



AC1200 Wireless Dual Band Gigabit WAN Router

FR-WR1038AC-C

Major features

- High speed data rate up to 1200Mbps
- Provide Gigabit WAN
- Four 5dBi omni directional non-detachable antennas, far distance transmission
- Firmware upgradeable

Description

The FR-WR1038AC-C Wireless Router is compatible with IEEE802.11n and IEEE802.11ac standard, which supports data rate up to 1200 Mbps in 2.4 GHz band and 5 GHz band, which is also compatible with IEEE 802.11g/b wireless devices. Provide one Gigabit WAN and three Megabytes LAN. Transmission power up to 100mW and omni directional antenna design, which can effectively improve the Wi-Fi coverage. It combines the router, wireless access points, switches, firewall as a whole, and provides a very convenient comprehensive network management functions.

The FR-WR1038AC-C wireless router is designed to satisfy the small business, office and home office wireless Internet needs, it is powerful, superior performance, is easy to manage your Shared wireless broadband Internet access, the best choice for common haring broadband Internet.

Application of topology



Wireless
5 GHz/AC



Wireless
2,4 Ghz



Features

- Complies with IEEE802.11n、IEEE802.11ac、IEEE 802.11b/g、IEEE 802.3i、IEEE 802.3u and IEEE 802.3ab standards
- Provide one Gigabit WAN and three GigaBytes LAN
- High speed data rate up to 1200Mbps
- Supports Virtual Server and DMZ
- Supports 64/128-bit WEP encryption and WPA-PSK, WPA2-PSK security
- Supports MAC/IP filtering and URL blocking
- Supports DHCP server and Anti-Dos firewall
- Web user interface (remote configuration), firmware upgradeable

Hardware Specification

Model Name		FR-WR1038AC-C
Chipset		RTL8197FH+RTL8211F+RTL8812BRH
CPU Frequency		1GHz
RAM capacity		64MByte(DDR2)
ROM capacity		8MByte(SPI flash)
Standards and Protocols	Wireless	5GHz: IEEE 802.11ac, IEEE 802.11n, IEEE 802.11a 2.4GHz: IEEE 802.11n, IEEE 802.11g, IEEE 802.11b
	Wired	IEEE802.3i, IEEE802.3u, IEEE802.3ab
Operating Frequency		2.4GHz & 5GHz
Signal Rate		2.4GHz: Up to 300Mbps 5GHz: Up to 867Mbps
Modulation		IEEE 802.11b: CCK, QPSK, BPSK IEEE11g/a: OFDM IEEE11n: QPSK, BPSK, 16-QAM, 64-QAM IEEE11ac: BPSK, QPSK, 16QAM, 64QAM, 256QAM
Transmit Power		2.4GHz: ≤ 20 dBm 5GHz: ≤ 18 dBm
Indicators		Power, WPS, WAN, LAN1~4, 2.4G WIFI, 5G WIFI
Interfaces		1* 10/100/1000Mbps WAN Port(RJ45) 3* 10/100Mbps LAN Ports(RJ45)
Button		1*Reset, 1*WPS
Antenna		2* single band 2.4G 5dBi omni directional non-detachable antennas, 2* single band 5G 5dBi omni directional non-detachable antennas
Power Supply		12V/1A adapter
Dimensions (W x D x H)		143 X 100 X 26.5mm
Environment		Operating Temperature: 0°C~40°C Storage Temperature: -40°C~70°C Operating Humidity: 10%~90% non-condensing Storage Humidity: 5%~90% non-condensing

Software Specification

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

