

# 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<br>Platform | HW_VER      | HC-CPF903                      |  |  |                     |  |
|----------------------|-------------|--------------------------------|--|--|---------------------|--|
|                      | MTK Chipset | MT6735WM                       |  |  |                     |  |
|                      | RAM/ROM     | 4GByte EMMC+512MByte DDR2      |  |  |                     |  |
|                      | Rand        | FDD LTE:<br>B1,B3,B5,B7,B8,B20 |  |  | GSM:<br>900/1800Mhz |  |

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|                          | SHEHZH                 | en muacmua  | ngyman Li  | ectronics Co.,L   | tu.   |  |
|--------------------------|------------------------|---|--|---|---|--|
|                          | 3GPP                   | 3GPP R9<br>Cat.4  | 3GPP R9<br>Cat.4   | 3GPP R7&R8<br>HSDPA Cat.24(64QAM)<br>HSUPA Cat.7(16QAM)             | 3GPP2   |  |
|                          | Transfer rate          | up to 150Mbps DL<br>up to 50Mbps UL   | up to 150Mbps DL<br>up to 50Mbps UL                                    | HSDPA up to 42.2Mbps DL<br>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 Acces   | ss™ (WPA/WPA2)2  |   |   |  |
|                          | Antenna                | 2pcs*2.4G Wifi anteni   | nas, 2pcs* LTE ante  | ennas   |   |  |
| Custon                   | nization               | Smart system, strong customization ability                                    |  |   |   |  |
| Display                  | LCD                    | Color display   |  |   |   |  |
|                          | LED                    | LED   |  |   |   |  |
|                          | 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)   |  |   |   |  |
| Port                     | DC                     | 12V 1A IN   |  |   |   |  |
|                          | RJ45                   | 1* WAN/LAN port   |  |   |   |  |
|                          | Battery                | 3000mAh, 6-8hours working time PS. The battery does not support hot-plug      |  |   | support   |  |
| Internet                 | Wi-Fi                  | Wi-Fi AP, Max 10 users  |  |   |   |  |
|                          | SSID                   | 4G-CPE-XXXX(last 4 digits of the IMEI number)                                 |  |   |   |  |
|                          | WIFI<br>password       | 1234567890  |  |   |   |  |
| Operating<br>Environment | Working<br>temperature | -10°C to 65°C   |  |   |   |  |
|                          | Working<br>height      | Current tested max height 3000m (10,000 inches)                               |  |   |   |  |
|                          | system                 | XP (SP3), Windows<br>Vista (SP1),   | MAC Users:<br>A Mac with OS X<br>v10.5.7,OS X Lion<br>v10.7.3 or later | IPAD Uers:<br>An iPhone, iPad, or iPod<br>touch with iOS 5 or later | Android Uers:<br>An mobile<br>Phone or<br>Tablet PC<br>with Android<br>2.3 or later |  |
|                          | Operation<br>Browser   | Internet Explorer 8.0 ,   | Mozilla Firefox 40.0   | ,Google Chrome 40.0 ,Safa   | ri or above   |  |

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| Software<br>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 defausetting  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<br>mode  | No ethernet network   |  |  |  |  |
|                      | System<br>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<br>Management | SMS create, delete, send  |  |  |  |  |

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