



**MIFI**

**User Manual**

**V 1.0.0**

# Revision History

Date	Version	Declaration	Author
2025-08-12	V1.0.0	Initial version	Jonas

## Product Applicability Statement

This user manual explains how to configure the following devices:

- MF100-1U

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# Chapter 1 Device Overview

## 1.1 Device Overview

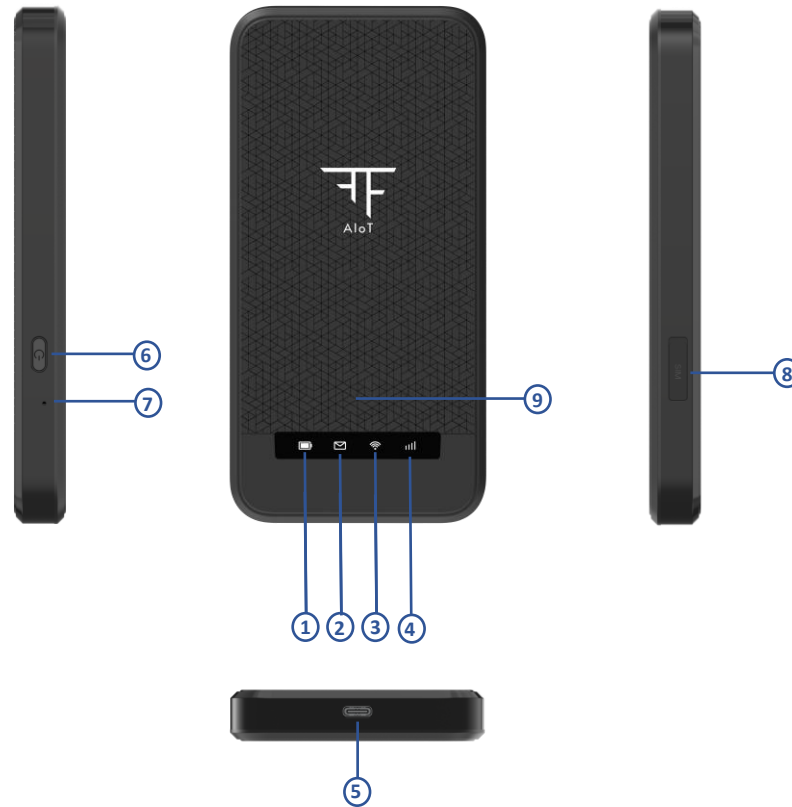
MF100-1U is a cost-effective, portable 5G MiFi that delivers high-speed 5G connectivity anytime, anywhere within coverage areas—ideal for personal, home, small business, and industry use.

**Note:** When using a power adapter, choose one that complies with relevant safety standards.



# Chapter 2 Exploring Your 5G MIFI

## 2.1 External Features Overview



Number	Describe
1	Battery indicator
2	SMS indicator
3	Wi-Fi indicator
4	Signal strength indicator
5	USB Type-C port
6	On/Off button

7	Reset button
8	SIM card
9	NFC sensing area

## 2.2 Buttons Description

Buttons	Description
On/Off Button	<ul style="list-style-type: none"> <li>● Press and hold for 3 seconds to power the device on or off.</li> <li>● Press briefly for 1 second to turn the indicator light on or off.</li> <li>● Double-press to switch the Wi-Fi frequency band.</li> </ul>
Reset Button	<p>Used to restore the device to factory settings.</p> <p>While the device is powered on: Press and hold the reset pin for 5 seconds to reset the device to factory defaults.</p>

## 2.3 Interfaces Description

Buttons	Description
Type-C	Charging and data port: Device powers on automatically when a cable is inserted.
SIM Card Slot	Installing the SIM Card

## 2.4 Indicators Description

Indicators	Status	Description
Signal Strength	Green	Good Network Quality
	Blue	Moderate Network Quality
LED	Red Blink	SIM Card Not Inserted
	Off	No Internet
WIFI LED	Blue	WIFI on
	Off	WIFI off
SMS LED	Blue	Unread messages
	Off	No unread messages
Battery LED	Green	Battery level: 60%–100%
	Blue	Battery level: 10%–60%
	Red	Battery level: 0%–10%
	Blink	Battery Charging

All LEDs turn off when the device enters sleep or power-saving mode.

## 2.5 Install SIM Card

1. Press and hold the power button to turn off the device.
2. Open the SIM card dust cover located on the side.
3. Insert the SIM card following the orientation shown in the SIM card instructions.
4. Press and hold the power button to turn the device back on.
5. Check the signal strength indicator: if it is blinking, the SIM card is recognized properly; if not blinking, the SIM card is not detected.

## 2.6 Login to the Device

1. Connect your terminal device to the product and obtain an IP address.
2. Open a browser and enter the device IP address found on the device label.
3. Enter the username and password (also on the device label) to access the configuration management page.

### Recommended Browsers:

- Internet Explorer 11.0 or higher
- Firefox 3.0 or higher
- Safari 4.0 or higher
- Opera 10.0 or higher
- Chrome 10.0 or higher

## 2.7 Connecting to the Device

This product can connect to the user terminal via a Type-C interface or Wi-Fi.

Wi-Fi connection methods:

- **Manual Entry** – Check the SSID and Wi-Fi password on the device label. Each data terminal has a unique SSID and password. Enter them on the user terminal to connect.
- **NFC Automatic Connection** – Enable the NFC function on the user terminal (Android & HarmonyOS only). Place the terminal's NFC antenna near the center front of the product. When the SSID appears, tap to connect automatically.

**Attention:**

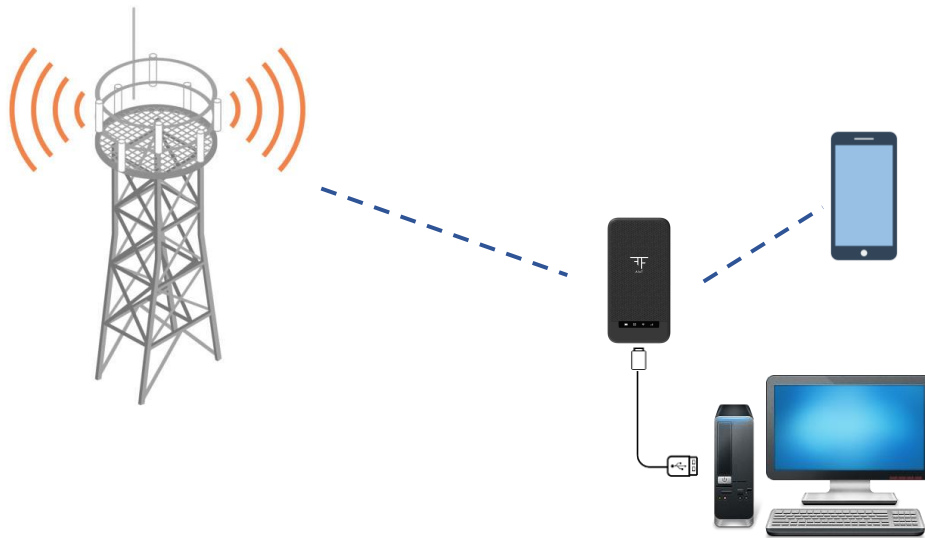
To ensure the device is assigned an IP address, set the user terminal's network configuration to "Obtain an IP address automatically."

# Chapter 3 Network & Connectivity

## 3.1 Network Connection Methods

This product works on 5G(NR/NSA)/4G(LTE)/3G(WCDMA) networks and can be connected to the internet via Wi-Fi or Type-C data port.

(The schematic is for reference only, please connect the hardware according to your needs)



## Note

1. Do not install the SIM card while the device is powered on.
2. Operating temperature: **0–45°C**. Do not use the device outside this range.
3. When using a power adapter, ensure it supports the **PD protocol** and meets applicable safety standards.

## Charging

- **Fast charging:** Use a PD-compatible charger to enable fast charging. The battery indicator blinks rapidly during fast charge mode.
- **Normal charging:** Using a standard USB charger charges at normal speed. The battery indicator blinks slowly.

## High-Temperature Protection

- To protect the battery, the device activates high-temperature protection. Charging voltage is limited when battery temperature exceeds 45°C, and charging stops immediately above 55°C.
- If battery temperature exceeds 60°C, the device temporarily disables Wi-Fi and disconnects mobile networks (Wi-Fi and signal indicators turn off), preventing terminal devices from connecting to the internet.
- Once battery temperature returns to normal, charging and network functions resume automatically.

## Device Status Indicators

- Press the power button briefly: indicator lights on = device is on; indicator lights off = device is off.
- Double-press the power button: Wi-Fi dual-band indicator switches, changing the Wi-Fi frequency.
- Press and hold the power button for 3 seconds to turn on: all indicators light for 1 second.
- Press and hold the power button for 3 seconds to turn off: all indicators except the signal light blink 3 times.

### **Automatic Shutdown Charging Mode**

- If the device is powered on and connected to a charger, but no terminal connects within 30 minutes (i.e., no devices connected to Wi-Fi or minimal traffic), it will automatically enter shutdown charging mode.
- In shutdown charging mode, long-press the power button for 3 seconds to turn the device on.
- Removing the charger in shutdown charging mode will power off the device automatically.
- When connected to a computer via USB (with the computer awake), the device will not enter shutdown charging mode automatically.