



Wireless Router

802.11n/g/b (2Tx-2Rx)

Model no. **N02-R30SX**

Product Description

N02-R30SX is a 300Mbps Wireless-N router, four-port switch, and firewall all-in-one. It complies with 802.11n technology and gives you 802.11n performance up to 150Mbps at more robust and steady connections. The wireless router will allow you to connect your network wirelessly in an easy, enjoyable and secure way better than ever. It is a high performance and cost-effective solution for Home office and Small office.

It supports AP, Client, Bridge, WDS, Gateway wireless connection Mode. The Router provides multiple protection measures, wireless LAN 64/128/152-bit WEP encryption security, WPA/WPA2 and WPA-PSK/ WPA2-PSK authentication and TKIP/AES encryption security. In addition, the port, URL and MAC address filtering make it easy for management.

Product Features

- ❖ Complies with IEEE 802.11n; 802.11g; 802.11b standard for 2.4GHz Wireless LAN.
- ❖ Supports PPPoE, Dynamic IP, and static IP broadband functions
- ❖ Supports UPnP, DDNS, static routing list.
- ❖ WIFI protected security(WPS), set your security at a push button.
- ❖ Supports virtual server, special application and DMZ host
- ❖ Supports 64/128-bit WEP encryption and WPA-PSK, WPA2-PSK security
- ❖ Built-in firewall, supports IP, MAC, URL filtering which flexibly controls access and time
- ❖ Built-in DHCP server
- ❖ Supports WMM for improved audio and video signals
- ❖ Supports configuration file backup and restore
- ❖ Support QOS bandwidth control
- ❖ Supports remote/local web management

Product Specification

Standard	IEEE802.11n current draft、 IEEE 802.11g、 IEEE 802.11b、 IEEE 802.3、 IEEE 802.3u、 IEEE 802.3x
Protocol	CSMA/CA、 CSMA/CD、 TCP/IP、 ICMP、 NAT、 PPPoE、 DHCP ,PPTP,UDP, NAT, DNS、 DDNS、 QOS
Port LAN	4*100BaseTX (Auto MDI/MDIX)
Port WAN	1*100BaseTX (Auto MDI/MDIX)
Wireless RF Frequency	2.4~2.4835GHz
Data Rate	802.11n Up-to 300Mbps 802.11g Up-to 54Mbps (6/9/12/18/24/36/48/ 54Mbps) ; 802.11b Up-to 11Mbps (1/2/5.5/11Mbps)
Wireless Transmit Power	11b:17-19dbm 11g:13-15dbm 11n:13-15dbm
Receiver Sensitivity	270M: -65dBm@10% PER 135M: -65dBm@10% PER 54M: -68dBm@10% PER 11M: -85dBm@8% PER 6M: -88dBm@10% PER 1M: -90dBm@8% PER
Channels	1-11 (North America) 1-13 (General Europe) 1-14 (Japan)
Modulation Technology	BPSK, QPSK, CCK and OFDM (BPSK/QPSK/16-QAM/ 64-QAM)
Antenna Type	2*2 external antenna
Wireless Security	SSID Enable/Disable MAC Address,IP and URL Filter 64/128/152-bit WEP Encryption WPA/WPA2/WPA-PSK/WPA2-PSK (AES/TKIP) Encryption
Chipset	RTL8196C
FLASH/SDRAM	2M/16M
LED	1*Power, 1*CPU Status, 1*Wireless, 1*WAN, 4*LAN
Memories	Flash-2MB;SDRAM-16MB
Management type	Local/Remote Web-based configuration
Operation temperature	0~40'C
Storage temperature	-40~70'C
Humidity	5 ~ 95% non-condensing
External Power adapter	Input 110V/220V Output DC9V, 0.8A