Model: HT-CPE500

OPENWRT 300Mbps Wireless N 4G LTE Router

Features

- Cutting-edge 4G network – share internet access with up to 30 Wi-Fi devices and enjoy download speeds of up to 150 Mbps and Upload speed to 50Mbps

- Plug a SIM card and play – no configurations needed, compatibility of SIM cards in 100+ countries are assured by years of field tests

- Two advanced LTE antennas and Two WIFI antenna – enjoy stable and efficient connections to every device thanks to the two external antennas

- Wi-Fi router mode – plug an Ethernet cable into the LAN/WAN port for flexible access as a backup option if you can't get a 4G connection

Description

1) Support 3G, 4G LTE wireless network technology.
2) Support WCDMA, LTE TDD, LTE FDD Band.
3) Support SIM slot
4) 802.11n WiFi standard
5) 1* WAN port, 4* LAN ports
6) Support up to 30 users
7) 300Mbps WiFi

Spefication

Router hardware

Chipset	MT7628NN
Power input port	DC 12V---1A
WAN Port	1 x RJ45(10BaseT/100BaseTX with Auto-MDIX IEEE 802.3/802.3u)
LAN Port	4 x RJ45(10BaseT/100BaseTX with Auto-MDIX IEEE 802.3/802.3u)
WPS/Reset Buttons	Buttons: WPS ,Long press: reset(Used to restore the factory configuration of the router.)
Power button	Router's power switch (not required)
LED indication	1,power supply 2,WIFI Indication 3,3/4G:green light indicates 3G, 4G status 4,WAN Interfaces; 5,LAN1; 6,LAN2; 7,LAN3 8.LAN4
Storage	SDRAM: 64MB Nor Flash: 8MB
Wireless parameters	
WIFI Frequency range	FCC: 2412-2462MHz(Ch1-Ch11) ETSI: 2412-2472MHz(Ch1-Ch13)
Mobile network frequency	FDD: B1 B3 B5 B7 B8 B20 B28 TDD: B38 B39 B40 B41 WCDMA: B1 B8
Transmission rate	11n:270/243/216/162/108/81/54/27Mbps 135/121.5/108/81/54/40.5/27/13.5Mbps 130/117/104/78/52/39/26/13Mbps 65/58.5/52/39/26/19.5/13/6.5Mbps 11g:54/48/36/24/18/12/9/6M(Adaptive) 11b:11/5.5/2/1M(Adaptive)
Number of working channels	13
Spread Spectrum Technology	DSSS(Direct Sequence Spread Spectrum)
Data modulation method	BPSK, QPSK, CCK and OFDM (BPSK/QPSK/16-QAM/ 64-QAM)
Sensitivity @PER (error packet rate)	270M:-61dBm@10% PER;130M: -61dBm@10% PER;108M:-61dBm@10% PER;54M:-65dBm@10% PER;11M:-85dBm@8% PER;6M:-88dBm@10% PER;1M:-90dBm@8% PER
Transmission distance	Up to 50 meters in the room and up to 200 meters in the outdoors (depending on the environment)
RF Power	11n : 15±dBm; 11g : 17±1dBm; 11b : 19±1dBm(Typical value)
LTE related hardware	
SIM Card Slot	Rear flip SIM card Slot
Antennas	External 4 antenna, corresponding to 4G main antenna, wifi dual antenna
Router software features	
IP Address	Static or dynamic

PPP over Ethernet	YES
The maximum number of users	32 (Simultaneous Internet access)
Routing Protocol	Static route, RIP1/RIP2
Configuration & Management	Based on WEB interface management (HTTP)
DHCP	Support Server and Client
Firewall protection	Built-in NAT firewall