

AC1600

Wireless Dual Band Gigabit Router 802.11ac/a/b/g/n

Model No. A3004NS

A3004NS is a Wireless AC Dual Band Gigabit Router which is perfect for creating a powerful wireless network that has the range to easily cover your home or small office. It complies with 802.11ac WiFi standard and is backward compatible with 802.11n/g/b standards. With simultaneous dual-band technology and five external high gain antennas, it offers WiFi speed totally up to 1600Mbps and provides a stable and secure network connection for accessing Internet, chatting or other network activities. Plus, the USB3.0 port is quite convenient for flexible file sharing by FTP service and Samba Service.



Features

- Complies with 802.11ac/a/b/g/n standards.
- 300Mbps on 2.4GHz and 1.3Gbps on 5GHz band simultaneously.
- Five detachable high gain antennas with advanced MIMO technology.
- Supports PPPoE, DHCP and Static IP broadband functions.
- Five Gigabit Ethernet Ports ensure ultrafast data transmission rate.
- Multiple SSIDs allows users to add other SSIDs for better access control.
- Provides 64/128-bit WEP, WPA, WPA2 and WPA-Mixed security.
- Connects to secure network easily and fast using WPS.
- Supports IP, MAC, URL filtering and Port Forwarding.
- Universal repeater and WDS function for WiFi extension.
- A USB3.0 port supports Samba Service, FTP Service and URL Service.
- The VPN server can not only protect the privacy of your information, but also simplify network management.

Specifications

Hardware	
Interface	- 4 *10/100/1000Mbps LAN Ports - 1 *10/100/1000Mbps WAN Port - 1 *USB3.0 Port
Power Supply	- 12 V DC/2A
Button	- 1 * WPS Button - 1 * RST Button
LED Indicators	- 1 *Power, 1 *CPU, 1 *2.4G Wireless, 1 * 5G Wireless , 1 *WAN, 4 *LAN , 1 *USB3.0
Antenna	- 2 *4 dBi fixed antenna s(2.4GHz) , 3 *4dBi fixed antennas(5GHz)
Environment	- Operating Temperature: 0 °C ~55 °C (32 °F ~104 °F) - Storage Temperature: -20~65 °C (-40 °F ~158 °F) - Operating Humidity: 10%~90% non -condensing - Storage Humidity: 5%~95% non -condensing
Wireless	
Standards	- IEEE 802.11ac, IEEE 802.11n, IEEE 802.11g, IEEE 802.11b , IEEE 802.11a
RF Frequency	- 2.4GHz/5GHz
Data Rate	- 2.4GHz: Up to 300Mbps - 5GHz: Up to 1.3Gbps
Wireless Security	- 64/128 -bit WEP, WPA/WPA2, WPA -PSK/WPA2 -PSK (TKIP/AES)
Output Power	- 20dBm (Max.)
Channels	- 2.4GHz: 1-11 (North America), 1 -13 (General Europe), 1 -14 (Japan) - 5GHz: 36~165
Modulation Type	- DBPSK, DQPSK, CCK and OFDM (BPSK, QPSK, 16 -QAM/ 64 -QAM)
Reception Sensitivity	- 405 M: -64 dBm@10% PER - 270M: -64 dBm@10% PER - 135M: -61 dBm@10% PER - 54M: -68 dBm@10% PER - 11M: -85 dBm@8% PER - 6M: -88 dBm@10% PER - 1M: -90 dBm@8% PER

Software	
Network	<ul style="list-style-type: none">- WAN Type: PPPoE/DHCP/Static IP- LAN Interface- LAN/DHCP Server
Wireless (2.4GHz/5GHz)	<ul style="list-style-type: none">- Multiple BSS- Multibridge(Repeater): Wireless Bridge/Wireless WAN- MAC Authentication- WDS- WPS
NAT/Routing	<ul style="list-style-type: none">- Port Forwarding- DMZ/Twin IP- Port Trigger- Routing Table
Firewall	<ul style="list-style-type: none">- Internet Access Control: IP/MAC Address filtering- Net Detector- Remote/Internal access list
Utility	<ul style="list-style-type: none">- VPN Server(5 VPN tunnels)- DDNS- WOL- Host Scan
Traffic	<ul style="list-style-type: none">- QoS- Connection Control- Wired Port Link (speed, duplex)
System	<ul style="list-style-type: none">- System Log- User Name & Password- Firmware Upgrade- System Time- Configuration backup/restore
USB Storage	<ul style="list-style-type: none">- FTP Service- Samba Service- URL Service