

RN210-3G – Nalini Networks 4-PORT WIRELESS-N ROUTER plus HSPA SUPPORT FOR 3G MOBILE BROADBAND

- PRODUCT SPECIFICATIONS -

1.0 OVERVIEW

Dual Function as HSPA Support for 3G Mobile Broadband Router and 4-Port Wireless-N Broadband Router

HSPA Support for 3G Mobile Broadband Router to Enjoy Full Mobility, and Wire-Free for Internet Connectivity Anywhere

Nalini Networks RN210-3G 4-Port Wireless-N Router plus HSPA Support for 3G Mobile Broadband is an IEEE802.11n wireless broadband Router with HSDPA/HSUPA 3G support. With a 3G HSDPA USB modem simply plug in the Router, an Internet connection can be accessed and shared virtually anytime anywhere within a wireless broadband network.

4-Port Wireless-N Broadband Router to Share Wireless Internet Connection with More Users

RN210-3G also integrates router function so that Internet can be accessed through WIFI connection simultaneously. RN210-3G 4-port wireless-N router function provides an excellent solution for sharing a wireless Internet connection and files such as High Definition (HD) video, music, photos and documents with the wireless speed up to 300Mbps.

Advanced Wireless Security

Nalini Networks RN210-3G creates a secure Wi-Fi® network by supporting the latest wireless security features to prevent unauthorized access. It supports for 64/128-bit WEP, WPA, and WPA2 to ensure that you will be able to secure your Wi-Fi network, regardless of your client devices. In addition, the 3G Mobile Router utilizes dual active firewalls (SPI and NAT) to prevent potential attacks from across the Internet.

Wide Wireless Coverage

The product integrates with smart MIMO technology which overlays the signals of multiple radios that can successfully reduce “dead spots”, increase in throughput and increase the wireless coverage range.

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Easy to install and Use

By connecting a HSDPA/HSUPA USB modem into the USB Host port of RN210-3G, surfing the internet can be accessed and shared virtually anywhere within a wire or wireless broadband network. You can also directly connect Ethernet-based devices to its built-in 4-port full-duplex 10/100 switch.

Multiple-Compatibility with more than 90 Types of 3G/3.5G USB Modem Supported

The model is able to support multiple 3G/3.5G USB modems, there are already more than 90 models supported and the supporting list will be continued.

2.0 MAIN FEATURES

- Dual function as 3G mobile broadband router and 4-port wireless-N router.
- Support HSDPA/HSUPA (3G/3.5G) USB modem connection to offer a network connection with full mobility.
- Support WAN connection via DSL/Cable modem to work as a wireless router.
- Support IEEE802.11b/g and 11n wireless standard with the data transfer rate reaches up to 300Mbps.
- Internet access sharing through high speed wireless and 4-Port 10/100M Ethernet.
- Support for 64/128 bit WEP, WPA, and WPA2 ensure secure Wi-Fi network, and prevent unauthorized access
- Adopt smart MIMO technology to increase throughput and increase wireless coverage range.
- Wi-Fi Protected Setup (WPS) button allow easy configuration of a wireless network.

Convert single user 3G USB modem into a multiple users ready Wi-Fi Router.

- Detachable antennas allowing flexible gain performance antennas.
- Slick, clean design and wall mountable to save space.
- 3.5G Easy connect/disconnect button for manual connection option.

2.1 Protocol/Standards

- IEEE802.11b/g and 11n
- IEEE 802.3 10/100, IEEE 802.3u
- USB 2.0 OTG

2.2 Network Support

- 3G (UMTS) connectivity via a 3G USB Modem
 - PPPoE, DHCP and Static IP connectivity
 - MAC cloning support
 - IP/TCP/UDP/ICMP Application support
 - Network Address Translation (NAT)
 - Multi Range Port Forwarding
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- DHCP Server/client
- DNS Relay
- Dynamic DNS support

2.3 Wireless Support

- Modulation Support
 - IEEE802.11b (DSSS)
 - DBPSK : 1 Mbps
 - DQPSK : 2 Mbps
 - CCK : 5.5/11 Mbps
 - IEEE802.11g (OFDM/DSSS)
 - BPSK : 6/9 Mbps
 - QPSK : 12/18 Mbps
 - QAM-16 : 24/36 Mbps
 - QAM-64 : 48/54 Mbps
 - IEEE802.11n (OFDM/DSSS)
 - BPSK
 - QPSK
 - QAM-16
 - QAM-64
- Frequency Band
2.4GHz – 2.4835GHz
- Wireless Security Support
 - WEP (64/128 bit)
 - WPA-PSK Personal / WPA2-PSK Personal
 - TKIP, AES
 - Stealth AP (Hidden ESSID, Deny any Access)
 - MAC Address Filtering

2.4 Security Support

- NAT for basic Firewall support
- Packet Filtering Firewall support
- Stateful Packet Inspection support
- Protection against Denial of Service attacks
- Password Authentication For Router

3.0 HARDWARE

3.1 Power Requirement

- Input Power : 12V @ 1A DC
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- Power Consumption : 12 Watt (max)

3.2 Wireless Transmit Power

- 802.11b (1 antenna) : 18 +/- 1 dBm
- 802.11g (1 antenna) : 17 +/- 1 dBm
- 802.11n (2 antenna) : 17 +/- 1 dBm

4.0 PHYSICAL SPECIFICATION

4.1 LED Indicators

- 1 x Power LED
- 4 x Ethernet Link Status LED
- 1 x WAN Link Status
- 1 x Wireless LAN Link Status LED
- 1 x 3.5G Connection Status LED
- 1 x WIFI Protected Setup (WPS) LED
- 1 x USB Device LED

4.2 External Connectors

- 1 x DC Jack for Power Input
- 4 x RJ45 for LAN port
- 1 x RJ45 for WAN port
- 1 x USB type A
- 1 x 3.5G Connect/Disconnect Button
- 1 x WPS Button
- 1 x Factory Default Reset Button

4.3 Physical Dimension

- 200 mm x 125 mm x 30.5 mm

5.0 ENVIRONMENTAL

5.1 Temperature

- Operating : 0° to 40° Celsius (32° to 104° Fahrenheit)
- Non-Operating : -25° to 70° Celsius (-13° to 158° Fahrenheit)

5.2 Humidity

- Operating : 30% to 80% Relative Humidity (Non-Condensing)
- Non-Operating : 30% to 95% Relative Humidity (Non-Condensing)

NOTE : Specifications subject to change without prior notice.
