

**LTE200**

# 4G-LTE/300Mbps Wireless Router

The LTE200 4G-LTE Wireless N Router is a combined wired/wireless network connection device designed to be the primary Internet access for various applications, such as small business/home offices, kiosks, SDWAN gateways, IoT devices, fax connectivity, and alarm systems – anywhere Internet access is needed.



## GENERAL SPECIFICATIONS

### Supported Frequency Bands

Supported standards: (3GPP Release 11)

LTE FDD: Band 2/4/5/12/13/14/66/71

WCDMA: Band 2/4/5

CAT4:

DL data rate 150Mbps/s

UL data rate 50Mbps/s

### Wireless Module

Auto/manually network search

SIM/BAND/Cell/PLMN Lock

### LTE Antennas

External 2\*2 LTE antennas

Gain:  $\geq 3$  dBi

VSWR:  $< 3.5$

Efficiency:  $\geq 4$  dB@700 MHz~960 MHz

$\geq 3.5$  dB@1710 MHz~2690 MHz

### Wi-Fi Antennas

Internal 2.4GHz antennas

2.4GHz gain:  $\geq 3$  dBi

2.4GHz VSWR:  $< 2$

2.4GHz efficiency:  $\geq 3$  dB

### Network Protocols and Features

Connection modes: PPPoE/DHCP/Static

IPv4, IPv6, IPv4/IPv6

DHCP v4/v6 server

Static (v4/v6) routing and RIP-1/2

NAT/ALG/DMZ/virtual server

ARP/ICMP/DNS proxy

Dynamic Domain Name System (DDNS)

IGMP snooping and IGMP proxy

MLD snooping and MLD proxy

SNTP

VLAN

### Firewall

Built-in NAT firewall

Firewall level setting

Defense of DoS, ARP attacks/Port scan

DHCP/ARP/IGMP message suppression

MAC/URL filtering

Inflow/outflow filtering of IP/Protocol/Port

### Quality of Service Control

802.11e WMM

### Wireless LAN

Support 802.11 b/g/n standard

2.4GHz frequency range

20/40 MHz bandwidth

Channel adaption

MSSID (4) +Guest network

Wireless power saving: adaptable power control

WPS: PBC/PIN modes

WEP/WPA-PSK/WPA2-PSK security

SSID and WAN binding

MSSID online list

### VoIP

SIP/IMS SIP protocol

Call forwarding

Number hiding

Conference

Call waiting and call holding

Digital map

### SMS

Short message sending and receiving

Support extra-long message

### Management

Web UI local management

TR069 remote management

Universal Plug and Play (UPnP)

Online and local software update/rollback

Local and remote diagnostic

### Hardware Specification Physical Interface

WAN/LAN ports-RJ45 1GE

Phone ports-RJ11 1FXS

SIM slot

Power port

### Button

Wi-Fi Button

WPS Button

Reset Button

### LED indicators

Phone indicator

WPS indicator

2.4GHz Wi-Fi indicator

LAN indicator

Internet indicator

System indicator

LTE indicator

Power indicator

### Physical specification (without antennas)

Dimensions: L112mm x H172mm x W45mm

Power consumption:  $< 9$ W

Weight: about 218.3g

### Temperature Requirements

Operating:  $-10^{\circ}\text{C} \sim 55^{\circ}\text{C}$

Storage:  $-40^{\circ}\text{C} \sim 70^{\circ}\text{C}$

Humidity: 0%~95%