



# GLOBAL EAST ASIA TECHNOLOGY CO.,LIMITED

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## OPENWRT 300Mbps Wireless N 4G LTE Router HT-CPE303



### 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

Add: Room826, Floor 8,BLDG 13, University Science Park(East), Zhengzhou City, P.R.Henan, China.  
Tel: 86-371-60911368 Email:info@global-antenna.com  
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- 1) Support 4G LTE wireless network technology.
- 2) Support LTE TDD, LTE FDD Band.
- 3) Support SIM slot
- 4) 802.11n WiFi standard
- 5) 1\* WAN port, 2\* LAN ports
- 6) Support up to 30 users
- 7) 300Mbps WiFi

## Specification

Router hardware	
<b>Chipset</b>	MT7628NN
<b>Power input port</b>	DC 12V---1A
<b>WAN Port</b>	1 x RJ45(10BaseT/100BaseTX with Auto-MDIX IEEE 802.3/802.3u)
<b>LAN Port</b>	2 x RJ45(10BaseT/100BaseTX with Auto-MDIX IEEE 802.3/802.3u)
<b>WPS/Reset Buttons</b>	Buttons: WPS ,Long press: reset(Used to restore the factory configuration of the router.)
<b>Power button</b>	Router's power switch (not required)
<b>LED indication</b>	1,power supply 2.System status 3,WIFI Indication 4,4G:Blue light indicates 4G status 5,WAN Interfaces; 6,LAN1; 7,LAN2;
<b>Storage</b>	SDRAM: 64MB Nor Flash: 8MB
Wireless parameters	
<b>WIFI Frequency range</b>	FCC: 2412-2462MHz(Ch1-Ch11) ETSI: 2412-2472MHz(Ch1-Ch13)
<b>Mobile network frequency</b>	FDD: B1 B3 B5 B8 TDD: B34 B38 B39 B40 B41 WCDMA: B1 B8
<b>Transmission rate</b>	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)
<b>Number of working channels</b>	13

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<b>Spread Spectrum Technology</b>	DSSS(Direct Sequence Spread Spectrum)
<b>Data modulation method</b>	BPSK, QPSK, CCK and OFDM (BPSK/QPSK/16-QAM/64-QAM)
<b>Sensitivity @PER (error packet rate)</b>	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
<b>Transmission distance</b>	Up to 50 meters in the room and up to 200 meters in the outdoors (depending on the environment)
<b>RF Power</b>	11n : 15±dBm; 11g : 17±1dBm; 11b : 19±1dBm(Typical value)
<b>LTE related hardware</b>	
<b>SIM Card Slot</b>	Rear flip SIM card Slot
<b>Antennas</b>	External 4 antenna, corresponding to 4G main antenna, wifi dual antenna
<b>Router software features</b>	
<b>IP Address</b>	Static or dynamic
<b>PPP over Ethernet</b>	YES
<b>The maximum number of users</b>	32 (Simultaneous Internet access)
<b>Routing Protocol</b>	Static route, RIP1/RIP2
<b>Configuration &amp; Management</b>	Based on WEB interface management (HTTP)
<b>DHCP</b>	Support Server and Client
<b>Firewall protection</b>	Built-in NAT firewall

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