WaveLink N300R
802.11n 300Mbps Wirelesss Router

Features

- Configuration and management operated via WWW browser with password protected access
- Operates on 2.4 GHz frequency band including 11n (Draft 2.0) mode
- Support superior wireless coverage, less dead spaces and high throughput
- Compatibility with IEEE 802.11g, 802.11b (2.4GHz) and 802.11n (draft 2.0) standards
- Up to 300 Mbps data rates for wireless networks
- Supports WDS, AP, AP Client mode for wireless networks
- Supports 64/128-bit WEP, WPA (TKIP with IEEE 802.1x), WPA2 (AES with IEEE 802.1x) and WPS(Wi-Fi Protected Setup) functions for high level of security
- Support NAT, SPI (Stateful Packet Inspection) for advanced firewall features
- Compliant with IEEE 802.3 and IEEE 802.3u 10/100 Mbps
- DMZ and Virtual Server function provided operating modes include routing, bridge, static IP, PPPoE etc
- Firmware upgrade via HTTP

Wireless Features

- Support IEEE 802.11g, 802.11b and 802.11n draft 2.0 Wireless Access Point
- Superior wireless coverage and high performance, up to 300Mbps for wireless data rates
- Support 64/128-Bit WEP encryption, WPA-PSK, WPA2-PSK, WPS and 802.1x
- Support WDS, AP, AP Client mode

Modulation Types Supported

- OFDM: BPSK, QPSK, 16QAM, 64QAM, Proprietary MIMO modulation (11g)
- DSSS: DBPSK, DQPSK, CCK(11b)

Data Rates Supported

- IEEE 802.11b: 1, 2, 5.5 and 11 Mbps
- IEEE 802.11g: 6, 9, 12, 18, 24, 36, 48, 54 Mbps
- IEEE 802.11n(draft 2.0): up to 300Mbps

Specification

Quality of Service (QoS) and Value-Added MAC Feature

- IEEE 802.11e QoS
- Wi-Fi Alliance WMM (Wi-Fi Multimedia Enhancement) support
- Hardware-Based Priority Queues

Management Features

- Support ATM SAR, ATM AAL5,ATM Forum UNI3.1 / 4.0 PVC
- Support 16 ATM VCs

Physical Interfaces

- 4 * RJ-45 10/100Mbps LAN Ports
- 1* RJ-45 WAN Port
- 1 Power Jack
- WAN Status, Power and switching hub LED indicators

Router Features

- DHCP Server and Client
- NAPT (Network Address and Port Translation)
- NAT (Network Address Translation)
- ICMP (Internet Control Message Protocol)
- IGMP (Internet Group Management Protocol)
- DDNS (Dynamic Domain Name Service)

Security Features

- Password protected configuration access
- User authentication (PAP / CHAP) with PPP
- Support 64/128-Bit WEP encryption, WPA-PSK, WPA2-PSK, WPS and 802.1x

Ethernet Interfaces

- Compliant with IEEE 802.3 and 802.3u 10/100 Mbps
- All Ethernet ports support auto-crossover (MDI/MDI-X)
- Compliant with IEEE 802.3 and 802.3u 10/100 Mbps

Temperature

- 32°~122° F (0°~50°C)

Humidity
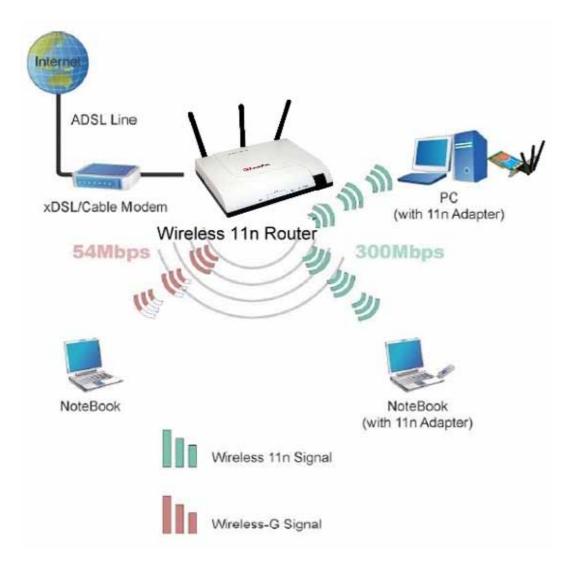
- Max. 95% (Non, Condensing)

Regulatory Approvals

- FCC, CE

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Ordering Information:

WLN-300R : 802.11n 300Mbps Wireless Router

* Product specification subject to change without notice.

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