



## OVERVIEW

**RL212** is an 11ax standard dual band indoor 4G/LTE wireless router. Comply with IEEE 802.11ax/ac/b/g/n 2x2 MIMO standard, the data rate up to 1200Mbps, more than **30** end users can access into it with SIM card slot, build in LTE module. It supports FDD-LTE/TDD-LTE for worldwide use CAT12 with **600Mbps** Download and **150Mbps** Upload speeds. Device has **2\*10/100/1000Mbps** LAN ethernet ports and **1\*10/100/1000Mbps WAN** Ethernet port.

## MAIN FEATURES

- Comply with IEEE 802.11b/g/n/ac/ax Standard, 2.4GHz and 5.8GHZ frequency, the data rate is 1200Mbps for faster Wi-Fi speed.
- Build in 4/LTEG SIM card slot, support LTE-TDD/LTE-FDD, WCDMA/CDMA and GSM networking. The band is adjustable, can comply with all operator in the world.
- High RF power design, with 2x2 MIMO 2.4G/5.8G antenna, more wireless coverage, better signal strength and more stable performance.
- It supports VPN (L2TP, PPTP), meet with industrial applications such as chain stores, ATM...
- Firmware support cloud remote configure and management, hardware with watchdog function, device can auto-reboot and auto-recovery if have problems, no extra maintenance fee.



1200 Mbps



High Speed Internet



4G Network



Multiple RJ45 Ports



Different Band Available

**TECHNICAL SPECIFICATION**

<b>Part Number</b>	<b>RL212</b>		
<b>WWAN</b>	<b>Platform</b>	Qualcomm SDX12	
	<b>Frequency</b>	<b>LTE</b>	LTE FDD: B1/B3/B5/B7/B8/B20/B28/B32 LTE TDD: B38/B40/B41(120M)/B42/B43/B48
		<b>CA Combinations</b>	<u>3CA(DL):</u> 1A-3A-5A/7A/8A/20A/28A/32A/38A/40A/41A/42A; 1A-5A-7A; 1A-7A-7A/8A/20A/28A; 1A-20A-32A; 1A-41A-42A; 1A-1A-28A; 1A-7C/41C/42C; 3A-3A-7A/20A; 3A-5A-7A; 3A-7A-7A/8A/20A/28A; 3A-5A-7A; 3A-3A-8A; 3A-8A-38A; 3A-28A-40A; 3A-7C/40C/41C/42C; 3A-7B; 7A-7A-8A; 7A-20A-32A; 28A-40C; 41A-41C/42C; 3C-5A/7A/8A/20A/28A/41A; 7B-28A; 7C-8A/20A; 7C-28A; 41C-42A; 40D; 41D <u>2CA(DL):</u> 1A-1A/3A/5A/7A/8A/20A/28A/32A/38A/40A/41A/42A; 3A-3A/5A/7A/8A/20A/28A/32A/38A/40A/41A/42A; 5A-7A; 7A-7A/8A/20A/28A/32A;20A-32A; 28A-40A; 40A-40A; 41A-41A/42A;1C;3C;5B;7C;38C;40C;41C;42C <u>2CA(UL):</u> 1A-3A/5A/7A/8A,3A-5A/7A/8A/20A/28A; 3C;5B;7C;38C;40C;41C;42C
		<b>UMTS</b>	B1/B3/B5/B8
	<b>Antenna</b>	<b>Built in</b>	DL 4*4 MIMO (B1/B3/B7/B38/B40/B41/B42)
	<b>Power Class</b>	<b>LTE FDD</b>	Power Class 3 (23 ± 2dBm)
		<b>UMTS</b>	Power Class 3 (23.5dBm ± 2dBm)
	<b>Data Rate</b>	<b>LTE</b>	3GPP R12 LTE Cat12, Downlink/Uplink: 600Mbps/150Mbps
		<b>WCDMA</b>	3GPP R9, Downlink/Uplink: 42Mbps/5.76Mbps
	<b>WLAN</b>	<b>Wi-Fi</b>	<b>Chipset</b>
<b>Frequency</b>			Dual-band, 2.4GHz & 5GHz
<b>Protocol</b>			802.11 a/b/g/n/ac/ax , 2*2 MIMO
<b>Antenna</b>			2.4GHz Built-in 2*2MIMO 5GHz Built-in 2*2 MIMO
<b>Clients</b>			32
<b>Data Rate</b>		<b>802.11b</b>	Up to 11 Mbps
		<b>802.11g</b>	Up to 54 Mbps
		<b>802.11n</b>	Up to 300 Mbps
		<b>802.11ac</b>	Up to 867 Mbps
		<b>802.11ax</b>	Up to 1201Mbps (80MHz)

<b>Hardware</b>	<b>Interface</b>	<b>LAN/WAN</b>	3* Giga Ports: 1xWAN+2xLANs
		<b>USIM</b>	Single, 4FF Nano SIM
		<b>DC Jack</b>	12V/2A
	<b>LED</b>	<b>Network</b>	4G/3G Network Status LED *1
		<b>Wi-Fi</b>	1 LEDs for LAN/WAN Indicator (Single: Green *1)
	<b>Button</b>	<b>WPS</b>	Enable/Disable WPS
<b>Reset</b>		Restore to Factory Settings	
<b>Software</b>	<b>Management</b>	WebUI- Management	
		TR069 Remote Management	
		Mobile APP Management (Optional)	
	<b>Network Setting</b>	APN Management	
		Network Select	
		Statistics	
	<b>Gateway</b>	DHCP Server	
		Dynamic/Static IP	
		ARP	
		ICMP	
		LAN IP	
		IPv4/v6 Dual stack	
		Routing	
	<b>Security</b>	Firewall Switch	
		MAC ACL	
		IP address Filtering	
		VPN passthrough, L2TP, PPTP	
		DMZ	
		SIP ALG	
		uPnP	
		NAT	
	<b>Wi-Fi</b>	DNS	
		SSID Broadcast and Hiding	
		WPS	
		Encryption: WEP, AES, TKIP+AES	
		OPEN, WEP, WPA/WPA2-PSK	
	MAC Filter		

Software	OS	Windows 7, Windows 8.1, Windows 10 or higher
		MAC OS X 10.14 or higher
	Browser	IE9+, Edge, Firefox, Google Chrome, Safari etc.
Environment	Operating Temperature	0°C to 45°C
	Storage Temperature	-20°C to 60°C
	Operation Humidity	10%~90% non-condensing
	Storage Humidity	5%~90% non-condensing

## ORDERING INFORMATION

Model	Description
RL212	LTE Cat12 1200M Wireless Router

## PACKAGE CONTENT

QTY	UNIT	CONTENT
1	SET	LTE Cat12 1200M Wireless Router
1	PC	Lan Cable
1	PC	DC Adapter
1	PC	User Guide
1	PC	Warranty Card

## Application Scenarios

With the demand of smart device, 4G routers are widely used in various commercial and industrial sites.

