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

## Model No. N300RGU

N300RG is a 300Mbps Wireless N Gigabit Router with three high gain fixed antennas.
It enables you to connect high-speed wireless network with stable throughput. The full gigabit ports provide 10 times rate than normal 100Mbps solutions, which is the perfect choice to improve LAN communication speed. Since it provides Wireless Multibridge, WDS and VPN Server settings, N300RG can be also used as a VPN Server, a Repeater and a Wireless AP.

## 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.
- Five high performance gigabit Ethernet ports to achieve the most efficient data rate.
- Supports PPPoE, DHCP and Static IP broadband functions.
- Repeater function expands the wireless coverage and allows more terminals to access Internet.
- 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.

## Specifications

| Hardware | |
|---|---|
| Interface | - 4 *10/100/1000Mbps LAN Ports<br>- 1 *10/100/1000Mbps WAN Port |
| Power Supply | - 5V DC/2 .5A (general use) |
| Button | -1 *RST/ WPS  Button<br>-1 *Power ON/OFF  Slide Switch |
| LED   Indicators | - 1 *Power, 1 *CPU, 1 *Wireless, 1 *WAN, 4 *LAN |
| Dimensions | - 183.4mm x 134.4mm x 26mm (L x W x H) |
| Antenna | - 3 *4dBi Fixed  Antenna s |
| Environment | - Operating Temperature: 0  ℃~40 ℃ (32℉~104℉ )<br>- Storage Temperature:  -40~70 ℃ (-40℉~158℉ )<br>- Operating Humidity: 10%~90% non   -condensing<br>- 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<br>- 802.11g: Up to 54Mbps (dynamic)<br>- 802.11b: Up to11Mbps (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) |
| Rece ption Sensitivity | - 270M:  -61 dBm@10% PER<br>- 135M:  -65 dBm@10% PER<br>- 54M:  -68 dBm@10% PER<br>- 11M:  -85 dBm@8% PER<br>- 6M:  -88 dBm@10% PER<br>- 1M:  -90 dBm@8% PER |

| Software | |
|---|---|
| Network | - Internet Setup: PPPoE/DHCP/Static IP <br> - LAN/DHCP Setup: DHCP Server/DHCP Static Lease |
| Wireless | - Wireless Basic Setup <br> - Multiple BSS <br> - Multibridge (Repeater): Wireless Bridge/Wireless WAN <br> - MAC Authentication <br> - WDS <br> - WPS <br> - Advanced Setup |
| NAT/Routing | - Port Forwarding <br> - DMZ/Twin IP <br> - Port Trigger <br> - Routing Table |
| Firewall | - Internet Access Control: IP/MAC Address filtering <br> - Net Detector <br> - Remote/Internal access list |
| Utility | - VPN Setup <br> - DDNS <br> - WOL <br> - Host Scan |
| Traffic | - QoS Setup <br> - Connection Control <br> - Wired Port Setup |
| Management | - System Log <br> - Administrator Setup <br> - Firmware Upgrade <br> - System Time <br> - Configuration backup/restore |