

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

## Model No. N300RT

N300RT is a single-band Wireless N router complies with 802.11n standard and can deliver up to 300Mbps wireless transmission rate for sharing file, online game and surfing the internet smoothly. Equipped with two detachable high gain antennas, the router has better wireless connection than those routers with only one antenna. Besides, the router allows users to access internet by DHCP Client/ Static IP /RUSSIA PPTP/L2TP/ PPPoE dual link. It also supports other functions such as VLAN function for IPTV and SSH Server. Generally, it is quite cost-effective product for either offices or home needs.



## Features

- Complies with IEEE 802.11n and IEEE 802.11g/b standards for 2.4GHz Wireless LAN.
- Up to 300Mbps data rate for Wi-Fi network.
- MIMO technology with wider wireless coverage provides better performance and stability.
- Supports PPPoE, DHCP Client, Static IP, PPTP and L2TP broadband functions and supports dual access.
- 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.
- Multiple APs allows users to add other two SSIDs for different needs.
- Complies with 11N standard, up to 300Mbps high-speed transmission rate.
- VLAN function for IPTV and other internet services.
- SSH Server function ensures the security of remote login.
- Repeater function expands the wireless coverage and allows more terminals to access Internet.
- Supports TR-069 protocol for remote centralized management.

### Specifications

Hardware	
Interface	- 4 *10/100Mbps LAN Ports - 1 *10/100Mbps WAN Port
Power Supply	- 9V DC/0.5A
Button	- 1 *RST ·WPS Button, 1 *Power ON/OFF
LED Indicators	- 1 *Power, 1 *CPU, 1 *Wireless, 1 *WAN, 4 *LAN
Antenna	- 2 *5dBi External Fixed Antennas
Environment	- Operating Temperature: 0 °C ~50 °C (32 °F ~122 °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)
Wireless Security	- 64/128-bit WEP, WPA/WPA2, WPA -PSK/WPA2 -PSK (TKIP/AES)
Output Power	- 18dBm (Max.)
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

# N300RU

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Software	
Status	<ul style="list-style-type: none"><li>- System Status</li><li>- Statistics</li><li>- System Log</li></ul>
Setup Wizard	<ul style="list-style-type: none"><li>- Setup Wizard</li></ul>
Quick Setup	<ul style="list-style-type: none"><li>- Quick setup</li></ul>
TCP/IP Settings	<ul style="list-style-type: none"><li>- LAN Interface</li><li>- WAN Interface: DHCP Client, Static IP, PPPoE, PPTP and L2TP</li><li>- VLAN Settings</li></ul>
Wireless	<ul style="list-style-type: none"><li>- Basic Settings(including Band, Mode, SSID, Multiple APs, etc.)</li><li>- Security Settings</li><li>- Site Survey</li><li>- WDS</li><li>- Advanced Settings</li><li>- Access Control</li><li>- WPS</li><li>- Schedule</li></ul>
Route Setup	<ul style="list-style-type: none"><li>- Static Route</li><li>- Routing Table</li></ul>
Firewall	<ul style="list-style-type: none"><li>- IP Filtering</li><li>- Port Filtering</li><li>- MAC Filtering</li><li>- URL Filtering</li><li>- Port Forwarding</li><li>- DMZ</li><li>- Denial-of- Service</li><li>- NAT Mapping</li></ul>
Management	<ul style="list-style-type: none"><li>- Upgrade Firmware</li><li>- Save/Reload Settings</li><li>- Web Login Password</li><li>- TR-069 config</li><li>- Date and Time</li><li>- Reboot Router</li><li>- Reboot Schedule</li></ul>
Advanced	<ul style="list-style-type: none"><li>- DDNS</li><li>- QoS</li><li>- Operation Mode</li><li>- SSH Server</li></ul>