

WL-160N

SuperSpeed N USB 2.0 Wireless Card



Feature

- **World's smallest 802.11n USB 2.0 Wireless Card**
- **802.11n Draft 2.0 compliant, fully compatible with 802.11b/g**
- **Suitable for seamless multimedia stream**
- **Easy installation: Set-up wizard, Zero configuration at Windows XP**
Windows wireless client at Windows Vista
- **Support WEP, WPA and WPA2 for enhanced security**

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Super Speed N

With 802.11n MIMO (Multiple Input Multiple Output) technology, the WL-160N wireless card enables data transfers at more than wired 100Mbps. It's made for wireless multimedia streams, file sharing and online games through out your entire home.

The WL-160N is fully compatible with legacy 802.11b and g standards, allowing users to experience the latest wireless innovations without turning previous home network investments obsolete.



Hardware

Host interface	USB2.0
Solution	Ralink
Operating Frequency	2.4 - 2.5 GHz
Data Rate	<ul style="list-style-type: none"> ■ 802.11n Draft: up to 270Mbps*(*Note: The maximum wireless signal rate is IEEE802.11n draft specifications. Actual throughput will vary depending on the wireless environment and other parameters) ■ 802.11g: 6, 9, 12, 18, 24, 36, 48, 54Mbps ■ 802.11b: 1, 2, 5.5, 11Mbps
Modulation	DSSS, OFDM
Network Architecture Types	Infrastructure and ad-hoc
Operating Modes	11 for N. America, 14 Japan, 13 Europe (ETSI)
RF Output Power	12~14dBm(g mode), 14~16dBm(b mode), 14~16dBm(n mode)
Antenna	Two on-board PCB antennas
Receiver Sensitivity	-65~-68dBm @270Mbps -75~-77dBm @54Mbps -87~-88dBm @11Mbps (at normal temp. range) -95~-97dBm @ 1Mbps
Power Consumption	<ul style="list-style-type: none"> ■ TX power consumption: 450mA ■ RX power consumption: 300mA
Encryption/Authentication	64/128-bit WEP, WPA, WPA2, TKIP, AES, WPA-PSK, WPA2-PSK, 802.1x
Utilities	<ul style="list-style-type: none"> ■ Mobile control center: Integrate all tools and indicate real time status information on system tray ■ Wireless setting: Diagnose and configure your wireless network settings with on-line trouble shooting feature. ■ Mobile manager: Support automatic roaming and network reconfiguration between different locations ■ Site survey: Explore your wireless networking topology through a handy way
Windows XP Compatibility	Native support for all built-in WLAN functions, like Zeroconfig, Media Sense and 802.1x
Support OS	Windows 2000, XP, 2003, Vista32/64 bit
LED	Link, Activity
Size	90 mm (L) x 27 mm (W) x 9 mm (H)