

WaveLink WLN-300HOR

**802.11n 300Mbps High-Power Wireless AP Router (600mW)
w/2 detachable 7dbi antenna**

Overview

WLN-300HOR is a high-power Wireless-N AP Router which is designed to provide good performance and enhance the advantages of robust system and be cost-effective. It is the perfect option to connect a small group of PCs to a high-speed Broadband Internet connection or to an Ethernet backbone. Configurable as a DHCP server, the Broadband Router acts as the only externally recognized Internet device on your local area network (LAN). The Router serves as an Internet firewall, protecting your network from being accessed by outside users. The data rates up to 300Mbps for wireless connection, user can easy to share HD video or data transfer.



Features

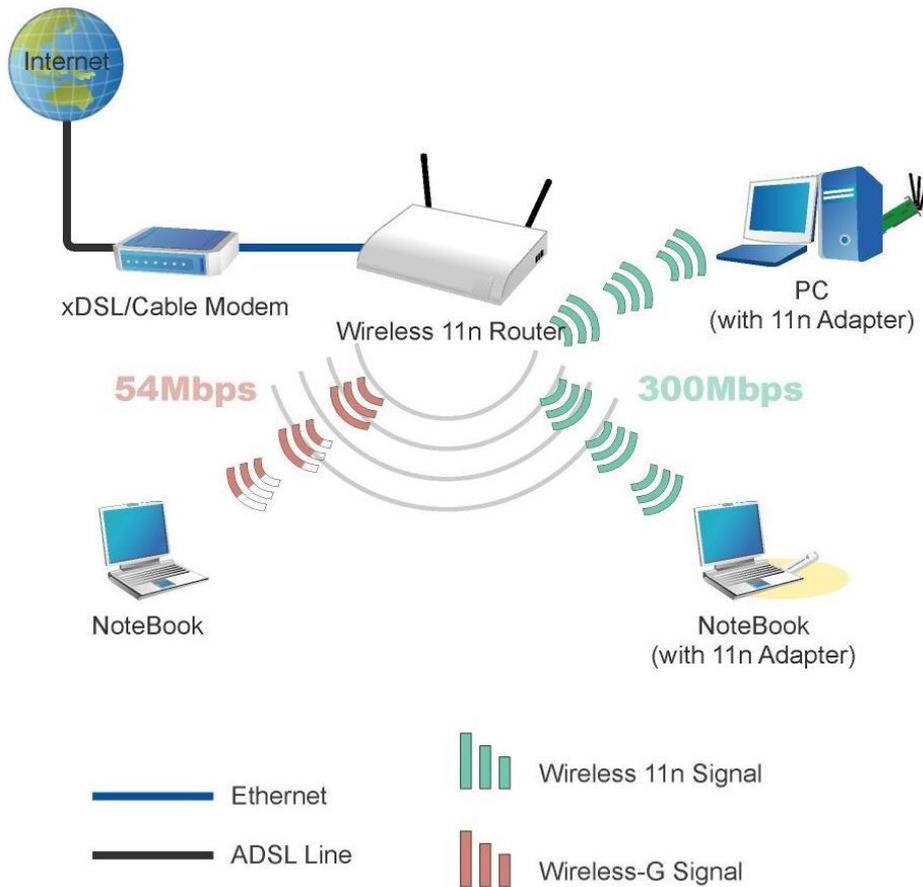
- Support advanced 2 x 2 MIMO Technology with up to 300Mbps downstream and upstream Configuration and management operated via WWW browser with password protected access
- Complies with 2.4GHz IEEE802.11n and IEEE802.11b/g standards
- Low Noise Amplifier(LNA) support
- Support 20MHz and 40 MHz bandwidth
- Operation mode: Bridge, Gateway, Ethernet Converter
- Wireless mode: AP, Client, WDS
- DHCP Server/Client
- RF output power adjustable
- Virtual DMZ, Port Forwarding
- Dynamic DNS
- Firewall, URL/IP/Port/MAC filtering
- Wireless users access control
- NTP client
- Wireless security - 64/128bit WEP, WPA TKIP, WPA2 AE2, 802.1x
- Support Static IP, DHCP client, PPPoE, PPTP and L2TP
- WPS hardware button
- Support Power over Ethernet (Passive PoE)

Specifications

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| Wireless Standard | <ul style="list-style-type: none"> ● IEEE 802.11b/g/n |
| Frequency Band | <ul style="list-style-type: none"> ● 2.4000GHz ~ 2.484GHz |
| Data Rates Supported | <ul style="list-style-type: none"> ● IEEE 802.11b: 1, 2, 5.5 and 11 Mbps with auto fall-back ● IEEE 802.11g: 6, 9, 12, 18, 24, 36, 48, 54 Mbps ● IEEE 802.11n: up to 144Mbps (20MHz) ● IEEE 802.11n: up to 300Mbps (40MHz) |
| Output Power (Typical) | <ul style="list-style-type: none"> ● 802.11b : upto 27 ± 1dBm ● 802.11g : upto 25 ± 1dBm ● 802.11n : upto 21 ± 1dBm |
| Sensitivity | <ul style="list-style-type: none"> ● -94dBm @802.11b ● -91dBm @802.11g ● -89dBm @802.11n |
| Operation Mode | <ul style="list-style-type: none"> ● Bridge ● Gateway ● Ethernet Converter |
| Wireless Mode | <ul style="list-style-type: none"> ● AP ● Client ● WDS |
| Security | <ul style="list-style-type: none"> ● 64/128bit WEP ● WPA/WPA2 ● WPA-PSK/WPA2-PSK |
| Media Access Control | <ul style="list-style-type: none"> ● CSMA/CA |
| Antenna Connector | <ul style="list-style-type: none"> ● Two SMA connectors for detachable antenna |
| Connectors | <ul style="list-style-type: none"> ● Two antenna connectors ● One RJ-45 port for WAN ● Four RJ-45 LAN ports ● Reset to default button ● WPS Button ● Power Jack |

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| Temperature | <ul style="list-style-type: none"> Operating Temperature: 0° C ~40° C |
| Humidity | <ul style="list-style-type: none"> Operating Humidity: 10%~90% R/H (max) |
| Power | <ul style="list-style-type: none"> 12V DC |

Application



Ordering Information

WLN-300HOR (ver. L1): 802.11n 300Mbps High-Power Wireless AP Router

** Product specification subject to change without notice.*