AC1200 Wireless Dual Band Gigabit Router
FR-WR022A

Major features
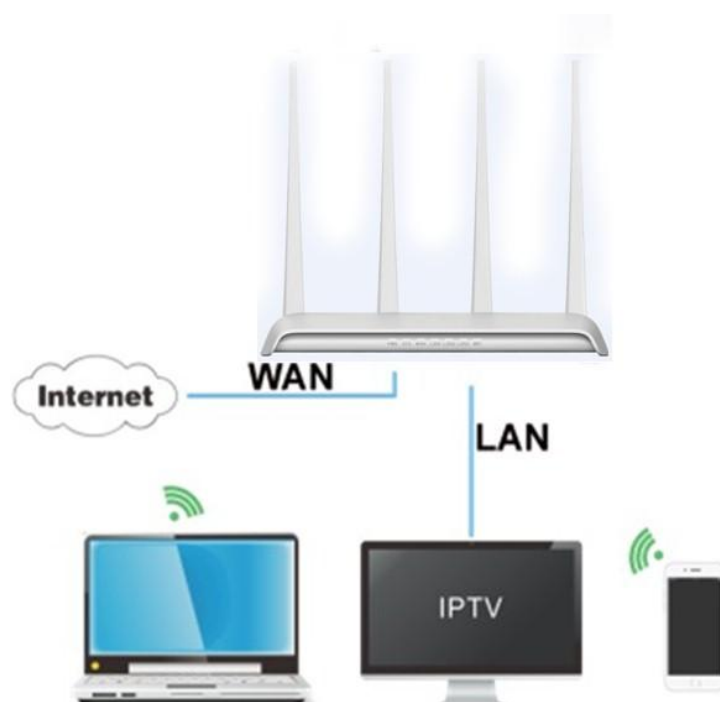
- **High speed data rate up to 1200Mbps**
- **Four 5dBi omni directional non-detachable antennas,far distance transmission**
- **Firmware upgradeable**

Description

The **FR-WR022A** 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. 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, four switches, firewall as a whole, and provides a very convenient comprehensive network management functions.

The **FR-WR022A** 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

● AC1200 Wireless Dual Band Gigabit Router   FR-WR022A

▮ Features

➢ Complies with IEEE802.11n、IEEE802.11ac、IEEE 802.11b/g、IEEE 802.3i、IEEE 802.3u and IEEE 802.3ab standards

➢ Transmission power up to 100mW, which can effectively improve the Wi-Fi coverage

➢ 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-WR022A
Chipset		RTL8197FH+RTL8367RB+RTL8812FR
CPU Frequency		1GHz
RAM capacity		128MByte(DDR2)
ROM capacity		32MByte(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:≦20dBm 5GHz:≦20dBm
Indicators		PWR ,SYS,WAN, LAN1,LAN2,LAN3,WLAN
Interfaces		1* 10/100/1000Mbps WAN Port(RJ45) 4* 10/100/1000Mbps LAN Ports(RJ45)
Button		1*Reset
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)		W159 x D127 x H26mm
Environment		Operating Temperature: 0℃~40℃ StorageTemperature:-40℃~70℃Operating Humidity:10%~90% non-condensing StorageHumidity:5%~90% non-condensing

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Software Specification

Practical function	Network Settings	System configuration
• DDNS • Wireless relay • Quick Setup	• WAN connection types supported: PPPoE、DHCP、Static IP、PPtP、L2TP • MAC Clone • Diagnostics • Static Router • IPv6	• Software upgrade • Save&reload settings • System log • NTP server • Language
Security Settings • WEB management • Telnet • AndLink	**DHCP Settings** • DHCP Server • DHCP Client • The client list • Static IP	**Firewall** • DMZ • Port Forward • Port/URL/MAC filter
Wireless basic function • Wireless enable/disable • WPS • Mutilple SSID	**Wireless Security** • 64/128-bit WEP Encryption • WPA/WPA2、WPA-PSK/WPA2-PSKK	