Shenzhen Huachuangyilian Electronics Co.,Ltd.

4G Router With Battery Backup

Model: HC-CPF903

Simple Introduction

The HC-CPF903 use MTK solution, one 10/100Mbps WAN/LAN port, one USB port accept powering in, one SIM card slot, 2.4G Wifi rate up to 150mbps, with LCD screen to shows operation information, support WAN to LAN and wifi, 4G to LAN and Wifi, 3000mAh battery as optional.

Product Feature

- Support 802.11n/b/g network protocol, the max transmission rate could be 2.4G 150Mbps
- Support 802.11.3/802.3U protocol, 1* 10/100Mbps Auto MDI/MDIX WAN/LAN Port
- 4 external antennas, 2pcs wifi antennas, 2pcs lte antennas
- LCD screen to show different operation
- Removable 3000mAh battery as optional
- Default 1 SIM card slot, support 2 SIM card slots as optional but it is can not be common using with 3000mAh battery
- Preload English system, easy setting web

Product Datasheet

Hardware Platform	HW_VER	HC-CPF903			
	MTK Chipset	MT6735WM			
	RAM/ROM	4GByte EMMC+512MByte DDR2			
	Band	FDD LTE: B1,B3,B5,B7,B8,B20	TDD LTE: B38,B39,B40,B41	WCDMA: B1,B5,B8	GSM: 900/1800Mhz

3GPP	3GPP R9 Cat.4	3GPP R9 Cat.4	3GPP R7&R8 HSDPA Cat.24(64QAM) HSUPA Cat.7(16QAM)	3GPP2
Transfer rate	up to 150Mbps DL up to 50Mbps UL	up to 150Mbps DL up to 50Mbps UL	HSDPA up to 42.2Mbps DL HSUPA up to 11.5Mbps UL	3.1Mbps DL
Wi-Fi Chipset	MT6625L			
Wi-Fi	IEEE 802.11b/g/n			
Wi-Fi rate	up to 150Mbps			
Encryption	Wi-Fi Protected Access™ (WPA/WPA2)2			
Antenna	2pcs*2.4G Wifi antennas, 2pcs* LTE antennas			

Customization	Smart system, strong customization ability			

Display	LCD	Color display		
	LED	LED		

Port	Button	1 Power on/off button, 1 Reset button		
	SIM slot	1 SIM slot, 2 SIM slot as optional(battery and 2 sim slots can't be together)		
	USB port	USB TYPE A (5V 1A IN)		
	DC	12V 1A IN		
	RJ45	1* WAN/LAN port		
	Battery	3000mAh, 6-8hours working time	**PS. The battery does not support hot-plug**	

Internet	Wi-Fi	Wi-Fi AP，Max 10 users		
	SSID	4G-CPE-XXXX（last 4 digits of the IMEI number）		
	WIFI password	1234567890		

Operating Environment	Working temperature	-10°C to 65°C			
	Working height	Current tested max height 3000m (10,000 inches)			
	Operation system	PC Users: A PC with Windows XP (SP3), Windows Vista (SP1), Windows 7,or Windows 8 WIN10	MAC Users: A Mac with OS X v10.5.7,OS X Lion v10.7.3 or later	IPAD Uers: An iPhone, iPad, or iPod touch with iOS 5 or later	Android Uers: An mobile Phone or Tablet PC with Android 2.3 or later
	Operation Browser	Internet Explorer 8.0 ,Mozilla Firefox 40.0 ,Google Chrome 40.0 ,Safari or above			

Software Platform	System	Android 6.0
WEB	Gateway	http://192.168.199.1
	Log in	Password：admin (passord modification reqested to done at first loging as default setting Language(Chinese/English)
	Status	Connection; APN;IP; Signal Strength; Battery Capacity; Conneting time; Users
	Networks	APN confirguration: International roaming switch, APN, User name, Password, Authorization type modification, New APN, Restore defaulf APN parameters. Traffic statistics: Traffic Limitation: Afering reaching the set value, limit the speed as set.
	Wifi	WLAN configuration: SSID modifiation, encryption methods, encryption password, Maximum user number setting, support PBC-WPS WiFi connection list: check the list that connect to this device, check MAC address, IP address, hostname, forbid and recover access to internet.
	Ethernet mode	 No ethernet network · LAN mode · WAN mode(Dynamic IP) · WAN modem(PPPOE)
	System Manage	Login password management: User name, password modification System operation: Restart, Shutdown, Restore factory setting System Information: Check software version, WLAN MAC address, IMEI NO. Phonebook setting: New, modify, look up, delete contact GPS control: GPS function turn on/off
	SMS Management	SMS create, delete, send