

300Mbps Long Range Wireless N Router 802.11n/b/g (2T*2R)

Model No. N300RH

N300RH is a Long Range Wireless N Router which complies with 802.11n standard and can deliver up to 300Mbps wireless transmission speed. Equipped with two detachable high gain antennas, N300RH is designed for long distance signal transfer with stable throughput. Besides, it allows users to access internet by DHCP/ Static IP/ RUSSIA PPTP/ L2TP/ PPPoE with VLAN for IPTV experience, more popular and practical for medium-sized home and small office use.



Features

- Complies with IEEE 802.11n/g/b standards for 2.4GHz Wireless LAN.
- Up to 300Mbps data rate for WiFi network.
- Advanced MIMO technology enhances the throughput and wireless coverage.
- 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.
- Supports IP, Port, MAC, URL filtering and Port Forwarding.
- QoS: Bandwidth Control based on IP/MAC.
- Multi-SSID allows user to create multiple SSIDs according to their needs.
- Supports VLAN function for IPTV and other internet services.
- Universal repeater and WDS function for easy WiFi extension.
- SSH Server function ensures the security of remote login.
- Supports TR-069 protocol for remote centralized management.
- Supports passive PoE power supply.

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Specifications

Hardware	
Interface	- 4*10/100Mbps LAN Ports - 1*10/100Mbps WAN Port
Power Supply	- 12 V DC/ 1A
Passive PoE	- WAN Port & the LAN Port beside the WAN Port Supported
Button	- RST/WPS Button
LED Indicators	- 1*Power, 1*CPU, 1*Wireless, 1*WAN, 4*LAN
Antenna	- 2*8dBi Detachable Antennas
Environment	- Operating Temperature: 0 °C ~55 °C (32 °F ~131 °F) - Storage Temperature: -20~65 °C (-4 °F ~149 °F) - Operating Humidity: 10%~90% non-condensing - Storage Humidity: 5%~95% non-condensing
Wireless	
Standards	- IEEE 802.11n, IEEE 802.11g, IEEE 802.11b
RF Frequency	- 2.4~2.4835GHz
Data Rate	- 802.11n: Up to 300Mbps - 802.11g: Up to 54Mbps (dynamic) - 802.11b: Up to 11Mbps (dynamic)
EIRP	<20dBm
Wireless Security	- 64/128-bit WEP, WPA/WPA2, WPA-PSK/WPA2-PSK (TKIP/AES)
Channels	- 1-11 (North America), 1-13 (General Europe)
Modulation Type	- DBPSK, DQPSK, CCK and OFDM (BPSK, QPSK, 16-QAM/ 64-QAM)
Reception Sensitivity	- 270M: -61 dBm@10% PER - 135M: -65 dBm@10% PER - 54M: -68 dBm@10% PER - 11M: -85 dBm@8% PER - 6M: -88 dBm@10% PER - 1M: -90 dBm@8% PER

Software	
Router Status	<ul style="list-style-type: none">- Router Status
Operation Mode	<ul style="list-style-type: none">- Wireless ISP Client Router- Wireless Client- Repeater (Range Extender)- Router- Bridge with AP- Client
Network	<ul style="list-style-type: none">- LAN Settings- WAN Settings : DHCP Client, Static IP, PPPoE, PPTP and L2TP- VLAN Settings
Wireless	<ul style="list-style-type: none">- Basic Settings- Multiple AP 1- Multiple AP 2- Wireless Repeater- Advanced Settings- WDS Setting- Access Control- WPS- Wireless Schedule
QoS	<ul style="list-style-type: none">- QoS
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">- Upgrade Firmware- Save/Reload Settings- DDNS- Time Zone Settings- Password Settings- Reboot Router- Reboot Schedule