



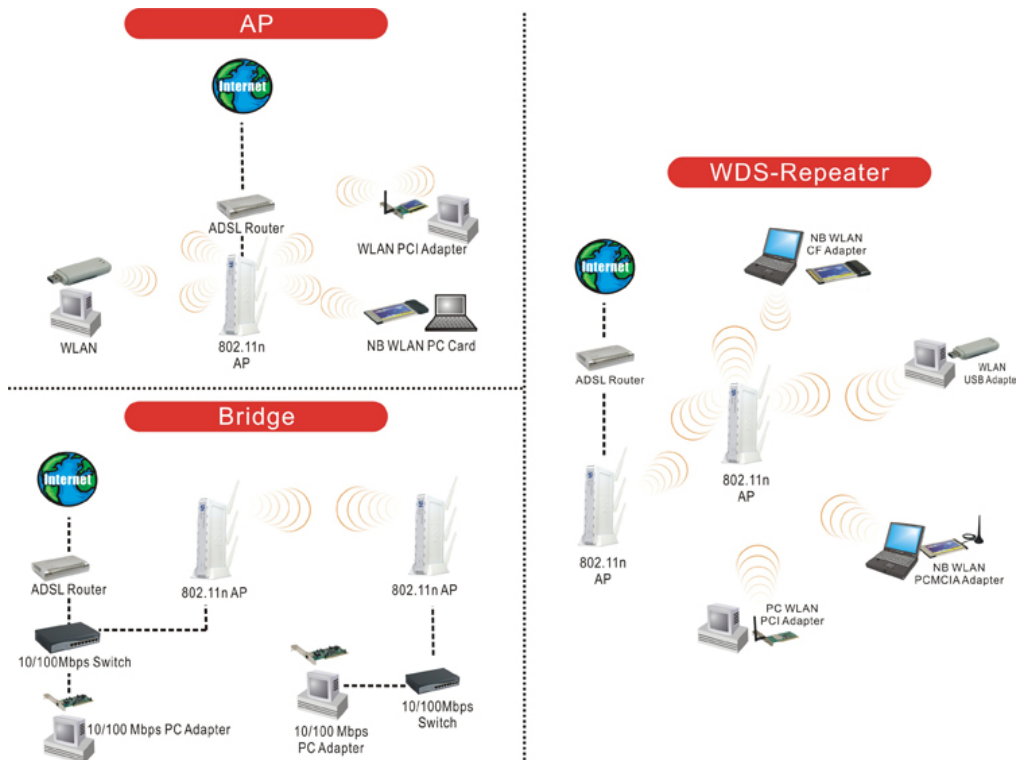
# WLn-501

IEEE802.11n 300Mbps AP/Bridge & function, with 5 port 10/100M Switch

WLn-501 complies with 802.11n draft 2.0, the next generation wireless standard. With the advanced MIMO technology, it can support the data transmission rate 6 times more (up to 300Mbps) and the coverage 3 times more than IEEE 802.11b/g devices. WLn-501 stable wireless connection and high bandwidth enable you enjoying the network applications without any interruption. WLn-501 supports a WPS button. The WPS function provides easy procedures to set up wireless security. Just press the WPS button and you can simplify the security setting.

The WLn-501 is a high cost-efficiency router for Small office / Home office users, all computers and network devices can share a single xDSL / cable modem internet connection at high speed.

## APPLICATION



## Features

1. Complies with the IEEE 802.11b/g/Draft-N specification
2. Supports 2.400~2.4835GHz frequency band
3. High data rate up to 300Mbps network speed
4. Auto rate fallback in case of obstacles or interferences
5. Supports point-to-point and point-to-multi point bridge function

6. Supports WMM function to meet the Multimedia data bandwidth requirement
7. Supports MIMO Technology, enhancing the throughput and Coverage range significantly
8. WPS (Wi-Fi Protected Setup) easy to use setup for the security
9. Supports WDS (Wireless Distributed System) repeater mode
10. Supports roaming link integrity
11. Supports authentication for wireless connectivity based on ESSID
12. Provides 64/128 bit key length WEP data encryption
13. Supports WPA, WPA2 security enhanced function (pre-shared key, 802.1x, TKIP, AES ...)
14. Provides MAC access control
15. Provides hidden SSID function
16. Provides DHCP server
17. Supports Web-based configuration
18. Firmware upgradeable via Web

## Specification

Industrial Standard	
Standard	IEEE 802.11n IEEE 802.11b, IEEE 802.11g IEEE 802.3 10BaseT Ethernet IEEE 802.3u 100Base-TX Fast Ethernet IEEE 802.1d Spanning Tree
Interface	LAN:5x10/100Base-TX with Automatic MDI/MDIX port
Security	64/128-bit WEP WPA-PSK (TKIP/AES), WPA2 -PSK (TKIP/AES) IEEE802.1x RADIUS Disable Broadcast SSID MAC Address Filtering
RF	
Frequency Band	2.400~2.4835GHz 802.11n backward compatible with 802.11b/g
RF Modulation	802.11b : DSSS, CCK, QPSK, BPSK 802.11g : OFDM 802.11n : 64QAM, 16QAM, QPSK, BPSK
Antenna	3 x Fixed 2T3R 3dBi Antenna
Output Power	16dBm
Operating Mode	AP AP Bridge-Point to Point AP Bridge-Point to Multi-Point AP Bridge-WDS
Management	Support Radius Server

	Supports WMM function Web User Interface Firmware Upgrade
<b>Hardware</b>	
CPU	Ralink RT1310
RAM	16MB SDRAM
Flash	4MB NOR Flash
Switch	Realtek RTL8305SC (5 Port Switch)
RF Module	Wireless Module Ralink RT2860 + RT2820
Environment	Operating Temperature:10 ~ 40 Humidity: 10% ~ 90%(non condensing)
Power Supply	12 VDC, 1A Switching Power Adaptor
Dimensions	30 (H) x 187(W) x 100(D) (mm)
Certificate	FCC , CE

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