

## Ulefone Armor Pad 2

# Ulefone Armor Pad 2 Rugged Tablet User Manual

Model: Armor Pad 2 | Brand: Ulefone

## 1. INTRODUCTION

This manual provides essential information for the safe and efficient operation of your Ulefone Armor Pad 2 Rugged Tablet. Please read this manual thoroughly before using the device to ensure proper functionality and to prevent damage. Keep this manual for future reference.



Figure 1: Ulefone Armor Pad 2 Rugged Tablet. This image displays the tablet from both front and back angles, highlighting its robust design and integrated camping light.

## 2. PACKAGE CONTENTS

Verify that all items are present in the 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 attachment)
- 1 x Protective Film (Pre-installed)
- 1 x SIM Needle
- 1 x User Manual (this document)

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Video 1: Armor Pad 2 Unboxing Video. This video demonstrates the unboxing process and shows all included accessories.

### 3. DEVICE LAYOUT

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



Figure 2: Overview of Ulefone Armor Pad 2 features. This image highlights various components such as the camera, camping light, uSmart connector, and buttons.

- **Front Camera:** 16MP for video calls and selfies.
- **Display:** 11-inch 2K display with Corning Gorilla Glass 5.
- **Power Button:** Located on the side, typically integrated with the fingerprint sensor.
- **Volume Buttons:** Adjust audio levels.
- **Custom Key:** Programmable button for quick access to functions (e.g., PTT, flashlight).
- **USB Type-C Port:** For charging and data transfer.
- **3.5mm Audio Jack:** For headphones.
- **SIM/TF Card Slot:** Supports dual Nano SIM cards and one TF card.
- **Rear Camera:** 48MP main camera.
- **Camping Light:** 750 lumens LED light with multiple modes.
- **uSmart Expansion Connector:** For connecting compatible external accessories.

- **Dual Stereo Speakers:** Front-facing for clear and balanced audio.

## 4. SETUP

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### 4.1 Initial Power On

1. Press and hold the Power Button (usually on the side) until the Ulefone logo appears.
2. Follow the on-screen prompts to complete the initial setup, including language selection, Wi-Fi connection, and Google account setup.

### 4.2 SIM/TF Card Installation

1. Locate the SIM/TF card slot on the side of the tablet.
2. Use the provided SIM needle to gently eject the card tray.
3. Place your Nano SIM cards and/or TF card into the tray according to the diagram on the tray. Ensure correct orientation.
4. Carefully reinsert the card tray into the slot until it clicks into place.

### 4.3 Charging the Tablet

1. Connect the USB Type-C cable to the tablet's charging port.
2. Connect the other end of the cable to the AC Power Charger.
3. Plug the AC Power Charger into a wall outlet.
4. The charging indicator on the screen will show the charging status.
5. For optimal charging, use the provided Ulefone charger and cable.



# 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 3: Battery and Charging Features. This image illustrates the tablet's large 18600mAh battery capacity, 33W fast charging capability, and support for reverse charging.

## 5. BASIC OPERATION

### 5.1 Power On/Off

- **Power On:** Press and hold the Power Button until the device vibrates and the screen lights up.
- **Power Off:** Press and hold the Power Button for a few seconds, then select "Power off" from the options on the screen.
- **Restart:** Press and hold the Power Button for a few seconds, then select "Restart" from the options.

### 5.2 Touchscreen Gestures

Navigate your tablet using standard Android gestures:

- **Tap:** Select an item or activate a function.
- **Touch and Hold:** Access contextual menus or drag items.
- **Swipe:** Scroll through screens, lists, or content.

- **Pinch-to-Zoom:** Zoom in or out on images and web pages.

### 5.3 Custom Key Functions

The custom key on the side of the tablet can be programmed for various shortcuts:

- Access settings to assign single-click, double-click, and long-press actions.
- Common assignments include Push-to-Talk (PTT), flashlight, or quick camera launch.

### 5.4 Glove Mode

Activate Glove Mode in settings to enable touchscreen responsiveness while wearing gloves, ideal for outdoor or industrial environments.

## 6. KEY FEATURES

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### 6.1 Rugged Design

The Armor Pad 2 is built to withstand harsh conditions:

- **IP68/IP69K Rated:** Certified for water and dust resistance.
- **MIL-STD-810H Certified:** Meets military standards for durability against drops, shocks, and extreme temperatures.
- **Corning Gorilla Glass 5:** Enhanced scratch and drop resistance for the display.



# IP68/IP69K Proof, MIL-STD-810H Certified

The Highest Standards of Durability

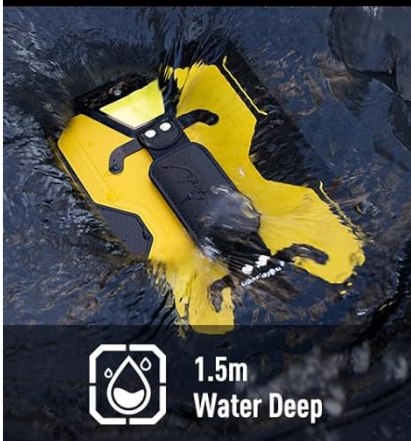
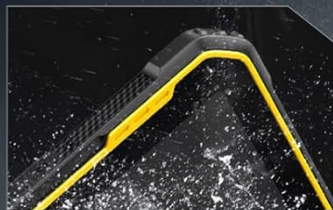


Figure 4: Ruggedness features. This image demonstrates the tablet's water, dust, and drop resistance, highlighting its IP68/IP69K and MIL-STD-810H certifications.

## 6.2 Display

Experience clear visuals on the 11-inch 2K display:

- **Size:** 11-inch.
- **Resolution:** 2K (2000x1200 pixels).
- **Brightness:** 500 nits for visibility in various lighting conditions.



# 11-inch 2K Display

Corning Gorilla Glass 5



2K Resolution



213 PPI

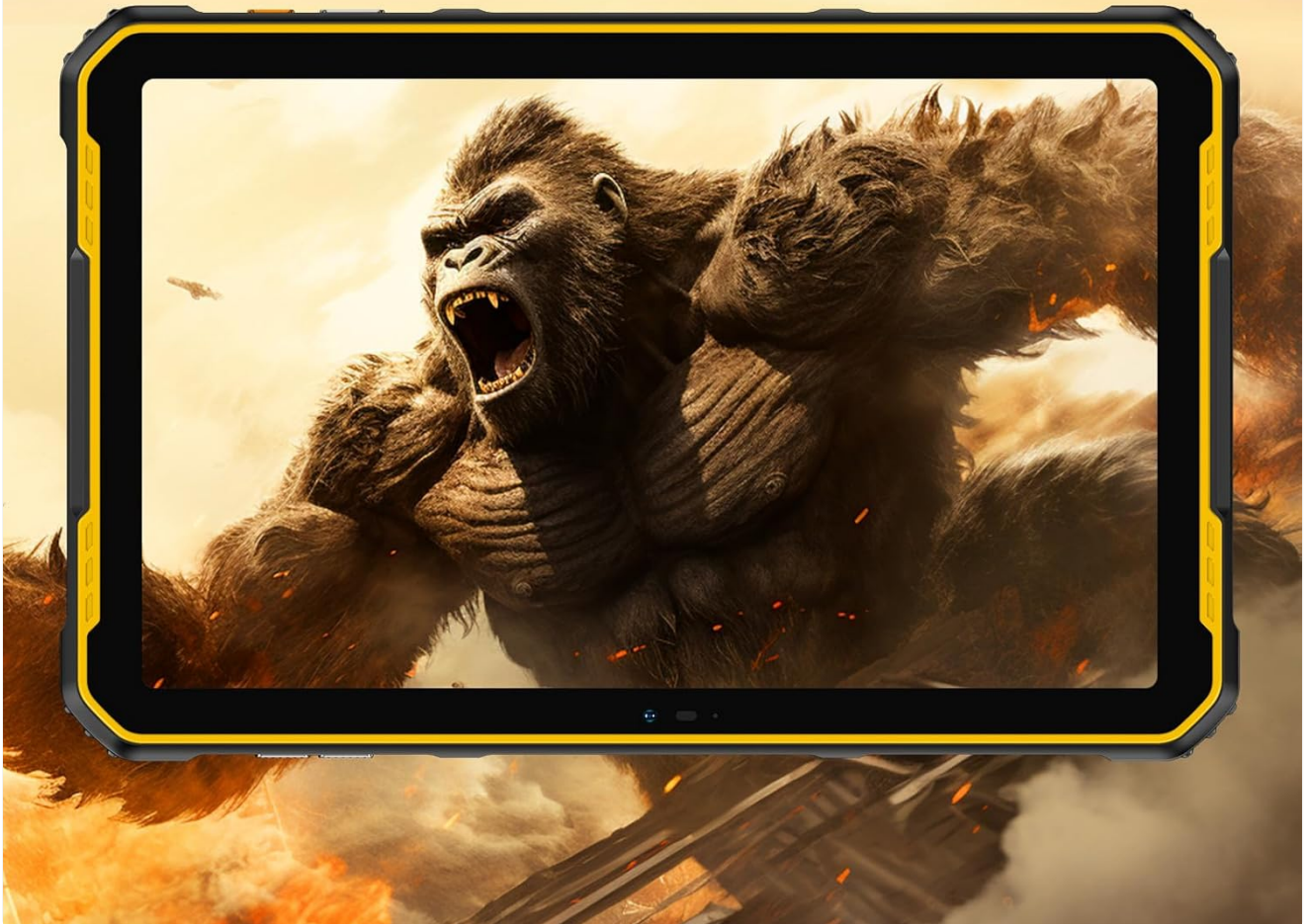


Figure 5: 11-inch 2K Display. This image showcases the vibrant display protected by Corning Gorilla Glass 5.

## 6.3 Performance

The tablet is powered by a MediaTek Helio G99 processor, ensuring smooth operation:

- **Processor:** MediaTek Helio G99 (8-core, 2.2GHz, 6nm).
- **RAM:** Up to 16GB (8GB physical + 8GB virtual).
- **Internal Storage:** 256GB.
- **Expandable Storage:** Up to 2TB via TF card.
- **Operating System:** Android 13.



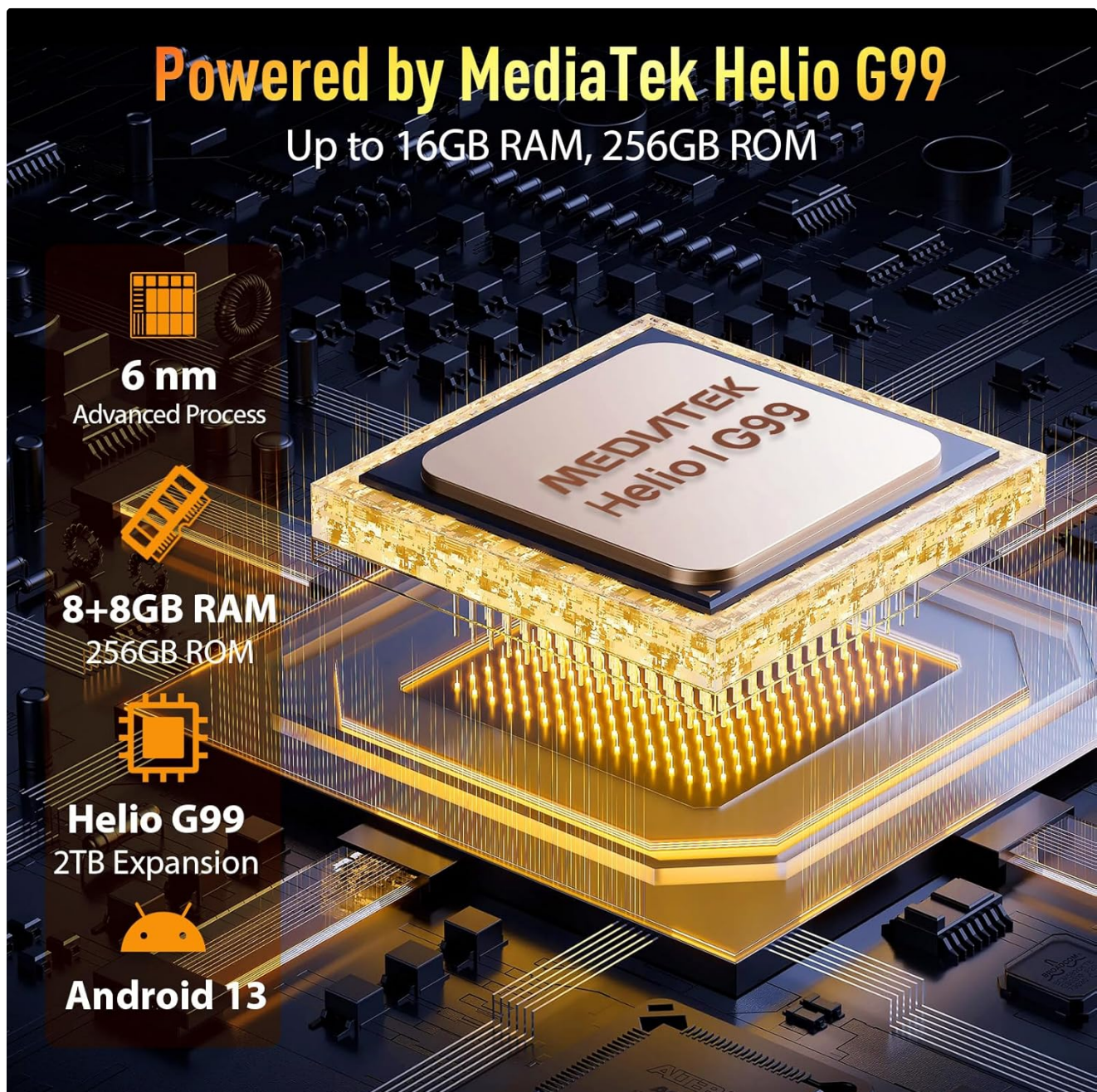


Figure 6: Performance specifications. This image details the MediaTek Helio G99 chipset, RAM, and ROM capabilities of the tablet.

## 6.4 Cameras

Capture moments with the integrated cameras:

- **Rear Camera:** 48MP.
- **Front Camera:** 16MP.



# Ultra-Sharp 16MP & 48MP Cameras



**48MP**  
Rear Camera



**16MP**  
Front Camera



Figure 7: Camera capabilities. This image shows examples of photos taken with the 48MP rear and 16MP front cameras.

## 6.5 Connectivity

Stay connected with a range of communication options:

- **Cellular:** 4G Dual SIM Dual Standby (Note: Not compatible with AT&T, Cricket).
- **Wi-Fi:** Wi-Fi 6 for faster wireless connections.
- **Bluetooth:** Bluetooth 5.2.
- **Navigation:** GPS + GLONASS + Galileo + BeiDou.
- **NFC:** For contactless payments and data exchange.

## 6.6 Audio

Enjoy immersive sound with:

- **Stereo Dual Speakers:** Front-facing for clear and balanced audio.
- **3.5mm Audio Jack:** For wired headphones.

## 6.7 Camping Light

The integrated 750 lumens LED camping light provides versatile illumination:

- **Brightness:** 750 lumens, 383 lighting beads, 5.5 watts.
- **Modes:** 3 lighting modes (e.g., Lighting, Sharp Light, SOS).
- **Brightness Levels:** 3 adjustable levels.
- Activated via a physical button for quick access.



Figure 8: 750LM Camping Light. This image shows the tablet's powerful integrated LED light in use during a camping scenario.

## 6.8 uSmart Expansion Connector

Ulefone's exclusive uSmart Expansion offers fast and stable connections to professional tools with plug-and-play convenience. Compatible expansion devices (e.g., endoscope, 1000x microscope) require additional purchases.

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Video 2: Ulefone Armor Pad 2 Rugged Tablet Overview. This video demonstrates various features including the uSmart Expansion Connector.

## 7. MAINTENANCE



- **Cleaning:** Use a soft, damp cloth to clean the tablet. Avoid harsh chemicals or abrasive materials. Ensure all port covers are securely closed before cleaning with liquids.
- **Water/Dust Protection:** Always ensure all port covers (USB, audio jack, SIM slot) are firmly sealed to maintain IP68/IP69K water and dust resistance.
- **Battery Care:** Avoid exposing the tablet to extreme temperatures. For long-term storage, charge the battery to approximately 50-70%.
- **Screen Protection:** The tablet comes with a pre-installed protective film. For additional protection, consider using a tempered glass screen protector.

## 8. TROUBLESHOOTING

| Problem                         | Possible Cause   | Solution  |
|---------------------------------|--|---|
| Tablet does not power on.       | Low battery or system crash.                                       | Charge the tablet for at least 30 minutes. If still unresponsive, press and hold the Power Button for 10-15 seconds to force restart.     |
| Touchscreen is unresponsive.    | Software glitch or screen damage.                                  | Restart the tablet. If the issue persists, perform a factory reset (backup data first). If physical damage is suspected, contact support. |
| Cannot connect to Wi-Fi.        | Incorrect password, router issue, or tablet Wi-Fi module issue.    | Verify Wi-Fi password. Restart router and tablet. Try connecting to other Wi-Fi networks.   |
| Poor call quality or no signal. | Weak network signal, incorrect SIM installation, or carrier issue. | Move to an area with better signal. Reinstall SIM card. Contact your mobile carrier for network status.                                   |
| Tablet is slow or freezes.      | Too many apps running, low storage, or outdated software.          | Close unnecessary apps. Clear cache. Free up storage. Check for system updates.   |

## 9. SPECIFICATIONS


| Feature          | Detail                                  |
|------------------|---|
| Model            | Ulefone Armor Pad 2                     |
| Dimensions       | 10.94 x 7 x 0.55 inches                 |
| Weight           | 2.24 pounds                             |
| Operating System | Android 13                              |
| Processor        | MediaTek Helio G99 (8-core, 2.2GHz)     |
| RAM              | Up to 16GB (8GB physical + 8GB virtual) |
| Internal Storage | 256GB                                   |


| Feature            | Detail  |
|--------------------|---|
| Expandable Storage | Up to 2TB (TF card)   |
| Display            | 11-inch 2K (1280 x 800 pixels, 500 nits, Corning Gorilla Glass 5)   |
| Rear Camera        | 48MP  |
| Front Camera       | 16MP  |
| Battery Capacity   | 18600mAh  |
| Charging           | 33W Fast Charging, Reverse Charging (OTG)   |
| Durability         | IP68/IP69K, MIL-STD-810H Certified  |
| Connectivity       | 4G Dual SIM, Wi-Fi 6, Bluetooth 5.2, NFC  |
| Navigation         | GPS, GLONASS, Galileo, BeiDou   |
| Special Features   | 750LM Camping Light, uSmart Expansion Connector, Custom Key, PTT, Digital Toolbox, Fingerprint Sensor, Glove Mode, Stereo Dual Speakers |

## 10. WARRANTY AND SUPPORT

Ulefone products come with a standard manufacturer's warranty. For detailed warranty information, technical support, or service inquiries, please visit the official Ulefone website or contact their customer service directly. Keep your purchase receipt as proof of purchase for warranty claims.  
Official Ulefone Website: [www.ulefone.com](http://www.ulefone.com)

### Related Documents - Armor Pad 2

|   |  |
|---|--|
|  | <p><a href="#">Ulefone Armor X8i Rugged Smartphone - Specifications and Features</a></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> |
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|     | <p><a href="#">Ulefone Armor 24 Multi Function Instructions</a></p> <p>User guide for the Ulefone Armor 24 smartphone, detailing features like Underwater Camera, Wired Reverse Charging, Custom Key configuration, uSmart Expansion Connector, and RAM Expansion capabilities.</p>   |
|    | <p><a href="#">Ulefone Power Armor 19 User Manual - Rugged Smartphone Guide</a></p> <p>Official user manual for the Ulefone Power Armor 19 rugged smartphone. Learn about installation, features, network bands, safety precautions, FCC/CE compliance, and more.</p>   |
|    | <p><a href="#">Ulefone Power Armor 18T Multi-Function Instructions Guide</a></p> <p>Explore the advanced features of the Ulefone Power Armor 18T, including its uSmart Expansion Connector, Underwater Camera capabilities, Gloves Mode, and customizable Custom Key settings. This guide provides essential information for users.</p> |
|   | <p><a href="#">Ulefone Note 16 Pro User Manual</a></p> <p>Comprehensive user manual for the Ulefone Note 16 Pro smartphone. Learn about setup, features, operations, specifications, and safety guidelines for your Ulefone Note 16 Pro device.</p>   |
|  | <p><a href="#">Ulefone Armor Pad 4 Ultra &amp; Armor Pad 4 Ultra Thermal User Manual</a></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>                              |