

## Datasheet

# AC1200 Dual Band Wi-Fi 5 GPON Router

WI-GP1412



## Features

### Ultra-fast GPON Port

Coming with ITU-T G.984/G.988 GPON standards, WI-GP1412 can reach maximum data rate of 2.488Gbps DL and 1.244Gbps UL.

### Excellent Wi-Fi Speed and Stable performance with MU-MIMO technology

Coming with 802.11ac and MU-MIMO technology, WI-GP1412 delivers combined Wi-Fi speed of up to 1200Mbps and ensures multiple terminals online at the same time even in the congested network environment.

### Gigabit Ethernet Port

With four Gigabit Ethernet ports, WI-GP1412 provides fast and stable connection to the wired device such as PC, IPTV, game consoles and more.

### Better Wi-Fi Coverage with Beamforming Technology

With Beamforming technology, WI-GP1412 shapes a directional WiFi signal aimed at a WiFi client based on the client's location, improving Wi-Fi Coverage and network performance.

### Supports VOIP Calls

By connecting the telephone to the RJ11 port, enjoys phone calls over the Internet.

### Easy Remote Management

With TR069 remote management, WI-GP1412 reduces on-site support needs by performing remote operations, which improves management efficiency and lowers maintenance costs.

# Specifications



Model	WI-GP1412
Hardware Features	
Hardware Version	V1.0
Chipset	RTL9607C-VB+RTL8812FR+RTL8192FR+SI32280
CPU frequency	Dual core 1GHz
Memory	256MB DDR
Flash	128MB nand
Interface	1 x SC/APC GPON Port 4 x RJ45 10M/100M/1000M LAN Ports 1 x WPS button 1 x reset button 1 x Power jack 1 x Power switch 2 x RJ11 Phone jacks
Power Supply	12V/1A
Wireless Features	
Standards	IEEE 802.11a/b/g/n/ac
Frequency	2.4G: 2.4~2.4835GHz 5G: 5.150GHz~5.825GHZ *Please follow national regulations to select the appropriate frequency.
Data Rates	2.4GHz: up to 300Mbps 5GHz: up to 867Mbps
MIMO	2.4GHz: 2x2 MIMO 5GHz: 2x2 MIMO
Antenna	2.4GHz: 2 x 5dBi External antennas 5GHz: 2 x 5dBi External antennas
Modulation scheme	OFDM – BPSK, QPSK, 16–QAM, 64–QAM, 256–QAM
	DSSS – DBPSK, DQPSK, CCK

Model	WI-GP1412
Transfer Rate	<p>HT20: up to 144 Mbps</p> <p>HT40: up to 300 Mbps</p> <p>VHT80: up to 867Mbps</p>
Software Features	
General Protocols	<p><b>Wireless main Protocols:</b></p> <p>IEEE 802.11a</p> <p>IEEE 802.11b</p> <p>IEEE 802.11g</p> <p>IEEE 802.11n</p> <p>IEEE 802.11ac</p> <p><b>Network main Protocols:</b></p> <p>RFC 826 – ARP</p> <p>RFC 4638 support – automatic MTU/MRU negotiation in PPPoE</p> <p>RFC 1305 – NTP and/or RFC 4330 – SNTP</p> <p>RFC 791 – ICMP</p> <p>RFC 1305 – NTP and/or RFC 4330 – SNTP</p> <p>RFC0791 IP</p> <p>RFC0792 ICMP</p> <p>RFC0793 TCP</p> <p>RFC0826 Ethernet ARP</p> <p>RFC0894 IP over Ethernet</p> <p>RFC0922 Broadcasting Internet Datagrams</p> <p>RFC0950 Internet Standard Subnetting</p> <p>IEEE802.3 Ethertype</p> <p>IEEE802.1p</p> <p>RFC2516 PPP Over Ethernet (PPPoE)</p> <p>RFC1662 PPP in HDLC-like Framing</p> <p>RFC1332 PPP Internet Protocol Control Protocol</p> <p>RFC1042 A standard for the Transmission of IP Datagrams over IEEE 802 Networks</p> <p>IPoE (a.k.a IP over Ethernet over AAL5)</p>

Model	WI-GP1412
Network Features	DHCP server、client NAT, NAPT and ALG DMZ and Port forwarding(Virtual server) PPTP、L2TP VPN、IPSEC VPN IGMP proxy and MLD for IPTV
Wireless Features	Embedded AP with 4 SSIDs on each Radio Separate authentication for each SSID Wmm AutoChannel BSD WPA3/SAE Security
Other Features	Flexible and secure SPI Firewall, Denial of Service (DoS) protection Port filtering、IP filtering and MAC filtering URL filter QOS Flow Control DDNS IPV6 Static route SNTP Date/time update from Internet Time Server
Management	WEB GUI TR-069 remote management
Environment Requirement	
Operating Temperature	0°C~48°C
Storage Temperature	-30°C~70°C
Operating Humidity	5%~95% (typical)
EMC/Safety	
Regulation Compliance	CE
Safety Regulations	UL
Green Standard	RoHS



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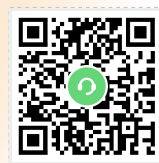
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Technical Support



Cloud Management



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