

## Sparklan WL-760A 802.11a/b/g Wireless PCI Adapter



The Sparklan **WL-760A** wireless 11a/b/g PCI Adapter offers high-speed wireless connection with a data rate up to 108Mbps. **WL-760A** supports seamless roaming from cell to cell in all types of wireless networks.

You can place your desktop computers anywhere at home or in the office building without any wire limitation.

The **WL-760A** supports advanced security features including 64/128-bit Wired Equivalent Privacy (WEP) & WPA encryption for more secured user network environment.

The 3dBi high gain Antenna makes WL-760A more sensitive to the wireless surrounding. Wider and longer receiving range increases your Internet access mobility and still provides the speed you need for large file download, digital video.

### Benefits

- Dual-band wireless adapter connects your desktop PC to 802.11a, 802.11b, 802.11g wireless networks.
- Protects your wireless communications with up to 128-bit encryption.
- Incredible data rates up to 108Mbps.

### Features

- One adapter connects ether 2.4GHz (802.11b or 802.11g) or 5GHz (802.11a) networks.
- Advanced security features with up to 128-bit WEP encryption.
- Easy to setup.

**Technical Specification**

Standards	IEEE 802.11a, 802.11b, 802.11g
Frequency Bands	802.11a: US: UNI-Band 5.15 – 5.35GHz EU: UNI-Band 5.15 – 5.35GHz UNI-Band 5.47 – 5.725GHz 802.11b/g: ISM Band: 2.412 – 2.4835GHz
Modulation	802.11b: CCK, DQPSK, DBPSK 802.11a/g: OFDM
Transmit Power	IEEE 802.11a: 15 dBm (typical) IEEE 802.11g: 16 dBm (typical) IEEE 802.11b: 18 dBm (typical)
Receive Sensitivity	802.11a: -70 dBm @ 54 Mbps 10% PER 802.11g: -72 dBm @ 54 Mbps 10% PER 802.11b: -88 dBm @ 54 Mbps 10% PER
Data Rates	IEEE 802.11b (auto fallback): 11, 5.5, 2, 1 Mbps IEEE 802.11g & 802.11a (auto fallback): 108, 54, 48, 36, 24, 18, 12, 11, 9, 6 Mbps
Operating Range	802.11b: outdoor 300 m 802.11g: outdoor 100 m 802.11a: outdoor 50 m
PCI	PCI rev 2.3 Interface
Antenna	Dual band, 802.11a: 3dBi, 802.11b: 1 dBi
Security	64/128 bites WEP, WPA
Size	147 x 120 x 20 mm (LxWxH)
Weight	104g
Temperature	Operating: 0C - 60C Storing: -20C – 80C
Humidity	Operating: 10-85 % Non-condensing Storing : 5-90 % Non-condensing
Operating Voltage	3.3V+/-5%
LED Indicators	Activity, Network Link
Operating Systems	Win2000/XP
Certification	CE, FCC
Warranty	1 year