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FOSSIBOT F112 PRO

FOSSIBOT F112 PRO Rugged Phone User Manual

Model: F112 PRO

Introduction Package Contents Device
Overview Setup Operation Camera Durability Connectivity Battery Maintenance Troubleshooting Specifications Warranty

1. Introduction

The FOSSIBOT F112 PRO is a rugged smartphone designed for durability and high performance. It features a robust construction, advanced processing capabilities, and a long-lasting battery, making it suitable for demanding environments and active lifestyles. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your device.



Image 1.1: Front and back view of the FOSSIBOT F112 PRO Rugged Phone, showcasing its robust design and camera module.

2. Package Contents

Please verify that all items are present in your product package:

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

3. Device Overview

The FOSSIBOT F112 PRO is designed with user convenience and durability in mind. Key features include a large display, a multi-camera system, and a side-mounted fingerprint sensor for secure access.



Image 3.1: A visual summary of the FOSSIBOT F112 PRO's main features, including its 5G capability, large battery, biometric security, and camera system.

3.1 Physical Features

- **Display:** 6.88-inch HD+ display with 120Hz refresh rate.
- **Camera Module:** Rear-mounted 50MP main camera, 5MP macro camera, and LED flash.
- **Front Camera:** 16MP front-facing camera.
- **Side Buttons:** Power button (integrated with fingerprint sensor), volume up/down buttons, and a customizable button.
- **Ports:** USB Type-C port for charging and data transfer.
- **SIM Tray:** Dual SIM card slot.

4. Setup

4.1 SIM Card Installation

1. Locate the SIM card tray on the side of the device.
2. Insert the provided SIM ejector tool into the small hole next to the tray and push 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 the gold contacts are facing down.
4. Carefully reinsert the tray into the phone until it is flush with the device body.

4.2 Initial Power On

1. Press and hold the Power button (located on the side) until the FOSSIBOT logo appears on the screen.
2. Follow the on-screen prompts to complete the initial setup, including language selection, Wi-Fi connection, Google account login, and security settings (fingerprint, face unlock, PIN/pattern).

5. Operating Instructions

5.1 Display and Interaction

The F112 PRO features a 6.88-inch HD+ display with a 120Hz refresh rate, providing a smooth visual experience for browsing, gaming, and video playback. The 480nit brightness ensures visibility even in bright outdoor conditions.



Image 5.1: The F112 PRO's 6.88-inch HD+ display, highlighting its 120Hz refresh rate for smooth visuals.

5.2 Performance and Storage

Powered by the 5G MediaTek Dimensity 6300 Octa-Core chip (2.2GHz, 6nm architecture), the F112 PRO offers fast and efficient performance. It comes with 24GB RAM (8GB physical + 16GB virtual) and 256GB internal storage, expandable up to 1TB with a TF card.

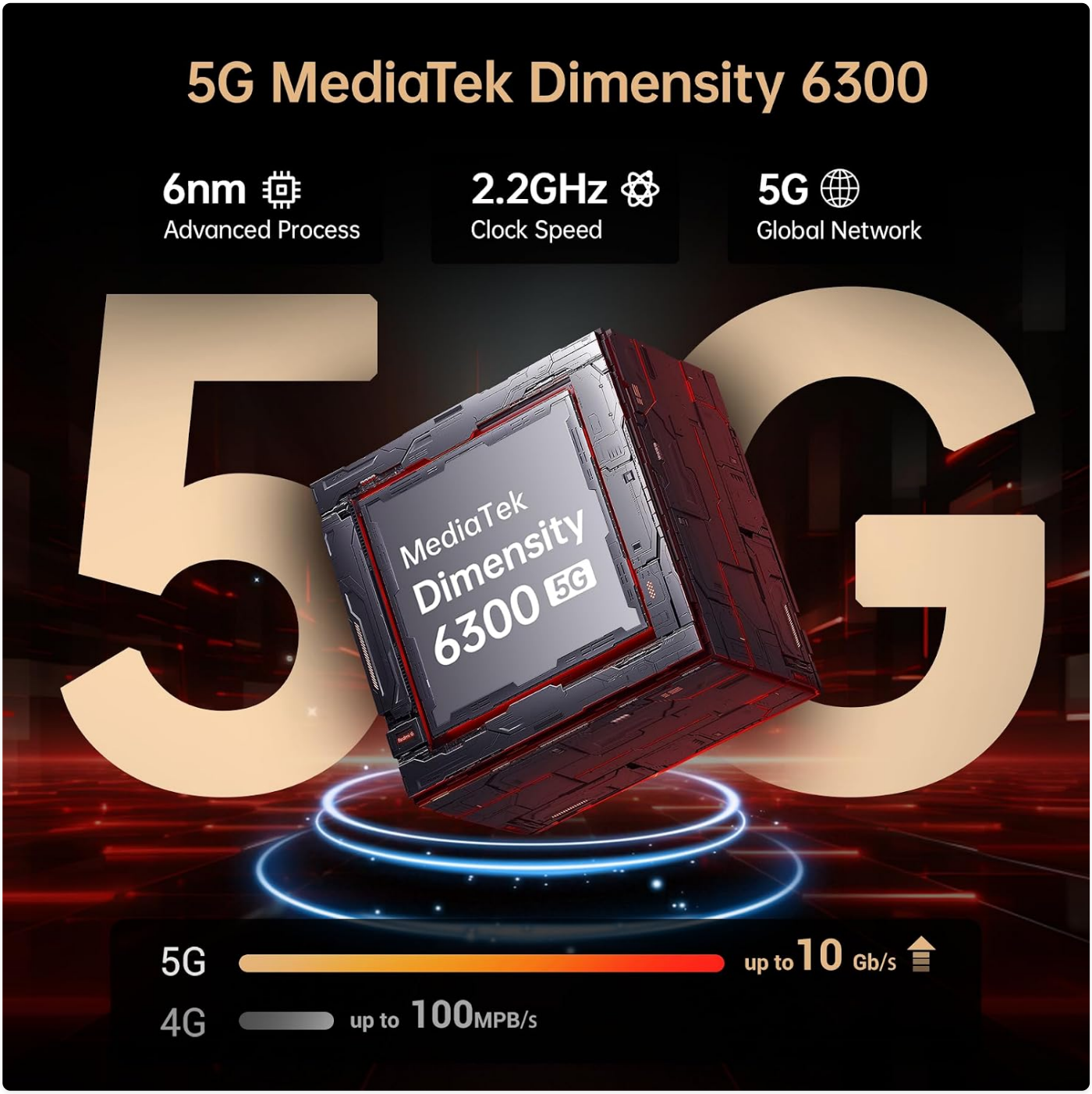


Image 5.2: Details of the MediaTek Dimensity 6300 5G processor, emphasizing its 6nm advanced process and 2.2GHz clock speed.



Image 5.3: Illustration of the F112 PRO's memory configuration, including 24GB RAM, 256GB ROM, and 1TB TF card expandability.

5.3 Custom Button

The F112 PRO includes a customizable side button. You can assign specific functions or launch your favorite applications with a single press, double press, or long press. Configure this feature in the phone's settings under 'Smart Assistant' or 'Custom Key'.

5.4 NFC Functionality

The device supports NFC (Near Field Communication) for convenient mobile payments, quick pairing with compatible devices, and identity recognition. Ensure NFC is enabled in your phone's settings to use these features.

5.5 GPS Navigation

Integrated GPS, GLONASS, Beidou, and Galileo support provide accurate and reliable navigation. Use pre-installed map applications or download your preferred navigation tools from the Google Play Store.

6. Camera Features

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



Image 6.1: Overview of the F112 PRO's camera setup, featuring a 50MP main camera and a 16MP front camera, along with a 5MP macro lens.

- **50MP Main Camera:** Delivers high-resolution images with rich detail.
- **16MP Front Camera:** Ideal for clear selfies and video calls.
- **5MP Macro Camera:** Allows for precise close-up shots of small objects.
- **Shooting Modes:** Includes Professional, Portrait, Beauty, Night Scene, and Sweep modes to enhance your photography experience.

7. Durability Features

The FOSSIBOT F112 PRO is built to withstand harsh conditions, certified with industry-leading ruggedness standards.



Image 7.1: Visual representation of the F112 PRO's rugged features, including its IP68, IP69K, and MIL-STD-810H certifications for water, dust, and shock resistance.

- **IP68 Waterproof:** The device can be submerged in water up to 1.5 meters for 30 minutes.
- **IP69K Dustproof:** Provides complete protection against dust ingress.
- **MIL-STD-810H Drop-proof:** Designed to withstand drops from 1.5 meters, protecting against accidental impacts.

8. Connectivity

The F112 PRO offers comprehensive connectivity options:

- **5G Network Support:** For high-speed mobile data.
- **Wi-Fi:** Supports 2.4G and 5G Wi-Fi bands for stable wireless internet.
- **Bluetooth 5.2:** For efficient and low-power wireless connections to accessories.
- **NFC:** For contactless payments and data exchange.
- **USB Type-C:** For charging and data transfer.
- **Carrier Compatibility:** Supports T-Mobile. **Does NOT support AT&T or Verizon/Cricket.**

9. Battery Management

The F112 PRO is equipped with a large 7150mAh battery for extended usage.



Image 9.1: Details on the F112 PRO's 7150mAh battery, 18W fast charging capability, and OTG reverse charging function.

- **Capacity:** 7150mAh, providing up to 12 days of standby time.
- **Fast Charging:** Supports 18W fast charging to quickly replenish the battery.
- **OTG Reverse Charging:** The phone can act as a power bank to charge other devices using an OTG cable.

10. Maintenance

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

- **Cleaning:** Regularly wipe the device with a soft, damp cloth. For stubborn dirt, use a mild soap solution. Ensure all ports are dry before charging.
- **Avoid Extreme Temperatures:** Do not expose the phone to excessively high or low temperatures, as this can affect battery life and internal components.
- **Port Protection:** Keep the USB Type-C port free from dust and debris. Ensure the port cover (if present) is securely closed when not in use, especially in wet or dusty environments.
- **Software Updates:** Keep your device's software updated to benefit from the latest security patches and performance improvements.

11. Troubleshooting

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

Problem	Possible Solution
Phone does not power on	Ensure the battery is charged. Connect to the charger for at least 15 minutes, then try powering on again. If unresponsive, perform a forced restart by holding the Power button for 10-15 seconds.
Poor network signal or no service	Check if the SIM card is correctly inserted. Verify that your carrier is supported (T-Mobile is supported; AT&T/Verizon/Cricket are NOT). Try restarting the phone or toggling Airplane Mode on and off.
Battery drains quickly	Reduce screen brightness, close unused apps running in the background, disable unnecessary connectivity features (Wi-Fi, Bluetooth, GPS) when not in use. Check battery usage in settings to identify power-hungry apps.
Apps are slow or freezing	Clear app cache, close background apps, or restart the device. Ensure sufficient storage space is available.
Charging is slow	Ensure you are using the original 18W charger and Type-C cable provided. Check the charging port for debris.

If problems persist, please contact FOSSIBOT customer service for further assistance.

12. Specifications

Key technical specifications for the FOSSIBOT F112 PRO:

Feature	Detail
Model	F112 PRO
Operating System	Android 14
Processor	MediaTek Dimensity 6300 Octa-Core (2.2GHz)
RAM	24GB (8GB physical + 16GB virtual)
Internal Storage	256GB
Expandable Storage	Up to 1TB with TF card
Display	6.88-inch HD+ (1600x720), 120Hz Refresh Rate, 480nit Brightness
Main Camera	50MP
Front Camera	16MP
Macro Camera	5MP
Battery Capacity	7150mAh
Charging	18W Fast Charging, OTG Reverse Charging
Connectivity	5G, Wi-Fi 2.4G/5G, Bluetooth 5.2, NFC, USB Type-C
Navigation	GPS, GLONASS, Beidou, Galileo
Durability	IP68 Waterproof, IP69K Dustproof, MIL-STD-810H Drop-proof
Dimensions	8.11 x 7.04 x 1.94 inches (Package)
Item Weight	1.45 pounds

13. Warranty and Support

FOSSIBOT provides comprehensive customer support for your F112 PRO device:

- **Return Policy:** 30 days no-reason return policy.
- **Technical Support:** Long-term technical support is available.
- **Customer Service:** 24-hour online customer service.

For any issues or inquiries, please contact FOSSIBOT customer service directly. Contact information can typically be found on the official FOSSIBOT website or through your purchase platform.

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