

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

## Model No. N302R Plus

N302R Plus is a 300Mbps WLAN Router which allows users to access Internet by DHCP/PPPoE/Static IP.

Equipped with three high gain antennas and advanced MIMO antenna technology, it provides increasing throughput and stable Wi-Fi connection. Plus, Wireless Multibridge and WDS function also let you extend your existing Wi-Fi range to reduce hard to reach areas, so that you can enjoy Internet surfing anywhere in your home or office.



## 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.
- Advanced MIMO technology enhances the throughput and wireless coverage.
- Supports PPPoE, DHCP and Static IP broadband functions.
- Provides 64/128-bit WEP, WPA, WPA2 and WPA/WPA2 (TKIP+AES) security.
- Connects to secure network easily and fast using WPS.
- Multi-SSID allows user to create multiple LANs according to their needs.
- The IP, MAC and URL filtering makes access and time control more flexibly.
- The VPN server can not only protect the privacy of your information, but also simplify network management.
- Smart QoS function can assign bandwidth to PCs equally by one click.
- Repeater function expands the wireless coverage and allows more terminals to access Internet.

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## Specifications

Hardware	
Interface	- 4 *10/100Mbps LAN Ports - 1 *10/100Mbps WAN Port
Power Supply	- 9V DC/0.8A
Button	- RST/WPS Button
LED Indicators	- 1 *Power, 1 *CPU, 1 *Wireless, 1 *WAN, 4 *LAN
Dimensions	- 144.7mm x 94.7mm x 25mm (L x W x H)
Antenna	- 3 *5dBi fixed 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)
Wireless Security	- 64/128-bit WEP, WPA/WPA2, WPA -PSK/WPA2 -PSK (TKIP/AES)
Output Power	- 20dBm (Max.)
Channels	- 1-11 (North America), 1 -13 (General Europe), 1 -14 (Japan)
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

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Software	
Network	<ul style="list-style-type: none"><li>- Internet Setup: PPPoE/DHCP/Static IP</li><li>- LAN/DHCP Setup: DHCP Server/DHCP Static Lease</li></ul>
Wireless	<ul style="list-style-type: none"><li>- Wireless Basic Setup</li><li>- Multiple BSS</li><li>- Multibridge(Repeater): Wireless Bridge/Wireless WAN</li><li>- MAC Authentication</li><li>- WDS</li><li>- WPS</li><li>- Advanced Setup</li></ul>
NAT/Routing	<ul style="list-style-type: none"><li>- Port Forwarding</li><li>- DMZ/Twin IP</li><li>- Port Trigger</li><li>- Routing Table</li></ul>
Firewall	<ul style="list-style-type: none"><li>- Internet Access Control: IP/MAC Address filtering</li><li>- Net Detector</li><li>- Remote/Internal access list</li></ul>
Utility	<ul style="list-style-type: none"><li>- VPN Server</li><li>- DDNS</li><li>- WOL</li><li>- Host Scan</li></ul>
Traffic	<ul style="list-style-type: none"><li>- QoS Setup</li><li>- Connection Control</li><li>- Wired Port Setup</li></ul>
Management	<ul style="list-style-type: none"><li>- System Log</li><li>- Administrator Setup</li><li>- Firmware Upgrade</li><li>- System Time</li><li>- Configuration backup/restore</li></ul>