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LR1200GB

4G+ Cat6
AC1200 Wireless Dual Band
Gigabit Router

4G LTE | 4G antennas | 300Mbps+867Mbps | SIM Card Slot | Max 64 Users

Overview

4G+ Cat6
AC1200 Wireless Dual Band Gigabit Router

Model No. LR1200GB

The LR1200GB is a wireless dual-band 4G LTE router that complies with the most advanced 802.11ac standards and offers WiFi speeds up to 1167Mbps. Convenient 4G network access, while share your 4G LTE network with multiple Wi-Fi devices ,that all Wi-Fi devices instantly enter 4G era and enjoy exclusive 4G Wi-Fi.

Features

- Complies the IEEE 802.11ac/a/b/g/n standards.
- Supports 4G+ Cat6 to boost the data speeds of up to 300Mbps.
- Creates a simultaneous dual band Wi-Fi network ,with maximum speeds of up to 300Mbps on the 2.4GHz band and 867Mbps on the 5GHz band.
- MU-MIMO supported – simultaneous data streams increase WiFi throughput and network efficiency.
- 4 high-gain antennas, WiFi signal is stronger, 4G signal is better.
- Full gigabit ports offer larger capability for data forwarding via cable connection.
- Supports the LTE-FDD,LTE-TDD,WCDMA,GSM network type.
- Requires no configuration ,just insert a SIM card and turn it on to enjoy a fast wireless connection.
- Provides 64/128-bit WEP, WPA, WPA2 and WPA/WPA2 encryptions.
- Supports IP, MAC, URL filtering , Port Forwarding and DMZ
- Supports high standard of 8KV/15KV ESD protection.
- With built-in 4G SIM card slot, allowed to share 4G Wi-Fi with your simply by plugging one 4G SIM car.

Selling point

Superfast 4G+ LTE Speed & Simultaneous Dual Band WI-FI

Supports the 4G+ Cat6, which used Carrier Aggregation technology, download speed up to 300Mbps and upload speed up to 50Mbps.

Supports to share the Internet with up to 867Mbps on 5GHz and 300Mbps on 2.4GHz.

Plug and play, Easy access

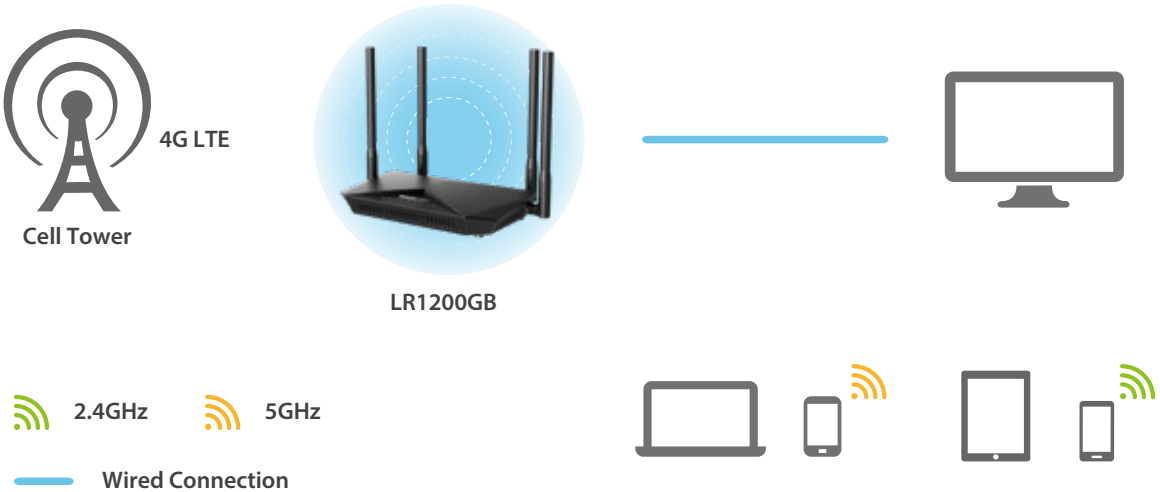
Two internet access modes are interchangeable to adapt to various environments

1.Use SIM card, connect to the Internet wirelessly.

2. Use RJ45 cable, access to the Internet via cable connection.

Flexibility WAN network connect design

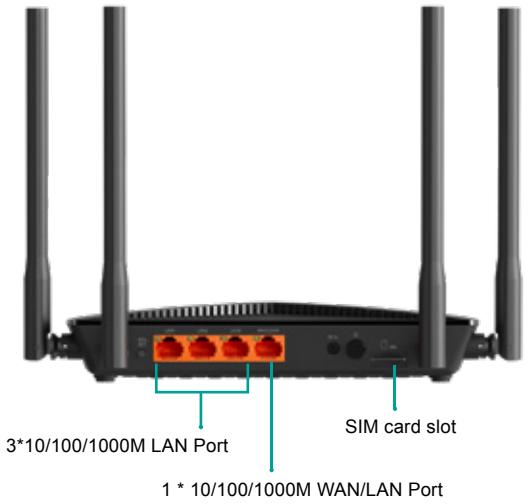
While supporting 4G network connection, LR1200GB adds WAN network connection design to fully meet different connection types, including cables.



Specification

Hardware

Interface	- 1 * 10/100/1000M WAN/LAN Port - 3 * 10/100/1000M LAN Port - 1 * Standard SIM card slot
Power Supply	- 12 VDC / 1A
Button	- 1 *RESET Button
LED Indicator	- 1 * LTE，1 * WIFI，1* WAN，3 * LAN，1 * Power
Antenna	- 2 * 5dBi internal antennas (2.4G), - 1 * WAN/LAN, 3 * LAN
Dimensions (L x W x H)	- 2 * 5dBi detachable antennas (4G LTE) - 195.5*126.9*28.6(mm)



Wireless

Standards	- IEEE 802.11ac, IEEE 802.11a, IEEE 802.11b, IEEE 802.11g, IEEE 802.11n
RF Frequency	- 2.4GHz/5GHz
Data Rate	- 2.4GHz: Up to 300Mbps - 5GHz: Up to 867Mbps
EIRP	- 2.4GHz < 20dBm
Wireless Security	- 64/128-bit WEP, WPA and WPA2
Reception Sensitivity	- 2.4G:11b 11M： -81dBm@8% PER 11g 54M： -68dBm@10% PER 11n HT20 MCS7： -65dBm@10% PER HT40 MCS7： -62dBm@10% PER - 5G: 11a 54M： -68dBm@10% PER 11n HT20 MCS7： -65dBm@10% PER HT40 MCS7： -62dBm@10% PER 11ac VHT80 MCS9： -51dBm@10% PER

Specification

LTE Mode

LTE chip (miniPCIE, optional, customizable)	- Qualcomm
LTE Network Type and Band (1)	- FDD: B1/B3/B5/B7/B8/B20/B28/B32 - TDD: B38/B40/B41 - WCDMA: B1/B3/B5/B8

Software

Home State	- WAN information, LAN information, System information
WAN Type	- Static IP, DHCP, PPPoE, 4G
Wireless Functions	- Multiple SSIDs, MAC Authentication, WPS
Firewall	- MAC Filtering, IP/Port Filtering, URL Filtering, DMZ
Management	- Password, System Config, Time Setup, Firmware update, System Log
Device capacity	- 2.4G: Max 64 users - 5G: Max 64 users

Others

Package Contents	- LR1200GB Wireless Router * 1 - Power Adapter * 1 - Ethernet Cable * 1 - SIM Adapter (Nona, Micro) - Quick Installation Guide * 1
Environment	- Operating Temperature: 0℃~50 ℃ (32 ℉~122 ℉) - Storage Temperature: -40℃~70 ℃ (-40 ℉~158 ℉) - Operating Humidity: 10%~90% non-condensing - Storage Humidity: 5%~90% non-condensing

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