W512Pro

WiFi5 AC1200 Giga Wireless Router

Overview

W512Pro is a wireless dual-band router with a transmission rate of 1167 Mbps. It adopts the Realtek solution with high performance and integration, Supports 802.11ac WiFi technology, and provides a speed of up to 300+867Mbps; Provide users with faster downloads,smoother video and online gaming experiences. It also adopts MIMO wireless signal multiplexing technology, which is obviously superior to ordinary routers in terms of transmission distance and wireless signal penetration, and can fully meet the current wireless coverage of large apartments such as multi-room and duplex, and small multi-offices,

Features

- Four 10/100M/1000M adaptive Ethernet (LAN) interface, and supports automatic MDI / MDIX
- Support 2.4G and 5G Dual frequency band
- WPA -PSK, WPA2-PSK, WPA /WPA2-PSK, encryption and security mechanisms can ensure the security of data transmitted in wireless networks
- 4x External non- removable high-gain antennas
- SSID support Broadcast control, effectively prevent SSID broadcast leak
- Built-in Network Address Translation (NAT) capability
- Built-in DHCP server
- WEB Software upgrade, free to use the latest software of the router
- Web enabled management, easy installation wizard
- Support WMM to make your voice and video smoother
- Support VPN Penetrate
- Support UPnP
- Support relay function
- Support EasyMesh
- DMZ support

Specification

Hardware Performance	
Chipset	RTL8197FH-VG5+RTL8812FR+RTL8367RB
Interface	1x 10/100/1000M WAN port and supports Auto MDI / MDIX 3x 10/100/1000M LAN ports that support Auto MDI / MDIX
Button	Reset / WPS (long press 5s reset, short press 1s WPS)
LED	1x Green Status
Antenna	4x External Omnidirectional 5 dbi gain non-removable antenna
Power	DC 12V/1A
WIreless	
Basic function	Wireless enable / disable SSID broadcast enable / disable Channel selection: 1 ~ 13 (2.4G) 36 ~ 48 + 149 ~ 165 (5GHz)

	2.4G bandwidth: 20MHz ,40MHz 5G bandwidth: 20MHz ,40MHz ,80MHz
Frequency	2412~2472M Hz 5180~ 5240MHz 5745MHz ~5825MHz
ThroughPut	The 2T2R is up to 1200Mbps
RF Power	2.4G Power: 802.11b 22±1.5dBm 802.11g 21±1.5dBm 802.11n20 19±1.5dBm 802.11n40 19±1.5dBm 5G Power: 802.11a 19±1.5dBm 802.11n20 18.5±1.5dBm 802.11n40 18.5±1.5dBm 802.11ac80 17.5±1.5dBm
Mode	Router,Ap,WISP,Client+AP
Wireless security	Wireless MAC address filtering WPA-PSK,WPA2-PSK,WPA/WPA2-PSK WPS(PBC)
Wireless Functions	Wireless network isolation Wireless site scanning
WiFi Setting	WiFi Settings (switch, wireless mode, SSID, PWD, encryption algorithm, channel, bandwidth) Visitor network (SSID, encryption mode, PWD, encryption algorithm, duration, speed limit)
Mesh	Mesh Switch Role selection Networking mode Mesh-TOP
Software	
Network settings	Support for WAN port connection type: PPPoE, dynamic IP, and static IP MAC address clone, IPTV settings
LAN Settings	DHCP server settings Manage IP settings
Firewall	Port mapping, DDNS, DMZ, WAN prevention PING, remote WEB management

Advanced setup	Traffic statistics, network speed control, parental control
System management	System status, time setting, password management, configuration management, and firmware upgrade
Others	
size	232.3x165.4x37mm
Environment	Operating temperature: 0℃ to 40℃ Storage temperature: -40℃ to 70℃ Working humidity: 10% to 90% RH does not condense Storage humidity: 5% to 90% RH not condensing
Packing Quantity	20Pcs/box

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