



WL-8310

54/108Mbps Standard 11g PCI Bus Wireless LAN Adapter

The WL-8310 is an IEEE 802.11g Wireless PCI card that can operate in either Ad-Hoc mode (Point to Point/Point to Multipoint without an Access Point) or Infrastructure mode (Point to Point/Point to Multipoint with an Access Point). IEEE 802.11g uses 2.4GHz frequency band, the same as IEEE 802.11b; but it provides almost 5 times throughput rate than 802.11b. With the latest innovative Super G technology integrated, the maximum data rate of WL-8310 is 108Mbps, which doubles the speed of standard 802.11g. WL-8310 is also backward compatible and interoperable with IEEE 802.11b compliant wireless devices. This dual-standard support allows for greater flexibility of deployment and use.

The WL-8310 is provided with a detachable dipole antenna that can be replaced with optional external antennas to obtain better signal quality and greater connection distances.

The WL-8310 supports both 64/128-bit WEP (Wired Equivalent Privacy) and Wi-Fi Protected Access (WPA) for securing wireless network connections. The driver and utility supports most popular operating systems: Windows 98SE/ME/2000/XP/Server 2003. With advanced features and high performance capability, the WL-8310 is an excellent choice for constructing a wide range of wireless solutions.

▶▶ KEY FEATURE

- Fully compliant with wireless LAN IEEE 802.11g and 802.11b standards
- Wireless connection without the difficulty and cost of cabling
- Dual-standard capability: 802.11g and 802.11b compliant
- Super G mode provides up to 108Mbps data rate
- Based on 2.4GHz Direct Sequence Spread Spectrum (DSSS) Technology
- Support eXtended Range mode
- Support 64/128-bit WEP (Wired Equivalent Privacy) and Wi-Fi Protected Access (WPA)
- Support Ad-Hoc (Peer to Peer) communication and Infrastructure mode with an Access Point
- Seamless integration with IEEE 802.3 LAN through any IEEE 802.11b or 802.11g compliant Access Point
- Support most popular operating systems including Windows 98/Me/2000/XP/Server 2003
- Low Interference and High Susceptibility Guarantee Reliable Performance
- Support Power Save mode
- Plus-and-Play installation

