FOSSIBOT F112 Pro

FOSSIBOT F112 Pro 5G Rugged Smartphone User Manual

Model: F112 Pro

1. Introduction

The FOSSIBOT F112 Pro is a robust 5G rugged smartphone designed for demanding environments and active lifestyles. It combines advanced performance with military-grade durability, ensuring reliable operation in various conditions. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your device.

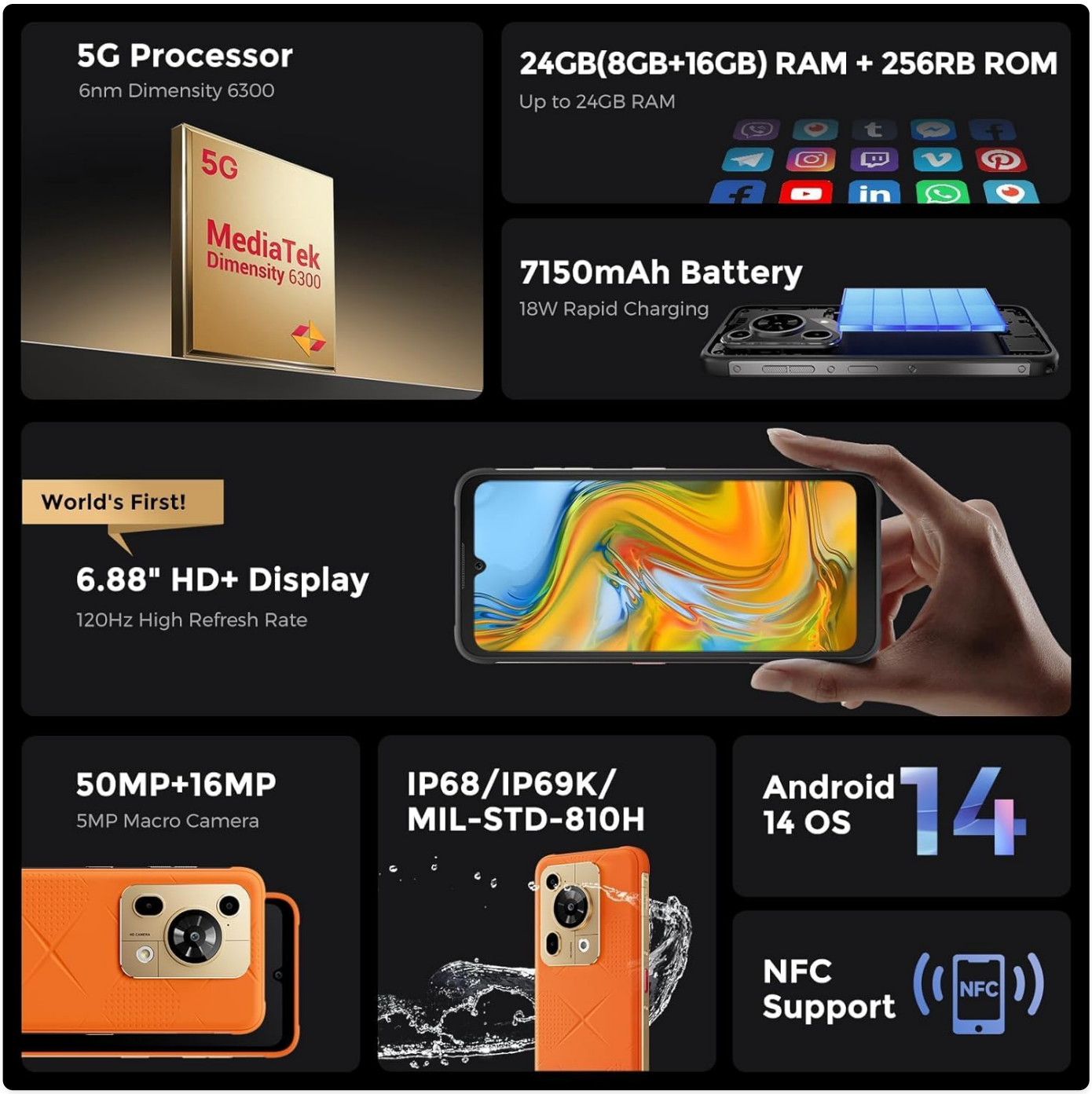


Image: The FOSSIBOT F112 Pro smartphone, showcasing its rugged design.

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Video: An overview of the FOSSIBOT F112 Pro's features and capabilities in various outdoor scenarios.

2. Package Contents

Verify that all items are present in your product package:

- FOSSIBOT F112 Pro Smartphone
- Power Adapter
- USB Cable (Type-C)
- SIM Card Pin
- User Manual
- Warranty Card
- TPU Case

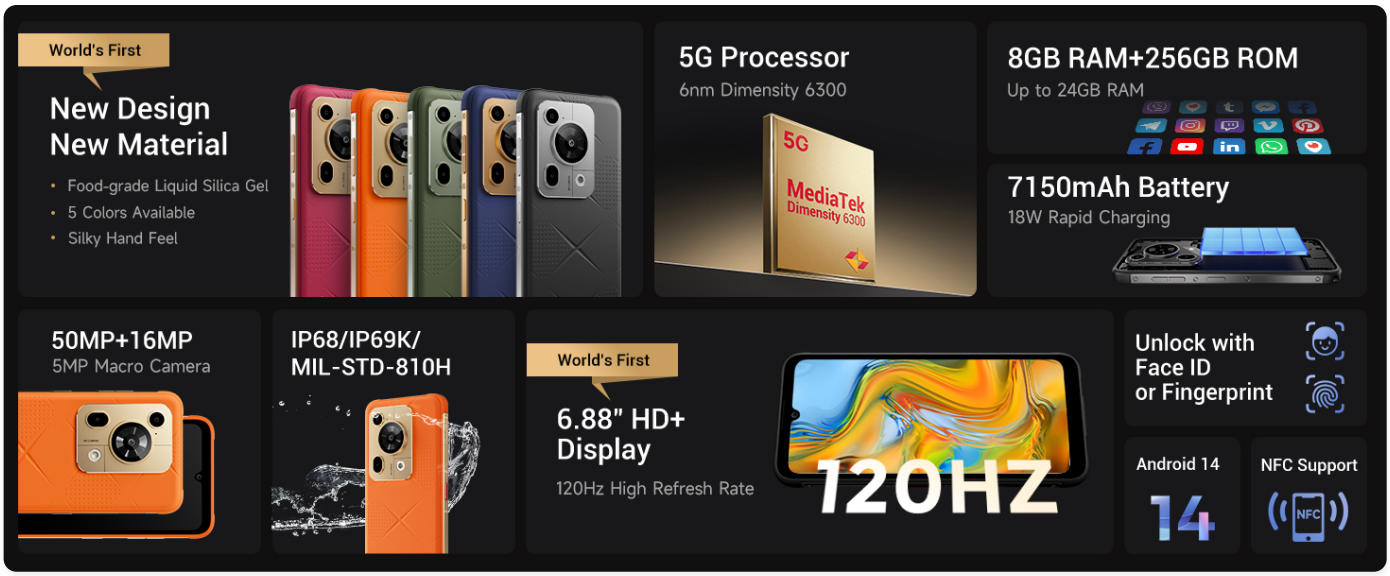


Image: All components included in the FOSSIBOT F112 Pro retail package.

3. Physical Overview

Familiarize yourself with the physical components of your FOSSIBOT F112 Pro smartphone.



Image: Side view of the FOSSIBOT F112 Pro, highlighting its buttons and ports.

- **Power Button:** Located on the right side. Press and hold to power on/off or restart.
- **Volume Buttons:** Located on the right side, above the power button. Use to adjust media volume and ringtone volume.
- **Custom Button:** Programmable button for quick access to specific functions or applications.
- **USB Type-C Port:** Located at the bottom, protected by a waterproof plug. Used for charging and data transfer.
- **SIM/TF Card Slot:** Located on the left side, protected by a waterproof tray.
- **Rear Camera Module:** Houses the 50MP main camera, 5MP macro lens, and AI camera.
- **Front Camera:** 16MP selfie camera located on the display.
- **Fingerprint Sensor:** Integrated for secure unlocking.

4. SIM Card & Storage Installation

To ensure proper network connectivity and expand storage, install your SIM and/or TF (microSD) card correctly.

1. **Locate the SIM Tray:** The SIM/TF card slot is on the left side of the device, protected by a rubber plug.
2. **Open the Tray:** Use the provided SIM ejector tool to gently push into the small hole on the tray until it pops out.
3. **Insert Cards:** Place your Nano-SIM cards and/or TF card into the designated slots on the tray. Ensure the metal contacts face downwards and the cards are correctly oriented.
4. **Close the Tray:** Carefully push the tray back into the slot until it is flush with the phone's body. Ensure the rubber plug is securely sealed to maintain water and dust resistance.



Image: Illustration of inserting dual SIM cards and a TF card into the FOSSIBOT F112 Pro.

5. Initial Setup & Power On

Follow these steps to power on your device and complete the initial setup.

1. **Power On:** Press and hold the Power Button on the right side of the phone until the FOSSIBOT logo appears on the screen.
2. **Language Selection:** Choose your preferred language from the list.
3. **Connect to Wi-Fi:** Select an available Wi-Fi network and enter the password to connect. This is recommended for faster setup and software updates.
4. **Google Account:** Sign in with your Google account or create a new one. This is necessary to download apps from the Google Play Store and access Google services.
5. **Data Transfer:** You may be prompted to transfer data from an old device. Follow the on-screen instructions if desired.
6. **Security Setup:** Set up a screen lock (PIN, pattern, password), fingerprint unlock, and/or face unlock for enhanced security.
7. **Complete Setup:** Follow any remaining prompts to finalize the setup process. Your phone is now ready for use.

6. Charging the Device

The FOSSIBOT F112 Pro features a large 7150mAh battery and supports 18W fast charging.

1. **Connect Charger:** Open the waterproof plug on the USB Type-C port at the bottom of the phone. Connect the provided USB cable to the phone and the power adapter.
2. **Plug In:** Plug the power adapter into a wall outlet. The charging indicator will appear on the screen.

3. **Secure Plug:** After charging, always ensure the waterproof plug is securely re-inserted into the USB port to maintain the device's water and dust resistance.

The device also supports reverse charging, allowing you to use your phone as a power bank for other devices. Connect the other device using an OTG cable (not included) to the F112 Pro's USB-C port.



Image: The FOSSIBOT F112 Pro connected to its charger, illustrating the 7150mAh battery and 18W fast charging.

7. Operating System (Android 14)

Your FOSSIBOT F112 Pro runs on Android 14, offering a smooth and intuitive user experience with enhanced privacy features and performance optimizations.

- **Navigation:** Use gestures or the traditional three-button navigation bar to move between apps, go home, and go back.
- **Notifications:** Swipe down from the top of the screen to access your notifications and quick settings panel.
- **App Drawer:** Swipe up from the home screen to access all your installed applications.

- **Settings:** Access various phone settings, including network, display, sound, battery, and security, through the 'Settings' app.



Image: Various screens of the FOSSIBOT F112 Pro showcasing the Android 14 operating system interface.

8. Camera Features

Capture high-quality photos and videos with the FOSSIBOT F112 Pro's versatile camera system.

- **50MP Main Camera:** For detailed and clear shots in various lighting conditions. Features Optical Image Stabilization (OIS) to reduce blur.
- **5MP Macro Lens:** Ideal for close-up photography, capturing intricate details of small objects.
- **16MP Selfie Camera:** For high-resolution self-portraits and video calls.
- **AI Camera:** Enhances photo quality by intelligently recognizing scenes and adjusting settings.



Image: Detailed view of the FOSSIBOT F112 Pro's rear camera module, highlighting the 50MP main, 5MP macro, and AI cameras.

9. Connectivity (5G, NFC)

Stay connected with high-speed 5G and convenient NFC capabilities.

- **Global 5G Dual SIM:** Supports 38+ global 4G/5G bands, allowing for worldwide use with two SIM cards simultaneously.
- **NFC Support:** Enables contactless payments, quick pairing with compatible devices, and identity recognition.

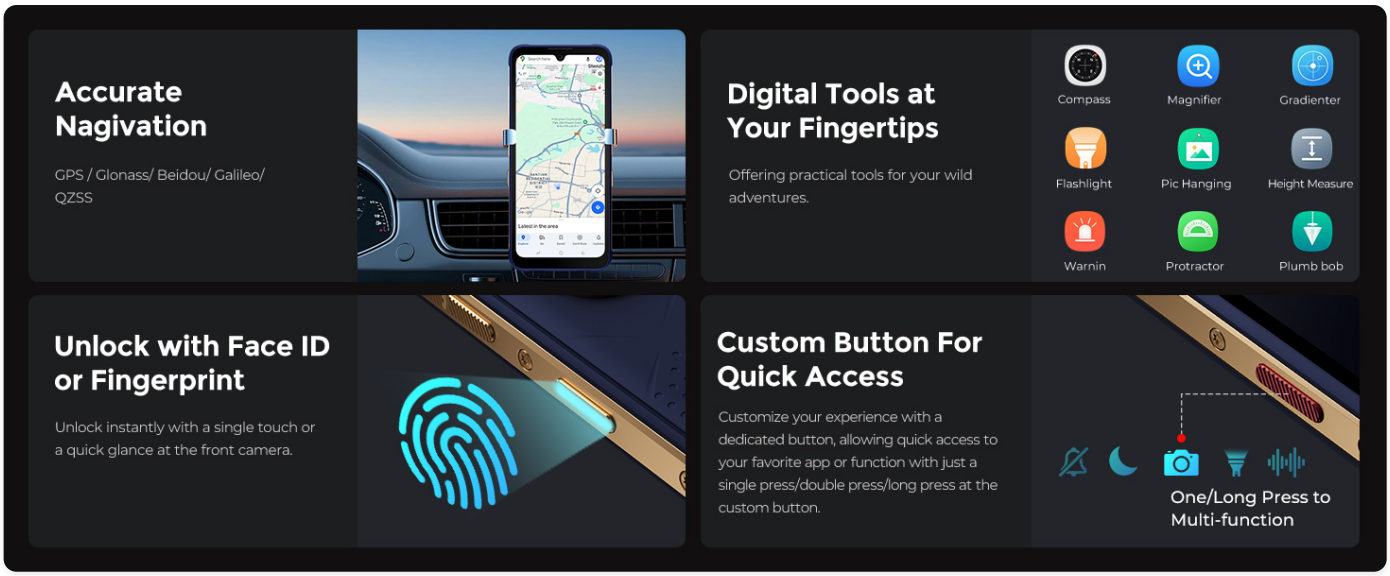


Image: The FOSSIBOT F112 Pro demonstrating its 5G global network capabilities.



Image: A user making a contactless payment using the NFC feature on the FOSSIBOT F112 Pro.

10. Durability Features

The FOSSIBOT F112 Pro is built to withstand harsh conditions, meeting military-grade standards.

- **IP68 & IP69K Rated:** Certified for water and dust resistance. It can withstand submersion in water up to 1.5 meters for 30 minutes and is protected against high-pressure, high-temperature water jets.
- **MIL-STD-810H Certified:** Meets military standards for drop protection, surviving drops from up to 1.5 meters.
- **Temperature Resistance:** Operates reliably in extreme temperatures ranging from -20°C to 60°C.
- **Liquid Silicone Gel Material:** The phone's exterior is made from skin-friendly, anti-fingerprint, anti-sweat, and recyclable liquid silicone gel, providing a comfortable grip and enhanced shock absorption.



Image: The FOSSIBOT F112 Pro submerged in water and covered in sand, demonstrating its IP68/IP69K and MIL-STD-810H durability.



Image: A hand touching the FOSSIBOT F112 Pro, highlighting its skin-friendly, anti-fingerprint, and anti-sweat liquid silicone material.

11. Performance & Storage

Experience smooth multitasking and ample storage with the FOSSIBOT F112 Pro.

- **MTK 6nm Octa-core Processor:** Provides powerful and efficient performance for demanding applications and gaming.
- **24GB RAM (8GB Physical + 16GB Virtual):**Ensures seamless multitasking and smooth operation of multiple applications.
- **256GB ROM:** Generous internal storage for apps, photos, videos, and files.
- **Expandable to 1TB:** Supports TF (microSD) cards for additional storage capacity.

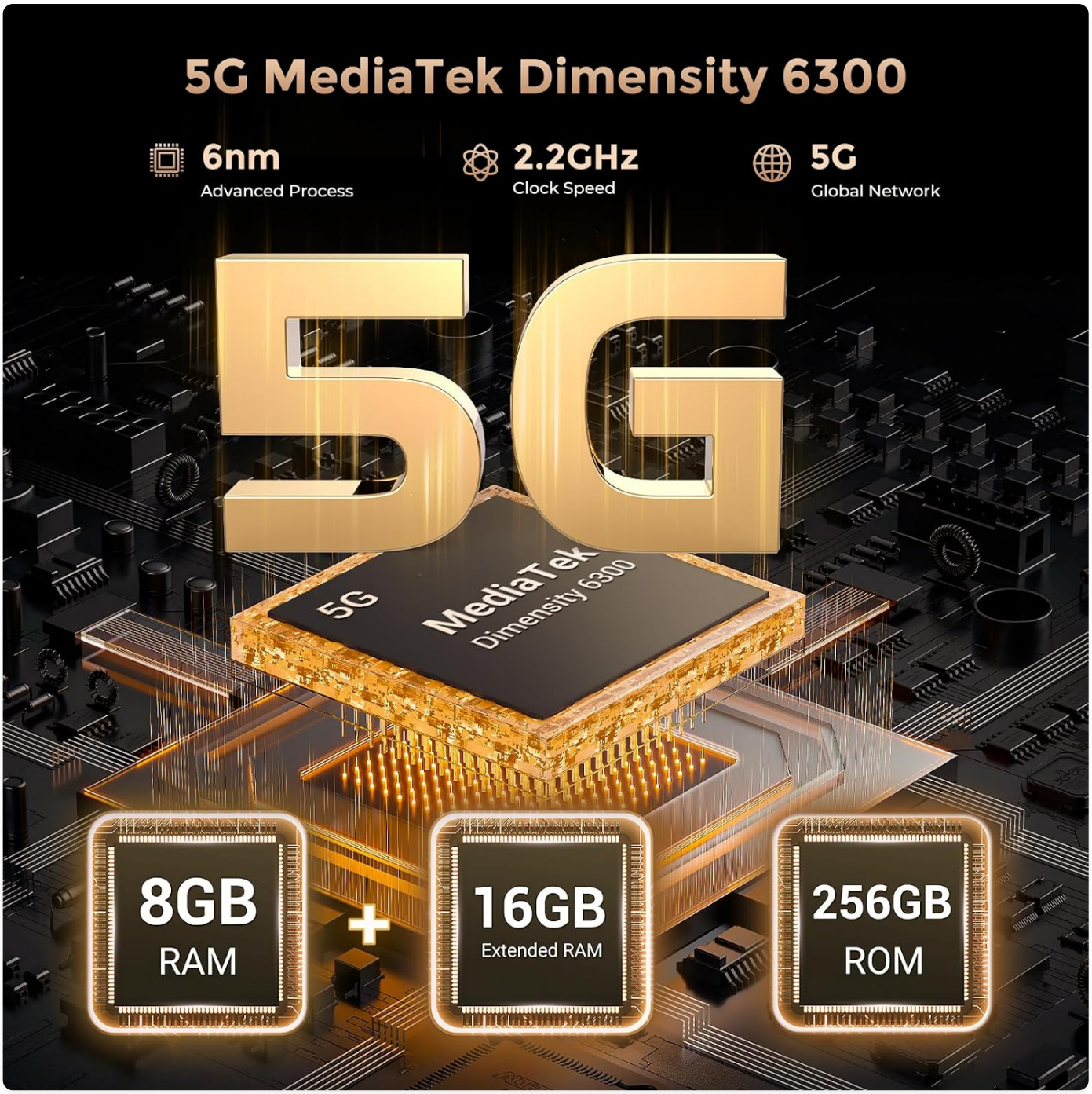


Image: Visual representation of the FOSSIBOT F112 Pro's 5G MediaTek Dimensity 6300 processor, 8GB RAM, 16GB extended RAM, and 256GB ROM.

12. Display

Enjoy immersive visuals on the FOSSIBOT F112 Pro's large, high-refresh-rate display.

- **6.88" FHD+ Display:** Provides a large and clear viewing area for content.
- **120Hz Refresh Rate:** Delivers smooth scrolling and fluid animations, enhancing the user experience.
- **1080 x 2400 Resolution:** Ensures sharp and vibrant images.



Image: The FOSSIBOT F112 Pro display showcasing its 6.88-inch size and 120Hz refresh rate.

13. Digital Tools

The FOSSIBOT F112 Pro includes a suite of practical digital tools for outdoor adventures and daily tasks.

- **Accurate Navigation:** Integrated GPS, Glonass, Beidou, Galileo, and QZSS for precise location tracking.
- **Built-in Apps:** Features tools like Compass, Magnifier, Gradenter, Flashlight, Pic Hanging, Height Measure, Alarm, Protractor, and Plumb Bob.



Image: The FOSSIBOT F112 Pro displaying its navigation features and various digital tools.

14. Maintenance & Care

To ensure the longevity and optimal performance of your FOSSIBOT F112 Pro, follow these maintenance guidelines:

- **Keep Ports Sealed:** Always ensure the rubber plugs for the USB-C port and SIM tray are securely closed when not in use to maintain water and dust resistance.
- **Clean Gently:** Use a soft, damp cloth to clean the device. Avoid harsh chemicals or abrasive materials that could damage the screen or body.
- **Avoid Extreme Temperatures:** While rugged, prolonged exposure to temperatures outside the operating range (-20°C to 60°C) can affect battery life and internal components.
- **Protect the Screen:** Although durable, consider using a screen protector for added scratch resistance.
- **Software Updates:** Regularly check for and install software updates to ensure your device has the latest security patches and performance improvements.

15. Troubleshooting

This section addresses common issues you might encounter with your FOSSIBOT F112 Pro.

Issue	Possible Cause	Solution
Device won't power on	Low battery, software crash	Charge the device for at least 30 minutes. Perform a force restart by holding the Power button for 10-15 seconds.
Poor network signal	SIM card not inserted correctly, out of network coverage, software glitch	Re-insert SIM card. Move to an area with better network coverage. Restart the phone. Check network settings.
Apps crashing or freezing	Insufficient RAM, app conflict, outdated app	Close background apps. Clear app cache/data. Update the app. Restart the phone.
Battery drains quickly	High screen brightness, background apps, poor signal, old battery	Adjust screen brightness. Close unused apps. Enable battery saver mode. Check battery usage in settings to identify draining apps.

Issue	Possible Cause	Solution
Camera not working	App permissions, software glitch	Check camera permissions in app settings. Clear camera app cache. Restart the phone.

If issues persist, contact FOSSIBOT customer support for further assistance.

16. Specifications

Key technical specifications for the FOSSIBOT F112 Pro:

- **Model Name:** F112 Pro
- **Operating System:** Android 14
- **CPU Model:** Mediatek Dimensity 9000 (Note: Product description mentions MTK 6nm octa-core, while specifications list Dimensity 9000. Please refer to official product page for most accurate CPU model.)
- **CPU Speed:** 2.0, 2.4 GHz
- **RAM:** 24 GB (8GB Physical + 16GB Virtual)
- **Internal Storage:** 256 GB
- **Expandable Storage:** Up to 1 TB (TF Card)
- **Screen Size:** 6.88 Inches
- **Resolution:** 1080 x 2400
- **Refresh Rate:** 120 Hz
- **Battery Capacity:** 7150 mAh
- **Charging:** 18W Fast Charging
- **Talk Time:** 72 Hours
- **Connectivity:** 5G, Dual SIM, Wi-Fi, Bluetooth, NFC, GPS
- **Durability:** IP68, IP69K, MIL-STD-810H
- **Rear Camera:** 50MP Main, 5MP Macro
- **Front Camera:** 16MP
- **Audio Jack:** 3.5 mm
- **Item Weight:** 2.2 pounds
- **Package Dimensions:** 8.11 x 7.05 x 1.95 inches

17. Warranty & Support

Your FOSSIBOT F112 Pro comes with a manufacturer's warranty. Please refer to the included Warranty Card in your package for specific terms and conditions, including warranty period and coverage details.

For technical support, troubleshooting assistance, or warranty claims, please contact FOSSIBOT customer service through their official website or the contact information provided in your warranty documentation.

Keep your purchase receipt and warranty card in a safe place as proof of purchase may be required for warranty services.

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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.

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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