Ulefone Armor X16 Pro

Ulefone Armor X16 Pro 5G Rugged Smartphone Instruction Manual

Model: Armor X16 Pro

1. INTRODUCTION

Welcome to the Ulefone Armor X16 Pro 5G Rugged Smartphone instruction manual. This guide provides essential information for setting up, operating, maintaining, and troubleshooting your device. The Ulefone Armor X16 Pro 5G is engineered for durability and high performance, featuring a MediaTek Dimensity 6300 5G processor, Android 15, a robust camera system, and a long-lasting 10360mAh battery, all encased in an IP68/IP69K and MIL-STD-810H certified body.

Your browser does not support the video tag.

Text Description: An official overview video showcasing the Ulefone Armor X16 Pro 5G Rugged Phone's key features and design.

2. WHAT'S IN THE BOX

- 1x Phone
- 1x AC Power Charger (100~240V)
- 1x Type-C to Type-C Data cable (100cm)
- 1x Screen Protector (Pre-installed)
- 1x Tempered Glass Screen Protector
- 1x SIM Tray Ejector
- 1x Lanyard
- 1x Multi-language User Manual
- 1x Charging Instruction Card
- 1x Safety Prompt Card

Package List:

1x Phone
1x AC Power Charger (100~240V Plug)
1x Data Cable (100cm)
1x Protective Film (Pre-installed)
1x Tempered Glass Screen Protector
1x SIM Pick
1x Lanyard
1x Multi-language User Manual
1x Thermal Imaging Camera User Manual
1x Multi Function Instruction Card
1x Charging Instruction Card
1x Safety Prompt Card

Text Description: An image displaying all items included in the Ulefone Armor X16 Pro 5G retail package, including the phone, charger, cables, screen protectors, SIM ejector, lanyard, and various manuals.

Your browser does not support the video tag.

Text Description: An official unboxing video of the Ulefone Armor X16 Pro, showing the contents of the box and the initial setup process.

3. DEVICE OVERVIEW

The Ulefone Armor X16 Pro 5G features a rugged design with reinforced corners and a textured back for enhanced grip and durability. Key physical features include a side-mounted fingerprint sensor, customizable key, USB-C port, and a 3.5mm headphone jack. The rear camera module is prominently placed, housing multiple lenses and a powerful flashlight.

5G

16GB+256GB
64MP Night Vision

15
Android

Text Description: A clear image of the Ulefone Armor X16 Pro 5G smartphone, showcasing its front display and the ruggedized back panel with the camera module.

1 MediaTek Dimensity 6300 5G

8-Core
CPU

6nm
Advanced Process

2.4GHz
Clock Speed

Cortex-A76
Powerful Gaming Cores

MediaTek Dimensity 6300

2 Up to 16GB RAM + 256GB ROM

8GB RAM
8GB Dynamic RAM

256GB ROM
2TB Expansion

8GB RAM + 8GB Dynamic RAM
256GB ROM
2TB Expansion

3 Comes with Google Gemini

Gemini

4 Dual 5G Connectivity

20 Gbps | Peak Data Rate

5G

5G ▬▬▬▬▬▬▬▬▬▬ 🔒 20 Gbps
4G ▬▬ 🏍 5 Gbps

Text Description: A side view of the Ulefone Armor X16 Pro 5G, highlighting the textured grip, side buttons, and ports.

Face Unlock + Fingerprint ID

NFC & Google Pay

GPS/GLONASS/Beidou/Galileo

Text Description: An image illustrating various features including Face Unlock, Fingerprint ID, NFC for Google Pay, and GPS/GLONASS/Beidou/Galileo support.

Text Description: This image highlights additional features such as Gloves Mode, Service Center access, a customizable key, Digital Toolkit, Bluetooth 5.2, 3.5mm Headphone Jack, Headset-free FM Radio, and an IR Blaster.

4. SETUP

4.1. SIM/TF Card Installation

To install your SIM or TF card, locate the SIM tray on the side of the device. Use the provided SIM tray ejector tool to open the tray. Carefully place your nano-SIM card(s) and/or TF card into the designated slots. Ensure they are correctly oriented before reinserting the tray firmly into the phone.

Text Description: An image showing the Ulefone Armor X16 Pro 5G's dual 5G connectivity and the 3-card slot for SIM cards and TF card expansion.

4.2. Initial Power On & Basic Configuration

Press and hold the Power button until the Ulefone logo appears. Follow the on-screen prompts to select your language, connect to Wi-Fi, and set up your Google account. The device runs on Android 15, offering a seamless and secure user experience. Google Gemini is integrated for enhanced AI assistance.
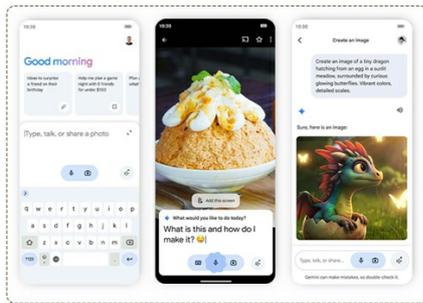
Latest Android 15 OS

In Android 15, you are going to experience enhanced privacy with Private Space, share your screen selectively, and multitask efficiently with app pairs.

Text Description: An image showcasing the Android 15 operating system interface on the Ulefone Armor X16 Pro 5G, highlighting its enhanced privacy features and multitasking capabilities.

Comes with Google Gemini

Your AI assistant is ready.
Experience the intelligence of Google Gemini at your fingertips.

AI Recorder

Effortless Call Recording

Record phone calls and third-party voice audio anywhere and any time.

Text Description: This image illustrates the integration of Google Gemini for AI assistance and the AI Recorder feature for effortless call recording and instant summaries.

5. OPERATING YOUR DEVICE

5.1. Display Features

The Armor X16 Pro 5G features a 6.56-inch FHD+ display with a 720 x 1612 resolution and a 120Hz refresh rate for smooth visuals. With 910 nits brightness, the screen remains visible even under bright sunlight. It is protected by Corning Gorilla Glass 5, offering superior durability against scratches and drops.

6.56" 120Hz Gaming Display

120 Hz
High Refresh Rate

6.56-inch
Large Display

910 nits
Max Brightness

720 x 1612
Resolutions

Text Description: An image detailing the 6.56-inch 120Hz display, 720x1612 resolution, and 910 nits maximum brightness of the Ulefone Armor X16 Pro 5G.

Corning Gorilla Glass 5
4X Stronger than Glass 4

The Corning Gorilla Glass 5 on the Armor X16 Pro
survives falls that would shatter standard glass,
offering not only crystal clear views
but also incredibly scratch resistance.

Text Description: An image highlighting the Corning Gorilla Glass 5 protection on the Armor X16 Pro 5G, emphasizing its 4X stronger resistance compared to Glass 4.

5.2. Performance

Powered by the MediaTek Dimensity 6300 5G 2.4GHz 8-core CPU and a 6nm chipset, the Armor X16 Pro 5G delivers smooth and responsive performance. It comes with 8GB of physical RAM (expandable up to 8GB virtual RAM for a total of 16GB) and 256GB of internal storage, expandable up to 2TB with a TF card, ensuring ample space and speed for all your applications and media.

MediaTek Dimensity 6300 5G
Hyper Fast Multitasking and Gaming, smooth processing for all your tasks.

8-Core
CPU

2.4GHz
Clock Speed

6nm
Advanced Process

Cortex-A76
Powerful Gaming Cores

Text Description: An image detailing the MediaTek Dimensity 6300 5G processor, highlighting its 8-core CPU, 2.4GHz clock speed, 6nm advanced process, and Cortex-A76 powerful gaming cores.

Up to 16GB RAM + 256GB ROM
2TB SD Supported,Load Faster, Store Bigger

8GB RAM
8GB Dynamic RAM

256GB ROM
2TB Expansion

Text Description: An image illustrating the Ulefone Armor X16 Pro 5G's memory configuration, featuring up to 16GB RAM (8GB physical + 8GB dynamic) and 256GB ROM with 2TB expansion support.

5.3. Camera Features

Capture every moment with the versatile camera system. The 64MP main camera with a Sony IMX682 sensor delivers stunning photos. The 25MP night vision camera allows for clear captures in low-light conditions. Explore tiny details with the 2MP macro lens, and enhance your selfies with the 16MP front camera. The underwater mode enables photography and videography while swimming or diving.

64MP
Main Camera

25MP
Night Vision Camera

2MP
Macro Camera

16MP
Front Camera

Text Description: An image providing an overview of the Ulefone Armor X16 Pro 5G's camera system, including the 64MP main camera, 25MP night vision camera, 2MP macro camera, and 16MP front camera, with example photos.

64MP
Ultra Clarity

Equipped with a 64MP main camera, a Sony IMX682 sensor, and a bright f/1.9 aperture, Armor X16 Pro lets you capture the beauty of the outdoors with incredible detail and clarity.

Text Description: A detailed image focusing on the 64MP main camera of the Ulefone Armor X16 Pro 5G, highlighting its Sony IMX682 sensor and f/1.9 aperture for clear outdoor photography.

25MP
Infrared Night Vision Camera

Enhanced by intelligent Ulefone NightEIF 2.0, revealing crucial details in the blackest conditions.

Text Description: An image showcasing the 25MP infrared night vision camera of the Ulefone Armor X16 Pro 5G, demonstrating its ability to capture details in extremely dark conditions.

2MP Macro Camera
Get Closer to Tiny Wonders

Underwater Camera

Text Description: An image highlighting the 2MP macro camera for close-up shots and the underwater camera feature of the Ulefone Armor X16 Pro 5G.

16MP Front Shooter

Decent cropping and editing is allowed for pictures taken by our 16 MP selfie camera. It also offers good image for video calls and vlogging.

Text Description: An image focusing on the 16MP front camera of the Ulefone Armor X16 Pro 5G, suitable for selfies, video calls, and vlogging.

5.4. Battery Management

The massive 10360mAh battery provides up to 555 hours of standby time and 56 hours of talk time. With 33W fast charging, your device quickly recharges. The reverse charging feature allows you to use your phone as a power bank to charge other devices.

10360mAh Mega Battery Demanding Use for 2 Days

33W PD Fast Charging

555 Hours
Standby Time

56 Hours
Talk Time

42 Hours
Music Playback

13 Hours
Video Playback

10360 mAh

33W

Text Description: An image highlighting the 10360mAh mega battery of the Ulefone Armor X16 Pro 5G, showing its impressive standby, music playback, talk time, and video playback durations, along with 33W PD fast charging.

5.5. Connectivity & Special Features

Enjoy global 5G network support with dual SIM dual standby. The device includes NFC for Google Pay, an IR Blaster to control home appliances, and a 133 lumen flashlight with adjustable brightness. Other features include a custom key, outdoor toolbox, 3-card slot, GPS (GLONASS, Beidou, Galileo), and Widevine L1 certification for HD streaming on platforms like Netflix and Disney+.

Built-in 133 Lumens Glare Flashlight

133 Lumens

Adjustable Brightness

One-Key Lighting

Text Description: An image showcasing the built-in 133 lumen glare flashlight of the Ulefone Armor X16 Pro 5G, with adjustable brightness and one-key lighting feature.

Widevine L1 Certified
Access HD Videos on Netflix, Disney+

Elevate your streaming experience with Widevine L1 certification.
Enjoy stunning visuals on platforms like Amazon Prime Video, Netflix, and Disney+.

Disney+   hulu   YouTube
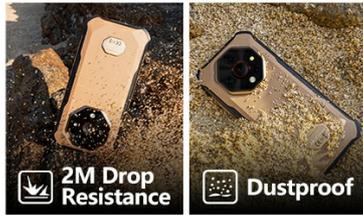prime video   HBO max   NETFLIX

Text Description: An image highlighting the Widevine L1 certification of the Ulefone Armor X16 Pro 5G, allowing access to HD videos on streaming platforms like Netflix, Disney+, and Amazon Prime Video.

6. MAINTENANCE & DURABILITY

The Ulefone Armor X16 Pro 5G is built to withstand harsh environments. It is IP68/IP69K certified, meaning it is waterproof (submersible up to 2 meters for 30 minutes) and dustproof. It is also shockproof, enduring drops from up to 2 meters, and meets MIL-STD-810H military standards for ruggedness. The display is protected by Corning Gorilla Glass 5.

IP68/IP69K Defender

With MIL-STD-810H and IP68/IP69K ratings against shocks, drops, dust, and water, Armor X16 Pro still keeps a reliable connection even in the most hostile environments. It is a best companion for camping, hiking, and working on-site.

Text Description: An image demonstrating the IP68/IP69K and MIL-STD-810H certifications of the Ulefone Armor X16 Pro 5G, highlighting its water, shock, and dust resistance.

Your browser does not support the video tag.

Text Description: An official durability test video for the Ulefone Armor X16 Pro, showing it being subjected to various stress tests including drops, water immersion, and being run over by a train, demonstrating its ruggedness.

7. TROUBLESHOOTING

If you encounter any issues with your Ulefone Armor X16 Pro 5G, please try the following basic troubleshooting steps:

- **Restart Device:** A simple restart can often resolve minor software glitches.
- **Check Connections:** Ensure all cables (charging, headphones) are securely connected.
- **Software Update:** Verify that your device's software is up to date by checking in Settings > System > System update.
- **Factory Reset:** As a last resort, you may perform a factory reset (Settings > System > Reset options > Erase all data). Back up your data before proceeding.
- **Contact Support:** If problems persist, refer to the "Warranty & Support" section for contact information.

8. SPECIFICATIONS

Model Name	Armor X16 Pro
Operating System	Android 15
CPU Model	Mediatek Dimensity 6300
CPU Speed	2.4 GHz
RAM Memory Installed Size	16 GB (8GB physical + 8GB virtual)

Memory Storage Capacity	256 GB (expandable up to 2 TB with TF card)
Screen Size	6.56 Inches
Resolution	720 x 1612
Refresh Rate	120 Hz
Max Brightness	910 nits
Battery Capacity	10360 Milliamp Hours
Phone Talk Time	56 Hours
Water/Dust/Shock Resistance	IP68/IP69K, MIL-STD-810H
Main Camera	64MP (Sony IMX682 sensor)
Night Vision Camera	25MP
Macro Lens	2MP
Front Camera	16MP
Special Features	Dual SIM, Rugged Body, USB OTG, 133 Lumen Flashlight, Water Resistant, AI Recorder, Widevine L1, IR Blaster, Fingerprint Unlock, NFC, Headset-Free FM Radio, Custom Key, Outdoor Toolbox, 3-Card Slot, GPS + GLONASS + Beidou + Galileo, Gloves Mode
Product Dimensions	6.84 x 3.28 x 0.7 inches
Item Weight	1.74 pounds

9. WARRANTY & SUPPORT

Ulefone provides a **12-month manufacturer warranty service** in the US for the Armor X16 Pro 5G. For any questions or support regarding your product, please contact Ulefone customer service. You can typically find contact information on the official Ulefone website or through your purchase platform.
For additional accessories like the Armor Case, Armor Molle Holster, or various mounts, please visit the Ulefone store or check product listings on Amazon.

Face Unlock + Fingerprint ID

NFC & Google Pay

GPS/GLONASS/Beidou/Galileo

Text Description: An image showing the "Service Center" icon, indicating support availability for the Ulefone Armor X16 Pro 5G.