

N300R+

11N

## Wireless Router

– 802.11n/g/b (2Tx-2Rx)

Model no. **N300R+**



### Product Description

N300R+ Integrates the wireless AP, router, four-port switch and firewall in one. It complies with 802.11n technology and gives you 802.11n performance up to 300Mbps at more robust and steady connections. Multi-working modes allow multi-usage of wifi networking . Multi-Encryption provide high security. It is a high performance and cost-effective solution for Home office and Small office.

### Product Features

- ❖ Complies with IEEE 802.11n; 802.11g; 802.11b standard for 2.4GHz Wireless LAN. Transmission speed up to 300Mbps.
  - ❖ Supports PPPoE, Dynamic IP, and static IP broadband functions
  - ❖ Supports wireless bridge and wireless station, Multi-SSID.
  - ❖ Support VPN Server(PPTP)&QOS bandwidth control
  - ❖ WIFI protected security(WPS), One-Click fast Security
  - ❖ Supports 64/128-bit WEP encryption and WPA-PSK, WPA2-PSK security
  - ❖ Supports virtual server, special application and DMZ host
  - ❖ Built-in firewall, supports IP, MAC, URL filtering which flexibly controls access and time
  - ❖ Supports WMM for improved audio and video signals
  - ❖ Supports configuration file backup and restore
  - ❖ Supports remote/local web management
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- ❖ Supports three detachable antenna

### Product Specification

<b>Standard</b>	IEEE802.11n current draft、IEEE 802.11g、IEEE 802.11b、IEEE 802.3、IEEE 802.3u、IEEE 802.3x
<b>Protocol</b>	CSMA/CA、CSMA/CD、TCP/IP、ICMP、NAT、PPPoE、DHCP、PPTP、UDP、NAT、DN、DDNS、VPN
<b>Port LAN</b>	4*100BaseTX (Auto MDI/MDIX)
<b>Port WAN</b>	1*100BaseTX (Auto MDI/MDIX)
<b>Wireless RF Frequency</b>	2.4~2.4835GHz
<b>Data Rate</b>	11n:300/270/243/216/162/108/81/54/27Mbps 135/121.5/108/81/54/40.5/27/13.5Mbps 130/117/104/78/52/39/26/13Mbps 11g: 54/48/36/24/18/12/9/6M (adaptive) 11b: 11/5.5/2/1M (adaptive)
<b>Wireless Transmit Power</b>	20dBm(MAX)
<b>Receiver Sensitivity</b>	270M: -65dBm@10% PER 135M: -65dBm@10% PER 54M: -68dBm@10% PER 11M: -85dBm@8% PER 6M: -88dBm@10% PER 1M: -90dBm@8% PER
<b>Channels</b>	1-11 (North America) 1-13 (General Europe) 1-14 (Japan)
<b>Modulation Technology</b>	BPSK, QPSK, CCK and OFDM (BPSK/QPSK/16-QAM/ 64-QAM)
<b>Antenna Type</b>	3*2.4GHz Dipole Antenna (2TX*2RX)
<b>Wireless Operation Mode</b>	AP Router Mode AP Client Router Mode (WISP Client) AP/Client/WDS Bridge/Repeater mode
<b>Wireless Security</b>	SSID Enable/Disable MAC Address, IP and URL Filter 64/128/152-bit WEP Encryption WPA/WPA2/WPA-PSK/WPA2-PSK (AES/TKIP) Encryption
<b>LED</b>	1*Power, 1*CPU Status,1*Wireless, 1*WAN, 4*LAN
<b>chip</b>	Ralink 3052F
<b>Memories</b>	Flash-2MB;SDRAM-16MB
<b>Management type</b>	Local/Remote Web-based configuration
<b>Operating temperature</b>	0~40°C
<b>Storage temperature</b>	-40~70°C
<b>Humidity</b>	5 ~ 95% non-condensing
<b>External Power adapter</b>	Output DC9V, 0.8A;Input 110V/220V