOHJE BRUKSANVISNING USER MANUAL 1</div>	<div>Ulefone Armor Mini 20 Series User Manual Comprehensive user manual for the Ulefone Armor Mini 20, Armor Mini 20 Pro, and Armor Mini 20T Pro smartphones, covering safety instructions, features, operation, and specifications.</div>