



Art No. WL0150

## Wireless N 300Mbps USB Adapter

The WL0150 is a highly integrated MAC/BBP and 2.4GHz RF/PA/LNA single chip with 300Mbps PHY rate supporting. It fully complies with IEEE802.11n and IEEE802.11b/g feature rich wireless connectivity at high standards, delivers reliable, cost-effective, throughput from an extended distance. The WL0150 is designed to support standard based features in the areas of security, quality of service and international regulation, giving end users the greatest performance anytime in any circumstance. The very small and compact WLAN adapter design is good for wireless connectivity when an external antenna needs.



### Feature:

- Chipset: Ralink RT5372
- With 2dBi detachable antenna
- Complies with IEEE802.11b/g/n standards
- Supports 64/128-bit WEP, WPA, WPA2, WPA-PSK and WPA2-PSK Encryption
- High transfer data rate – up to 300Mbps
- Supports WiFi Protection Setup (WPS)
- Supports USB 2.0/1.1 interface
- Supports Windows 2000/XP/Vista/7/8, Linux 2.6.x and MAC OS



### Software and System Information

|                              |              |
|------------------------------|--------------|
| Linux 2.4/2.6                | ARM, MIPSII  |
| Windows 2000/XP/Vista/7/8    | X86 Platform |
| Mac OS X 10.3/10.4/10.5/10.6 | N/A          |



\* The specifications and pictures are subject to change without notice.  
\*All trade names referenced are the registered network of their respective owners.



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### Specification:

|                               |  |
|-------------------------------|--|
| <b>Hardware</b>               |  |
| Main Chipset                  | Ralink RT5372  |
| Host interface                | USB 2.0/1.1 Type A   |
| LED                           | Link/Activity  |
| <b>RF Performance</b>         |  |
| Standards                     | IEEE802.11b/g & 802.11n (2T2R mode, 300Mbps)   |
| Antenna                       | 2dBi detachable antenna  |
| Operation Frequency           | 2412~2483.5 MHz (varies according to different regions).   |
| Typical Tx Power (E.R.I.P)    | 802.11b (CCK)11Mbps: 19±1dBm; 802.11g (OFDM) 54Mbps: 16±1dBm<br>802.11n (HT20@MCS7), 15±1dBm; 802.11n (HT40@MCS7), 15±1dBm |
| Receive Sensitivity           | 802.11b: -86±1dBm; 802.11g: -74±1dBm<br>802.11n (HT20), -70±1dBm; 802.11n (HT40), -70±1dBm                                 |
| <b>Software Support</b>       |  |
| Operation System              | Windows 2000/XP/Vista/7/8; Linux 2.6.X; Mac OS X   |
| Security                      | WEP 64/128bit, WPA, WPA2, 802.1x, and 802.11i, Cisco CCS Compliant   |
| <b>Operation conditions</b>   |  |
| Voltage Range/Current         | DC 5.0V ± 5% < 160mA   |
| Temperature                   | Operation: -10°C ~ 60°C<br>Storage: -20°C ~ 70°C   |
| Humidity(Non-Condensing)      | Operation: RH 95%<br>Storage: RH 95%   |
| <b>Physical Specification</b> |  |
| Dimensions                    | 63.6x21.2x12.4 mm (Main body)  |
| Net Weight                    | 20g  |

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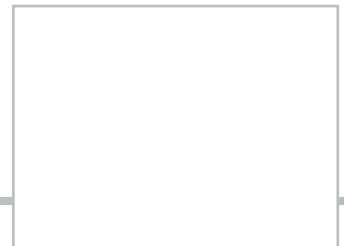
## Wireless N 300Mbps USB Adapter

### Package Contents:

- 1 x Wireless N USB Adapter
- 1 x Quick Installation Guide
- 1 x CD (Driver + Utility + Manual)

### Packaging Information:

- Packing Dimension: 100x165x26 mm
- Packing Weight: 0.05kg
- Carton Dimension: 485x445x380 mm
- Carton Q'ty: 200pcs
- Carton Weight: 11.9kgs



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