FOSSIBOT F112 PRO

FOSSIBOT F112 PRO Rugged Phone User Manual

Model: F112 PRO

1. Introduction

Welcome to the user manual for your FOSSIBOT F112 PRO Rugged Phone. This guide provides essential information on setting up, operating, maintaining, and troubleshooting your device. The F112 PRO is designed for durability and high performance, featuring advanced specifications to meet demanding usage conditions.

Key Features:

- **High Performance:** Equipped with 24GB RAM (8GB physical + 16GB virtual) and 256GB internal storage, expandable up to 1TB via TF card, powered by a MediaTek Dimensity 6300 processor.
- **Vibrant Display:** Features a 6.88-inch FHD+ display with a 120Hz smart dynamic refresh rate and 480nit brightness for clear visuals.
- **Advanced Camera System:** Includes a 50MP main camera, 16MP front camera, and 5MP macro camera for detailed photography.
- **Long-Lasting Battery:** A 7150mAh battery provides extended usage, supported by 18W fast charging and OTG reverse charging capabilities.
- **Extreme Durability:** Certified with IP68, IP69K, and MIL-STD-810H ratings for water, dust, and shock resistance.
- **Enhanced Connectivity:** Supports 5G dual SIM, NFC for payments, GPS for navigation, Wi-Fi 2.4G, and Bluetooth 5.2.
- **Customizable Access:** Features a dedicated custom button for quick access to preferred applications or functions.

2. What's in the Box

Upon opening your FOSSIBOT F112 PRO package, please verify that all components listed below are present:

- 1x F112 PRO Smartphone
- 1x Type-C USB Cable
- 1x 18W Charger
- 1x TPU Case
- SIM Tray Ejector



Image: The FOSSIBOT F112 PRO Rugged Phone in Green, showcasing its front and back design.



Image: An overview graphic highlighting key features such as 5G Global Network, 7150mAh battery, 24GB RAM + 256GB ROM/1TB, NFC, GPS, 50MP+16MP camera, and 6.88" HD+ Large Display.

Your browser does not support the video tag.

Video: An unboxing video of the FOSSiBOT F112 PRO, demonstrating the contents of the package and initial impressions of the device.

3. Getting Started

3.1. SIM Card Installation

To install your SIM card(s) and/or TF card:

1. Locate the SIM card tray on the side of the phone.
2. Insert the provided SIM ejector tool into the small hole next to the tray and press gently until the tray pops out.
3. Place your Nano-SIM card(s) and/or TF card into the designated slots on the tray. Ensure proper orientation as indicated on the tray.
4. Carefully push the tray back into the phone until it clicks into place.

3.2. Powering On/Off

- **To Power On:** Press and hold the Power button (usually on the right side) until the FOSSIBOT logo appears on the screen.
- **To Power Off:** Press and hold the Power button until the power options menu appears. Select "Power off" and confirm.
- **To Restart:** From the power options menu, select "Restart" and confirm.

3.3. Initial Setup

Follow the on-screen prompts to complete the initial setup process. This includes selecting your language, connecting to a Wi-Fi network, setting up your Google account, and configuring security features like fingerprint or face unlock.

4. Charging and Battery

The FOSSIBOT F112 PRO is equipped with a powerful 7150mAh battery, providing extended usage times. It supports 18W fast charging for quick power replenishment and OTG reverse charging to power other devices.

4.1. Charging Your Device

- Connect the Type-C USB cable to the charging port on your phone.
- Connect the other end of the USB cable to the provided 18W charger.
- Plug the charger into a power outlet. The charging indicator will appear on the screen.

4.2. OTG Reverse Charging

Your F112 PRO can act as a power bank to charge other devices. Use an OTG cable (not included) to connect your phone to the device you wish to charge.



Image: Visual representation of the 7150mAh long-lasting battery, 18W fast charge capability, and OTG reverse charging feature of the FOSSIBOT F112 PRO.

5. Display and Performance

5.1. Display Features

The F112 PRO features a 6.88-inch HD+ display with a 120Hz smart dynamic refresh rate, ensuring smooth scrolling and responsive interactions. With 480nit brightness, the screen remains visible even in bright outdoor environments.



Image: The 6.88-inch HD+ large display of the FOSSIBOT F112 PRO, highlighting its 120Hz high refresh rate and 480nit screen brightness.

5.2. Performance and Storage

Experience seamless multitasking and gaming with 24GB RAM (8GB physical + 16GB virtual memory) and 256GB of internal storage. The storage can be expanded up to 1TB using a TF card, providing ample space for all your files. The device is powered by the MediaTek Dimensity 6300 processor, ensuring efficient and powerful operation.



Image: Illustration of the FOSSIBOT F112 PRO's memory configuration, showing 24GB RAM (8GB+16GB) and 256GB ROM, expandable to 1TB via TF card.

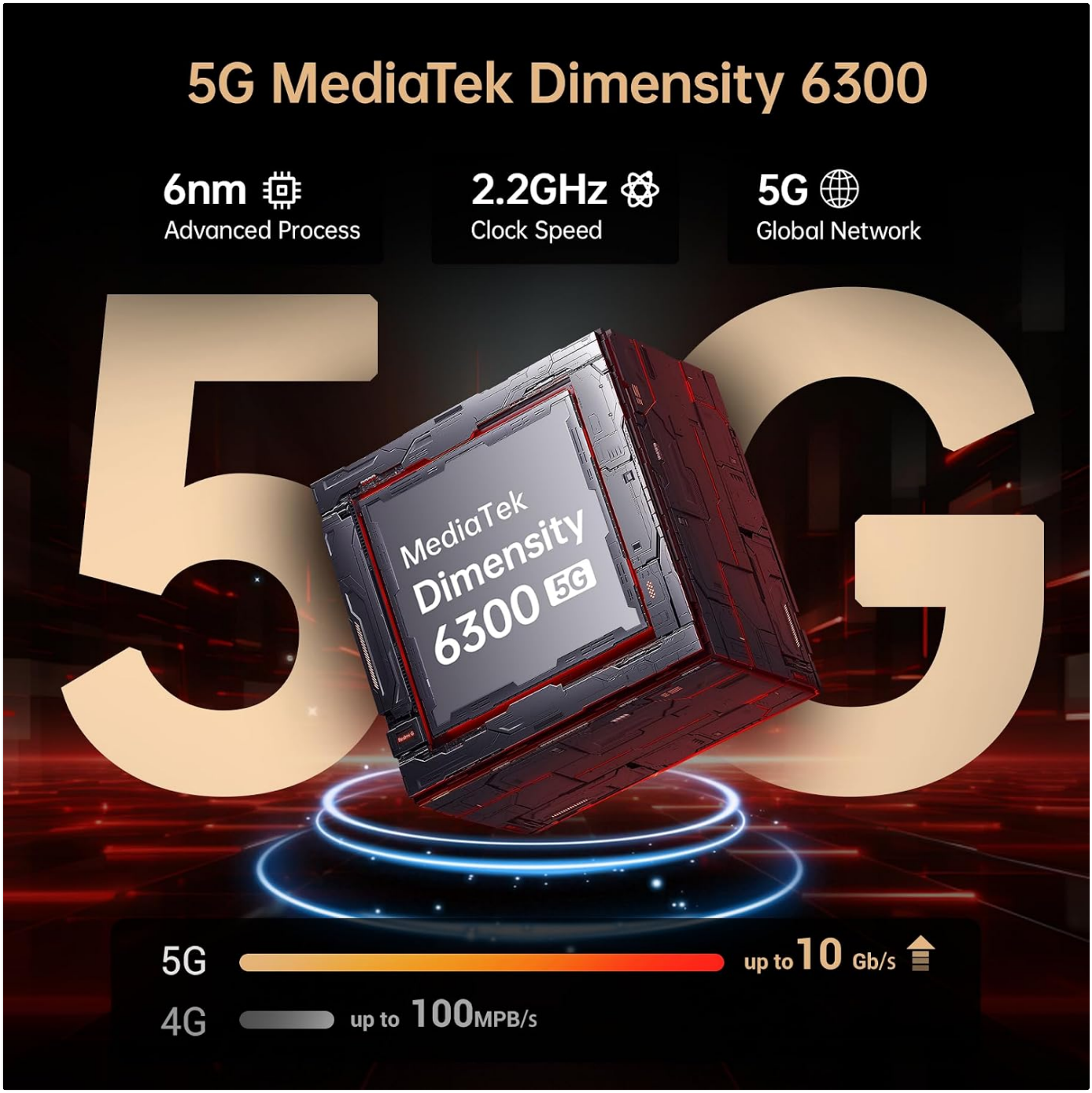


Image: The 5G MediaTek Dimensity 6300 processor, highlighting its 6nm advanced process, 2.2GHz clock speed, and 5G global network capabilities.

6. Camera Features

Capture every moment with the FOSSIBOT F112 PRO's versatile camera system:

- **50MP Main Camera:** Delivers ultra-high pixel images with exceptional clarity and detail.
- **16MP Front Camera:** Perfect for exquisite selfies and clear video calls.
- **5MP Macro Camera:** Enables precise close-ups of tiny objects, revealing intricate details.

The camera also offers various shooting modes, including professional, portrait, beauty, night scene, and sweep, to cater to different photographic needs.



Image: A visual representation of the FOSSIBOT F112 PRO's camera setup, featuring the 50MP main camera and 16MP front camera, along with examples of photos taken.

7. Durability and Protection

The FOSSIBOT F112 PRO is built to withstand harsh environments, holding strong IP68 and IP69K professional military-grade waterproof and dustproof certifications, as well as MIL-STD-810H drop-proof certification. This ensures protection against accidental drops, water immersion up to 1.5 meters for 30 minutes, and 360° dust ingress.



Image: Demonstrates the rugged and waterproof capabilities of the FOSSIBOT F112 PRO, showing it submerged in water and covered in dust, along with MIL-STD-810H drop-proof certification.

8. Connectivity and Navigation

- **5G Dual SIM:** Supports high-speed 5G connectivity with dual SIM capability. Note: Supports T-Mobile, but NOT AT&T/Verizon/Cricket.
- **NFC:** Facilitates easy payments and identity recognition.
- **GPS:** Built-in GPS for accurate navigation.
- **Wi-Fi:** Supports 2.4G Wi-Fi for stable wireless connectivity.
- **Bluetooth:** Features Bluetooth 5.2 for fast and low-power wireless transmission.

9. Custom Button

The F112 PRO includes a dedicated custom button that can be programmed for quick access to your favorite app or function. You can configure it for a single press, double press, or long press to perform different actions.

10. Care and Maintenance

- **Cleaning:** Use a soft, damp cloth to clean the phone's surface. Avoid harsh chemicals or abrasive materials.
- **Temperature:** Do not expose the phone to extreme temperatures (hot or cold) or direct sunlight for prolonged periods.
- **Battery Care:** To prolong battery life, avoid fully discharging the battery frequently. Charge the phone regularly, and if storing for a long time, ensure it has at least a 50% charge.
- **Software Updates:** Keep your phone's software updated to ensure optimal performance and security.

11. Troubleshooting

If you encounter any issues with your FOSSIBOT F112 PRO, please refer to the following common solutions:

Issue	Possible Solution
Phone not turning on	Ensure the battery is charged. Connect to the charger and wait a few minutes before attempting to power on again.
Poor network signal	Check if your SIM card is properly inserted. Move to an area with better network coverage. Verify that your carrier (T-Mobile) is supported.
Apps crashing or freezing	Close background apps. Clear the cache of the problematic app. Restart the phone. Ensure sufficient storage space.
Battery draining quickly	Reduce screen brightness. Close unused apps. Turn off Wi-Fi, Bluetooth, or GPS when not in use. Check for background app activity.
Touchscreen unresponsive	Restart the phone by holding the power button. If unresponsive, force restart (refer to device-specific instructions for force restart if standard power button hold doesn't work).

If the issue persists, please contact FOSSIBOT Official Service for further assistance.

12. Technical Specifications

Feature	Specification
Model Name	F112 PRO
Operating System	Android 14 Phone
RAM Memory Installed Size	24 GB (8GB physical + 16GB virtual)
Memory Storage Capacity	256 GB (Expandable to 1TB via TF card)
Standing Screen Display Size	6.88 Inches
Refresh Rate	120 Hz
CPU Speed	2.2 GHz (MediaTek Dimensity 6300)

Feature	Specification
Battery Power Rating	7150 mAh
Connectivity Technologies	USB, Bluetooth 5.2, NFC, Wi-Fi 2.4/5G
Cellular Technology	5G Phone (Supports T-Mobile)
GPS	True
Special Features	Supports USB OTG, 5G Dual SIM, 1TB Expandable Memory, 18W Fast Charging Support, Built-In GPS
Waterproof/Dustproof	IP68, IP69K
Shockproof	MIL-STD-810H
Item Weight	1.45 pounds
Package Dimensions	8.11 x 7.04 x 1.94 inches
Manufacturer	FOSSiBOT
Country of Origin	China
Date First Available	March 3, 2025

13. Warranty and Support

FOSSiBOT is committed to providing excellent customer service and support for your F112 PRO Rugged Phone.

- **Return Policy:** Enjoy a 30-day no-reason return policy.
- **Technical Support:** Long-term technical support is available.
- **Customer Service:** 24-hour online customer service is provided to assist with any issues you may encounter.

For any problems or inquiries, please contact FOSSiBOT customer service. They aim to reply within 24 hours and provide effective solutions.

Visit the official FOSSIBOT Store for more information:FOSSIBOT Store

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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

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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