

5G RedCap M06 MiFi Specification

Description		Specification
Appearance	ID Model	
	Dimensions	L (125mm) *W(65mm)*T (16.5mm)
	Appearance Finish	Raw Plastic + Printing
	Weight	TBD
	Language	Chinese /English
Platform		
IC Platform	Modem Chipset	Balong5612
	Wi-Fi Chipset	AIC8800D40L
Memory	RAM/ROM	1Gbit+1Gbit
Basic Features		
Technical	UE Category	3GPP Rel. 17 with 5G Reduced Capability (RedCap) Support 5G NR & 4G LTE Bandwidth FR1: 20MHz, TDD, FDD
	Peak Rate	NR: DL 226Mbps / UL 120Mbps LTE: DL 150Mbps / UL 50Mbps
	Frequency Band	5G: n1/5/8/28/41/78 LTE: B1/3/5/8/34/39/40/41
	Antenna	2RX/1TX Main Antenna:Internal DIV Antenna:Internal
WLAN Features		
Standards	Fully support protocol: 2.4G/5G双频单发 2.4GHz IEEE 802.11 b/g/n/ax 5GHz IEEE 802.11 a/n/ac/ax Up to 286.8Mbps	
WiFi Antenna	1*1	Support
WiFi Capability	2.4G/5G	Support 2.4GHz or 5GHz
Encryption/Decryption	TKIP/AES/SAE	Support
Mobile Hotspot	10	Support
External Interface Definition		
External Hardware Interface	USB Port	USB Type C port, USB2.0
	SIM Card	2* Nano SIM Slot + 2*M2M or eSIM
	Antenna port	Internal Antenna
Key	Power ON/OFF Key	Support
	Menu Key	Support
	Confirm Key	Support
	Reset Key	Support
Display		
LCD	2.4inch LCD	 5G/LTE Signal ,Network mode, UL/DL Network status, Carrier logo, Battery Power level&charging status, Network Rate,Wifi status, Connected user number, SMS,

Battery Definition		
Battery Parameters	BatteryType	Li-ion Battery,Removable&Rechargeable,
	Nominal Voltage	3.8V
	Rated Capacity	3500/4000mAh
Charger		
Charger	1.5A, support JEITA	
Enviromental Specification:		
Reliability	Operation Temperature	0 to 40℃
	Operation Humidity	0% to 90%
	Storage Temperature(1Month)	-20 to 60℃
	Storage Humidity(168H)	5% to 95%
ESD	Contact Discharge	+/-6KV
	Air Discharge	+/-8KV
Software Definition		
USB	Virtual Ethernet driver auto-config on USB connection-RNDIS	Support
SIM card Management	PIN/PUK	Support
SMS	SMS	Support
WiFi Security	WPA/WPA2/WAP3-Personal	Support
Wireless Network Protocol (5G NR/LTE)	Automatic(default)Network Mode	Support,Priority(5G>4G)
	Automatic Network Search	Support
	Roaming	Support
WiFi Setting	Broadcast and Hide of SSID	Support
	Setting Bandwidth of Wi-Fi	Support
	Wi-Fi Channel Setting, Automatic(default) &Manual Mode	Support
	SSID Setting(name/ssid password/security)	Support
Web UI	System	Connection status function
		Data statistics function
		Device management function
	language	Chinese/English
	Mobile service function	Supports APN configuration
		Automatic data connection function
		Network mode selection(4G/5G/Auto)
	Routing function	SSID
WPA2(AES) -PSK/, WPA-PSK/WPA2-PSK		
IPv4/v6		
APN management		
Operating system support	Windows	7/8/XP/10/11
	MAC OS	10.10+
	Linux	Ubuntu 15.04+
	Browser	IE9+, Firefox, Google Chrome, Safari, Opera
GUI	Support	
SW Update	Local Update	USB firmware upgrade
	FOTA	Browser firmware upgrade
Backup and Restore	Can restore by WebUI	Remote firmware upgrade
	Support	
Certification		
Certification	CCC	Support
	SRRC	Support
	NAL入网认证	Support
	RoHS	Support
	Others	As required
Packaging		
Packaging	Model Device	1
	Battery	1*3500mAh Li-ion Battery, Removable
	USB Cable	1*USB2.0 cable, (A2C, L=30mm)
	Giftbox	1
	User Manual/User Guide	1