

## Sparklan WL-660R 802.11b/g Wireless PCI Adapter



The Sparklan WL-660R wireless 11b/g PCI Adapter speeds up the data transmission rate to 54Mbps which is five times faster than the 802.11b devices. Since 802.11g products share the same 2.4GHz radio band with all other 802.11b devices, the WL-660R adapter is backward compatible with other 802.11b wireless LAN devices.

The WL-660R PCI Adapter installs in most desktops so that you can relocate your computers to places you want at home or anywhere in the office without the cost and hassle of running network cables. No more drilling holes in the walls and through the ceiling to get connected to the network. Installation Wizard will guide you through easy set up steps. Once the installation is done, all you have to do is just sit back and enjoy the speed of powerful 11g.

The WL-660R enables high data rate multimedia applications, for example DVD streaming transmission, broadband bandwidth control and management.

### Features

- Easy Installation
- Detachable antenna for a variety antenna attachment
- Operates in the 2.4GHz, backward compatible in a 802.11b environment
- Wireless link up to 54Mbps, which is 5 times faster than 802.11b devices
- Up to 128-bit WEP Encryption for enhanced security
- Seamless roaming from cell to cell and between 802.11b and 802.11g
- Supports Win98SE / ME / 2K /XP



**Technical Specification**

Standards	IEEE 802.11b, 802.11g
Frequency Bands	2.412 – 2.4835GHz ISM Band
Number of Channels	10 – 13: France, Jordan 1 – 11: USA, Taiwan 1 – 13: European 1 – 13,14: Japan
Modulation	802.11b: CCK, DQPSK, DBPSK 802.11g: OFDM
Transmit Power	IEEE 802.11g: 15 dBm (typical) IEEE 802.11b: 19 dBm (typical)
Receive Sensitivity	11 Mbps 10-5 BER @ -83 dBm, typ 54 Mbps 10-5 BER @ -70 dBm, typ
Data Rates	IEEE 802.11b (auto fallback): 11, 5.5, 2, 1 Mbps IEEE 802.11g (auto fallback): 54, 48, 36, 24, 18, 12, 11, 9, 6 Mbps
Operating Range	Outdoor: 100- 300 m Indoor: 30-100 m * The performance depends on environment
Chipset	Ralink RT2561
PCI	PCI rev 2.2 Compliant
Antenna	Reverse SMA connector with 2 dBi detachable antenna
Security	64/128 bites WEP, WPA,TKIP,802.11i
Size	120 x 120 x 23 mm (LxWxH)
Weight	50g
Temperature	Operating: 0C - 65C Storing: -40C – 85C
Humidity	95 % Non-condensing
Operating Voltage	3.3V+/-5%
LED Indicators	Activity
Operating Systems	Win98SE/ME/2000/XP
Configuration Utility	Configuration tray & Zero configuration for WinXP
Certification	CE, FCC
Warranty	1 year
Package Contents	One Wireless PCI LAN adapter, antenna One Setup CD with User Guide One Quick Installation Guide