**FOSSiBOT F105**

# FOSSiBOT F105 Rugged Smartphone User Manual

Model: F105

## 1. Introduction

This manual provides instructions for the FOSSiBOT F105 rugged smartphone. It covers device setup, operation, maintenance, and troubleshooting to ensure proper use and longevity of your device.




Image 1.1: FOSSiBOT F105 Rugged Smartphone. This image displays the front and rear of the FOSSiBOT F105 smartphone, highlighting its robust design and camera module.

## 2. Package Contents

Verify that all items are present in the product packaging:

- FOSSiBOT F105 Smartphone
- Power Adapter
- Screen Protector
- SIM Tray Ejector
- USB Cable (Type-C)
- User Manual / Warranty Card

Image 2.1: FOSSiBOT F105 Package Contents. This image shows the FOSSiBOT F105 smartphone along with its accessories: a power adapter, USB-C cable, SIM ejector tool, and documentation.

# 3. Setup

## 3.1 SIM Card and Storage Card Installation

1. Locate the SIM card tray on the side of the device.
2. Insert the SIM tray ejector tool into the small hole next to the tray to open it.
3. Place your Nano-SIM card(s) and/or TF (microSD) card into the designated slots on the tray. Ensure correct orientation.
4. Carefully reinsert the tray into the phone until it clicks into place.




Image 3.1: Dual Nano SIM and TF Card Slot. This image illustrates the SIM card tray, showing slots for two Nano-SIM cards and a TF (microSD) card for expandable storage.

## 3.2 Initial Power On and Android 14 Setup

1. Press and hold the Power button until the FOSSiBOT logo appears.
2. Follow the on-screen prompts to complete the initial setup, including language selection, Wi-Fi connection, Google account login, and security settings.
3. The device runs on Android 14, offering enhanced privacy controls and customization options.

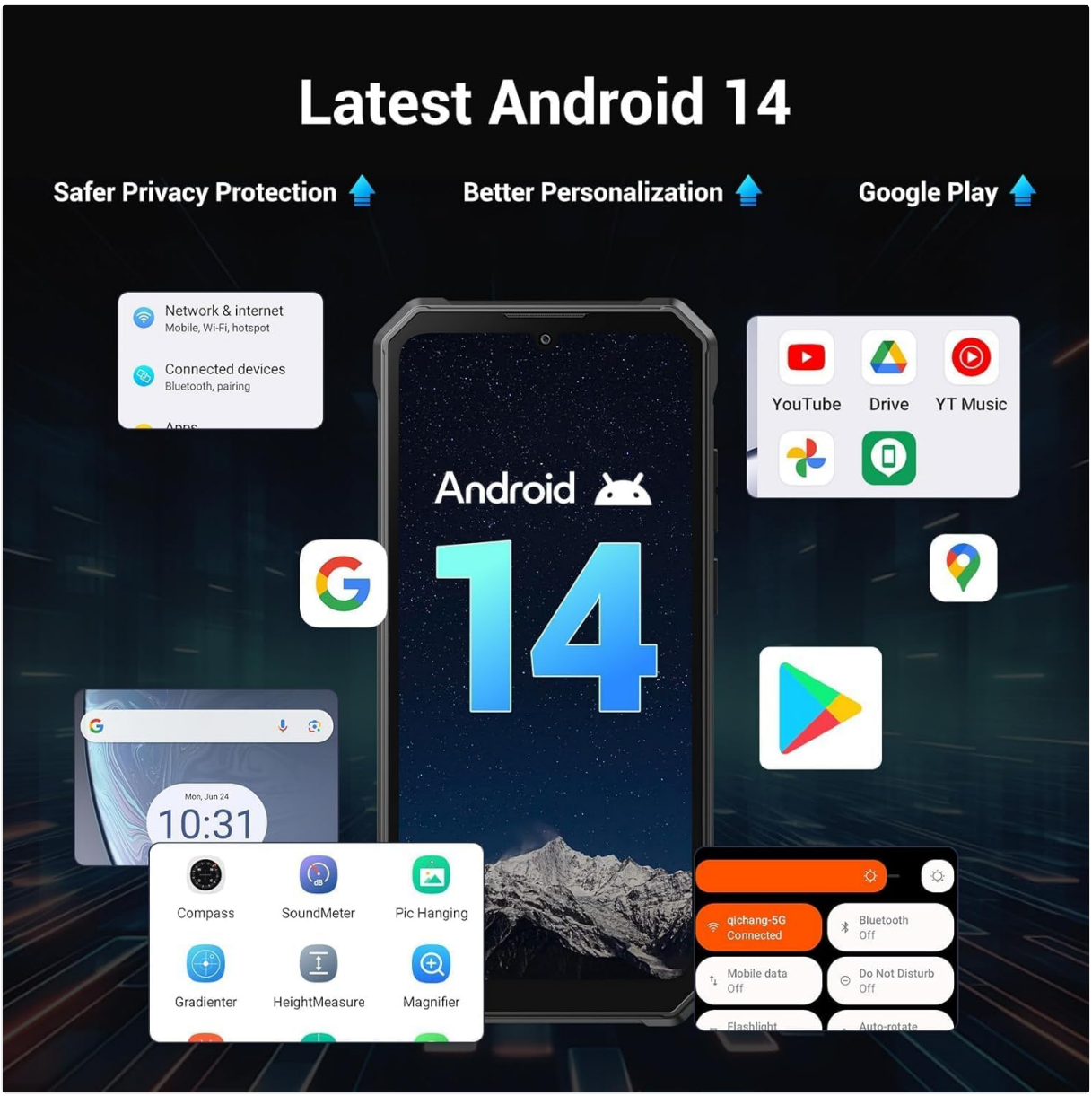



Image 3.2: Android 14 Interface. This image displays the Android 14 operating system interface, showcasing various app icons and system settings.

# 4. Operating Instructions

## 4.1 Display

The F105 features a 6.745-inch HD+ IPS display with a resolution of 720 x 1600 pixels and 420 nits brightness. This display provides clear visuals for various applications.




Image 4.1: 6.745-inch HD+ Immersive Display. This image highlights the smartphone's display, showing its size, resolution, pixel density, and brightness specifications.

## 4.2 Performance and Storage

The device is equipped with 12GB of RAM (4GB physical + 8GB virtual) and 64GB of internal storage, powered by a MediaTek 8788 octa-core processor. This configuration supports multitasking and application usage.

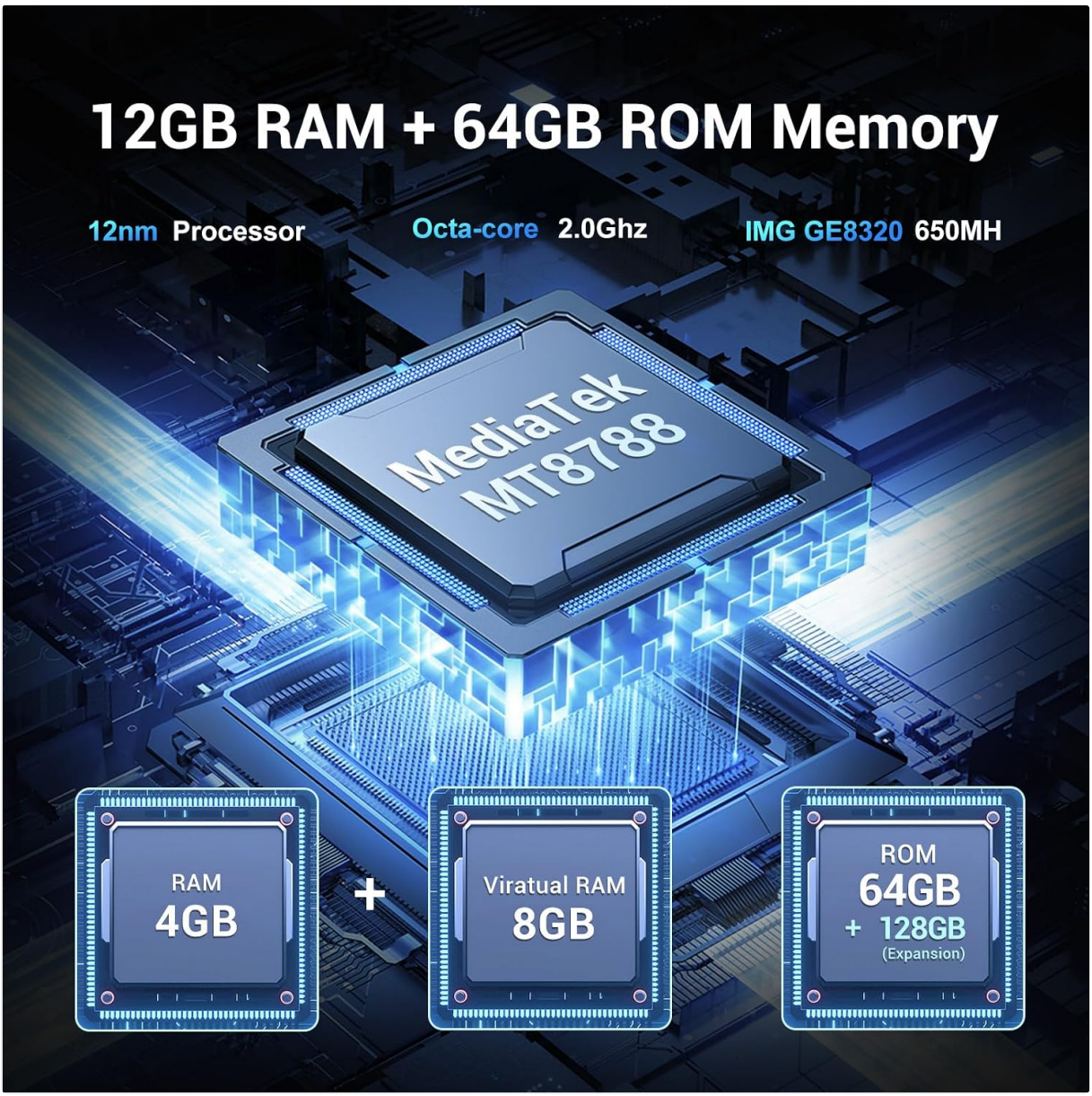



Image 4.2: 12GB RAM + 64GB ROM Memory. This image illustrates the internal components, detailing the 12GB RAM (4GB physical + 8GB virtual) and 64GB ROM, along with the MediaTek MT8788 processor.

## 4.3 Battery and OTG Functionality

The F105 features a 10300mAh battery, providing extended usage times. The OTG (On-The-Go) function allows the device to act as a power bank for other compatible devices.




Image 4.3: 10300mAh Battery Capacity. This image visually represents the large 10300mAh battery and its estimated usage times for standby, talk, music, video, and gaming.

## 4.4 Camera Features

The smartphone includes a 20MP main camera and an 8MP front camera. The IP68 rating allows for underwater photography by pressing the volume buttons.




Image 4.4: Dual AI Cameras. This image shows the front and rear cameras, indicating the 20MP main camera and 8MP front camera specifications.




Image 4.5: Underwater Camera Functionality. This image demonstrates the phone being used to take photos underwater, highlighting its IP68 water resistance for aquatic environments.

## 4.5 Durability and Protection

The F105 is designed for rugged environments, featuring IP68/IP69K water and dust resistance, and MIL-STD-810H compliance for shock resistance. It can withstand immersion in water up to 1.5 meters for 30

minutes.




Image 4.6: Rugged for Harsh Environments. This image displays the phone in various challenging conditions (underwater, dusty, dropped), illustrating its IP68, IP69K, and MIL-STD-810H ratings.

## 4.6 Security Features

The device supports Face ID for facial recognition and a fingerprint sensor for secure unlocking and authentication.



Image 4.7: Face ID and Fingerprint Unlock. This image shows the phone being unlocked using Face ID and highlights the location of the fingerprint sensor.

### 4.7 Navigation and Digital Tools

The F105 integrates multiple navigation systems including GPS, Glonass, Beidou, Galileo, and QZSS for accurate positioning. It also includes various digital tools such as a compass, sound meter, and magnifier.

### 4.8 Network Connectivity

The smartphone supports 2G, 3G, and 4G cellular networks, providing connectivity for calls and data services.

### 4.9 Programmable Smart Buttons

The device features programmable smart buttons that can be customized to quickly launch preferred applications or functions.

## 5. Maintenance

To maintain the FOSSiBOT F105 in optimal condition:

- **Cleaning:** Use a soft, damp cloth to clean the device. Avoid harsh chemicals or abrasive materials.
- **Water Resistance:** Ensure all port covers are securely closed before exposing the device to water. While rugged, prolonged exposure to extreme conditions should be avoided.
- **Temperature:** Operate the device within recommended temperature ranges. Avoid extreme heat or cold.
- **Charging:** Use only the provided charger and USB cable to prevent damage to the battery and device.

## 6. Troubleshooting

If you encounter issues with your FOSSiBOT F105, consider the following steps:

- **Device Unresponsive:** Press and hold the Power button for approximately 10-15 seconds to force a restart.
- **Application Issues:** Close and reopen the application. If the problem persists, clear the app's cache and data in the device settings.
- **Network Connectivity:** Check if Airplane Mode is off. Restart the device or reset network settings if connectivity issues persist.
- **Battery Drain:** Review battery usage in settings to identify power-consuming applications. Reduce screen brightness and disable unnecessary features.
- **Factory Reset:** As a last resort, if software issues cannot be resolved, perform a factory reset. **Warning:** This will erase all data on your device. Back up important information before proceeding.

## 7. Specifications

| Feature | Specification |
| --- | --- |
| Brand | FOSSiBOT |
| Model Name | F105 |

| Feature | Specification |
|---|---|
| Operating System | Android 14 |
| Screen Size | 6.745 Inches |
| Resolution | 1600 x 720 (HD+) |
| RAM | 12 GB (4GB physical + 8GB virtual) |
| Storage Capacity | 64 GB |
| CPU Model | MediaTek Helio (MT8788) |
| CPU Speed | 2.0 GHz |
| Battery Capacity | 10300 mAh |
| Main Camera Resolution | 20 Megapixels |
| Front Camera Resolution | 8 Megapixels |
| Connectivity | 2G, 3G, 4G Cellular |
| Special Features | Large battery, Waterproof, Shock-resistant, High performance |
| Water/Dust Resistance | IP68/IP69K |
| Military Standard | MIL-STD-810H |

## 8. Warranty and Support

For warranty information or technical support, please refer to the warranty card included in your package or contact FOSSiBOT customer service. Information regarding spare parts availability and software update guarantees is not available in this document.

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