

WaveLink N300A 802.11n 300Mbps Wireless ADSL2+ Router



Features

- ITU-T G.992.1(G.dmt) and G.992.2 (G.lite) compliant for Annex A, B, ITU-T G.992.3, G.992.4 for ADSL2, ITU-T G.992.5 for ADSL2+
- Supports downstream and upstream data rates up to 24Mbps and 2Mbps
- Configuration and management operated via WWW browser with password protected access
- WAN and LAN side connection statistics
- Enhance Wireless coverage and data rates up to 300Mbps with 11n client
- Compatibility with IEEE 802.11n draft 2.0, 802.11g and 802.11b (2.4GHz) standards
- Wireless security with 62/128-bit WEP, WPA and WPA2
- All Ethernet ports support auto-crossover (MDI/MDI-X) - No need for crossover cables
- Compliant with IEEE 802.3 and IEEE 802.3u 10/100 Mbps
- Supports DMZ and Virtual Server function
- Provided operating modes include routing, bridge, static IP, PPPoE, PPPoA etc
- Firmware upgraded via FTP or HTTP

ADSL Features

- Compatible with all leading DSLAMs
- Support DMT modulation and demodulation
- Support ITU-T G.992.1 G.992.3, G.992.4, G.992.5 Annex A
- ETSI TS 101 388 / DTS TM-06006 for Annex B
- Support ITU-T G.992.1 (G.dmt) Annex B – Deutsch Telecom / U-R2 for Annex B (U-R2)
- G.992.1 (G.dmt) : Downstream and upstream data rates up to 8Mbps and 1Mbps
- G.992.2 (G.Lite) : Downstream and upstream data rates up to 1.5Mbps and 512Kbps
- G.992.3 / G.992.4 (ADSL2) : Downstream and upstream data rates up to 12Mbps and 1Mbps
- G.992.5 (ADSL2+) : Downstream and upstream data rates up to 24Mbps and 2Mbps
- LAN Mode Support : Routed / Bridge Ethernet Over ATM (RFC-2684)
- Classical Internet Protocol Over ATM (RFC-1577)

ADSL Features

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

Wireless Features

- Support IEEE 802.11g, 802.11b and 11n draft 2.0 Wireless Access Point
- Support 128-Bit and 64-Bit WEP encryption, WPA-PSK, WPA2-PSK, 802.1x

Management Features

- Firmware upgrade via HTTP
- Customize Web pages
- WAN and LAN side connection statistics
- Password protected access
- Selection of Bridge or Router Mode
- PPP user ID and password
- Configuration of VCs (Virtual Circuits)

Physical Interfaces

- ADSL Modem / Router with four RJ-45 (10/100 Base-T) Ethernet port & an ADSL port
- ADSL Status, Power and switching hub LED indicators

Bridge Mode

- Ethernet to ADSL self-learning Transparent Bridging (IEEE 802.1D)
- Support up to 128 MAC learning addresses

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)

Wireless Data Rate

- 11b: 1/2/5.5/11Mbps
- 11g: 6/9/12/24/36/48/54Mbps
- 11n (20Mhz): MCS0-15, 32 with Half Guard Interval Support (Up to 144Mbps)
- 11n (40Mhz): MCS0-15, 32 with Half Guard Interval Support (Up to 300Mbps)

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Security Features

- Password protected configuration access
- User authentication (PAP / CHAP) with PPP

Physical Interfaces

- ADSL Modem / Router with four RJ-45 (10/100 Base-T) Ethernet port & an ADSL port
- ADSL Status, Power and switching hub LED indicators

Specification

Ethernet Features

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

Regulatory Approvals

- FCC, CE

Ordering Information:

**WLN-300A : 802.11n 300Mbps Wireless
ADSL2+ Router**

* Product specification subject to change without notice.

