

AC1200

Long Range Wireless Dual Band Router 802.11ac/a/b/g/n

Model No. A850R

850R wireless router complies with the fifth generation 802.11ac Wi-Fi standard, delivering Wi-Fi speed up to 300Mbps+ 867Mbps, 3x faster than wireless-N. Simultaneous dual band ensures minimal interference and faster wireless connection. Especially the long range design on 2.4GHz band makes data transmission more stable over long distance. Generally, A850R is designed for medium-size homes with increasing demand of high speed Wi-Fi network.



Features

- Complies with the next generation 802.11ac Wi-Fi standard.
- 867Mbps on 5GHz and 300Mbps on 2.4GHz band for total 1167Mbps simultaneously.
- Long range design on 2.4GHz is perfect for long distance wireless transmission.
- Supports DHCP, Static IP, PPPoE(dual access), PPTP(dual access), L2TP(dual access) broadband functions.
- Provides 64/128-bit WEP, WPA, WPA2 and WPA/WPA2 (TKIP+AES) security.
- Connects to secure network easily and fast using WPS.
- QoS: Bandwidth Control based on IP/MAC.
- Supports IP, MAC, URL filtering and Port Forwarding.
- Universal Repeater and WDS function for easy Wi-Fi extension.
- Multi-SSID allows users to create multiple Wi-Fi networks.
- Supports easy and fast IPTV settings.
- Easy setup with auto popup window simplifies the basic settings.

Specifications

Hardware	
Interface	- 4 *100Mbps LAN Ports - 1 *100Mbps WAN Port
Power Supply	- 12V DC / 1A
Button	- 1 *RST Button - 1*WPS Button
LED Indicators	- 1 *Power, 1 *CPU, 1 *5G Wireless, 1 *2.4G Wireless, 4 *LAN, 1 *WAN
Antenna	- 2 *5dBi Fixed Antennas (2.4G), 2 *5dBi Fixed Antenna (5G)
Dimensions	- 5.3 x 5.0 x 0.9 in.(135.6 x 128 x 23.2mm)
Wireless	
Standards	- IEEE 802.11ac, IEEE 802.11a, IEEE 802.11b, IEEE 802.11g, IEEE 802.11n
RF Frequency	- 2.4GHz/5GHz
Data Rate	- 2.4GHz: Up to 300Mbps - 5GHz: Up to 867Mbps
EIRP	- 2.4GHz < 20dBm
	- 5GHz < 23dBm
Wireless Security	- 64/128-bit WEP, WPA, WPA2 and WPA-Mixed
Reception Sensitivity	- 2.4G: 11b 11M: - 85 dBm 11g 54M: - 65 dBm 11n HT20: - 65 dBm HT40: - 61 dBm - 5G: 11a 54M: - 65 dBm 11n HT20 MCS7: - 65 dBm HT40 MCS7: - 61 dBm 11ac VHT80 MCS9: - 51 dBm VHT40 MCS9: - 54 dBm VHT20 MCS9: - 57 dBm

Software	
Operation Mode	<ul style="list-style-type: none">- Wireless ISP Client Router- Wireless Client- Repeater(Range Extender)- Router- Bridge with AP- Client
WAN Type	<ul style="list-style-type: none">- DHCP/Static IP/PPPoE(dual access)/PPTP(dual access) /L2TP (dual access)
Wireless Functions	<ul style="list-style-type: none">- Multiple SSID,- MAC Authentication,- Universal Repeater,- WDS,- WPS,- IPTV
Schedule	<ul style="list-style-type: none">- Reboot Schedule,- Wireless Schedule
Firewall	<ul style="list-style-type: none">- MAC Filtering,- IP Filtering,- Port Filtering,- URL Filtering- Port Forwarding,- DMZ
Management	<ul style="list-style-type: none">- QoS, TR-069 config, DDNS, DoS, WMM, Access Control, etc.
Others	
Package Contents	<ul style="list-style-type: none">- A850R Wireless Router *1- Power Adapter *1- Ethernet Cable *1- Quick Installation Guide *1
Environment	<ul style="list-style-type: none">- Operating Temperature: 0℃~40℃ (32℉~104℉)- Storage Temperature: -40℃~70℃ (-40℉~158℉)- Operating Humidity: 10%~90% non-condensing- Storage Humidity: 5%~90% non-condensing