



**FR-WR30210ACUHP-D**  
**AC1300 Wireless Wave2 High Power Dual Band Gigabit PoE Router**

**Main Features**

- 2.4G&5G Dual Band 1.3Gpbs High Power Wireless Router
- Support ceiling type installation design
- Support IEEE802.3at POE power supply function
- Built-in 2.4G、5G high power wireless signal amplifier, meet the remote transmission and large area coverage
- Support Wave 2
- Supports remote Web management and software upgrades

**Description**

The FR-WR30210ACUHP-D High Power Wireless Router is based on 802.11ac standard, providing up to 1.3Gbps wireless data transmission rate. Built-in high power wireless signal amplifier. Support Wave 2, providing remote transmission and full coverage and have strong signal penetration, the ceiling type installation design, can provide the wireless rate up to 1.3Gbps which is three times than the general WiFi. Dual band concurrency technology to avoid interference. Both have power amplifier so can provide faster download speeds, more smooth video enjoy and online gaming experience to end users. Integrated router, Wi-Fi access point, 2 ports gigabit switch and fire wall functions in one. Provide convenient and comprehensive network management functions, supports URL filtering, MAC address filtering and the QoS bandwidth control function, can effectively allocate the client's download rate. Supports wireless data encryption, and can guarantee the security of data transmission in wireless network.

**Application topology**



Wireless  
5 Ghz/AC



Wireless  
2,4 Ghz



## Features

- >Two 10/100/1000M LAN ports & one 10/100/1000M WAN port;
- >Support IEEE802.3at PoE power supply function;
- >Support ceiling type installation design;
- >Support 2.4/5G dual-band complicating so fast and more clients can access in;
- >Support the standard of IEEE802.11a/b/g/n/ac, support Wave 2;
- >support up to 1.3Gbps wireless transmission rate, with the rate adaptive feature that automatically adjust the wireless transmission rate;
- >Built-in omni-directional antenna, effectively improve the quality of the wireless signal .
- >Automatically select the best channel, can effectively avoid the co-channel interference and improve network stability;
- >Provide a variety of measures to ensure network security, such as 64/128-bit WEP, WPA / WPA2, WPA-PSK / WPA2-PSK encryption and security mechanism;
- >MAC address-based access control can effectively control access rights, support local and remote Web management.

## Hardware Specification

<b>Model Name</b>		FR-WR30210ACUHP-D
<b>Chipset</b>		QCA9563 +QCA9886+ QCA8337
<b>CPU Frequency</b>		775MHz
<b>RAM capacity</b>		128MByte(DDR2)
<b>ROM capacity</b>		16MByte(SPI flash)
<b>Standards and Protocols</b>	<b>Wireless</b>	5GHz: IEEE 802.11ac, IEEE 802.11n, IEEE 802.11a 2.4GHz: IEEE 802.11n, IEEE 802.11g, IEEE 802.11b
	<b>Wired</b>	IEEE802.3j, IEEE802.3u, IEEE802.3ab
<b>Operating Frequency</b>		2.4GHz & 5GHz
<b>Signal Rate</b>		2.4GHz: Up to 450Mbps 5GHz: Up to 867Mbps
<b>Modulation</b>		IEEE 802.11b: CCK, QPSK, BPSK IEEE11g/a: OFDM IEEE11n: QPSK, BPSK, 16-QAM, 64-QAM IEEE11ac: BPSK, QPSK, 16QAM, 64QAM, 256QAM
<b>Transmit Power</b>		2.4GHz: $\leq 24$ dBm 5GHz: $\leq 23$ dBm
<b>Indicators</b>		5G WLAN LED, Power LED, 2.4G WLAN LED
<b>Interfaces</b>		1* 10/100/1000Mbps WAN Port(RJ45) 2* 10/100/1000Mbps LAN Ports(RJ45) 1* USB 2.0 Host Port, 1x Power DC Jack
<b>Button</b>		Reset
<b>Antenna</b>		3* 2.4GHz 3dBi built-in FPC antennas, 2* 5GHz 3dBi built-in FPC antennas
<b>Power Supply</b>		12V/1.5A adapter or IEEE802.3at standard PoE
<b>Dimensions (W x D x H)</b>		180X180X25.5mm
<b>Environment</b>		Operating Temperature: 0°C~40°C Storage Temperature: -40°C~70°C Operating Humidity: 10%~90% non-condensing Storage Humidity: 5%~90% non-condensing

## Features

<p><b>Practical function</b></p> <ul style="list-style-type: none"> <li>● DDNS</li> <li>● Wireless relay</li> <li>● Quick Setup</li> </ul>	<p><b>Network Settings</b></p> <ul style="list-style-type: none"> <li>● WAN connection types supported: PPPoE \ DHCP \ Static IP \ PPTP \ L2TP</li> <li>● MAC Clone</li> <li>● Diagnostics</li> <li>● Static Router</li> </ul>	<p><b>System configuration</b></p> <ul style="list-style-type: none"> <li>● Software upgrade</li> <li>● Save&amp;reload settings</li> <li>● System log</li> <li>● NTP server</li> <li>● Language &amp; Style</li> </ul>
<p><b>Security Settings</b></p> <ul style="list-style-type: none"> <li>● WEB management</li> <li>● Remote WEB management</li> <li>● SSH access</li> <li>● Telnet</li> </ul>	<p><b>DHCP Settings</b></p> <ul style="list-style-type: none"> <li>● DHCP Server</li> <li>● DHCP Client</li> <li>● The client list</li> <li>● Static IP</li> </ul>	<p><b>Firewall</b></p> <ul style="list-style-type: none"> <li>● DMZ</li> <li>● Port Forward</li> <li>● Port/URL/MAC filter</li> </ul>
<p><b>Wireless basic function</b></p> <ul style="list-style-type: none"> <li>● Wireless enable/disable</li> <li>● WDS</li> <li>● WPS</li> <li>● Mutiple SSID</li> </ul>	<p><b>Wireless Security</b></p> <ul style="list-style-type: none"> <li>● 64/128-bit WEP Encryption</li> <li>● WPA/WPA2 \ WPA-PSK/WPA2-PSKK</li> </ul>	

