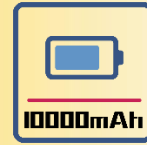


# FFAIoT

## 5G MIFI

### MF100



## Introduction

**MF100** is a high-performance wireless communication device developed by **FFAIoT** to meet the demands of 5G/4G networks. It is primarily used for data transmission, equipment monitoring, and wireless routing. The **MF100** features a high-performance processor capable of handling complex protocols and large volumes of data at high speed. It provides wireless connectivity by accessing 4G/5G base stations and supports Wi-Fi standards including 802.11a/b/g/n/ac/ax for reliable and flexible wireless access.

## Product Specification

### Cellular Specification

Product	MF100
Items	Contents
Frequency Band	<p><b>5G NR :</b> N1/ 3/ 5/ 7/ 8/ 20/ 28/ 38/ 40/ 41/ 75/ 76/ 77/ 78</p> <p><b>LTE-FDD:</b> B1/ 3/ 5/ 7/ 8/ 20/ 28/ 32</p> <p><b>LTE-TDD:</b> B38/ 40/ 41/ 42/ 43</p> <p><b>WCDMA :</b> B1/ 5/ 8</p> <p><b>Remarks: Different modules support different network standards</b></p>
Theoretical Maximum Bandwidth	<p><b>NR_SA:</b> 2.4Gbps (DL)/1Gbps (UL)</p> <p><b>NR_NSA:</b> 3.4Gbps(DL)/600Mbps(UL)</p> <p><b>LTE:</b> 1.6Gbps (DL)/200Mbps (UL)</p> <p><b>UMTS:</b> 42Mbps (DL)/5.76Mbps (UL)</p>

# 5G MIFI

# MF100



Hardware	
Product	MF100
Items	Contents
Chipset	Qualcomm SDX62 Wi-Fi: WCN6856
ROM	8GB
RAM	8GB
WIFI Specification	
Items	Contents
Frequency	2.4GHz+5GHz
WIFI Output Power	16dBm/2.4G
	15dBm/5G
	14dBm/6G
WIFI Channel Bandwidth	2.4G:20MHz/40MHz 5G: 20MHz/40MHz/80MHz/160MHz 6G: 20MHz/40MHz/80MHz/160MHz
Peak Throughput	AX3000
Power Supply	
Items	Contents
Standard Power Supply	Support PD3.0/BC1.2 charger with fast charging protocol
Fast Charging Power	18W
Power Consumption	<10W
Interfaces	
Items	Contents
Buttons	1.Power ON/OFF Button
	2.Reset Key
Indicator	1.Signal strength indicator
	2.Wi-Fi
	3.Battery level indicator
	4.Message
SIM Card	1.SIM(4FF) Support 1.8V& 3.0V
	2.ESIM
Interfaces	1*TYPE-C 1* SIM Slot

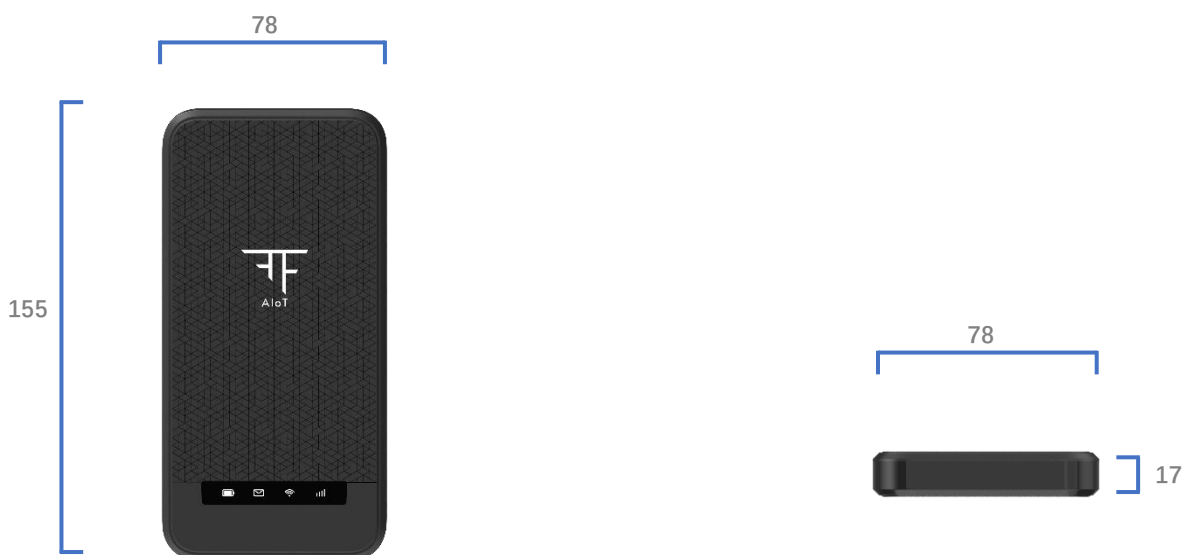
# 5G MIFI

# MF100



Physical Properties	
Items	Contents
Dimensions	155*78*17mm
Weight	400g
Battery	Rechargeable lithium battery Capacity: 3.7V/10000mAh Maximum working hours: (≥17H, depending on the network) Maximum standby hours: (≥144H, depending on the network)
Operating Temperature	0°C~45°C
Storage Temperature	-20°C~70°C
Humidity	5% ~ 95%

## Dimension (mm)



## Order Information

Models	Description
MF100	Cellular (5G NR), 2.4G/5G WIFI, SIM*1