



WL-760A

Dual-Band Wireless 802.11a/b/g PCI Adapter

Freedom to Adapt All 802.11 networks

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 SparkLAN 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 and audio transmissions.

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 either 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.

Specifications

Interface	
PCI	PCI rev2.3 Interface
LED indicator	Activity, Network Link
Antenna	Dual Band a: 3dBi antenna / b: 1dBi
Radio Characteristics	
Standard	802.11a, 802.11b, 802.11g
Frequency Band	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 2.4GHz ~ 2.4835GHz
Modulation	802.11a/g: OFDM 802.11b: CCK, DQPSK, DBPSK
Receive Sensitivity	802.11a: -70dBm @54Mbps 10% PER 802.11g: -72dBm @54Mbps 10% PER 802.11b: -88dBm @11Mbps 10% PER
Transmit Power	802.11a: 15dBm(typical) 802.11b: 18dBm(typical) 802.11g: 16dBm(typical)
Data Rate	802.11b: 11, 5.5, 2, 1 Mbps per channel, auto fallback. 802.11a and g: 108, 54, 48, 36, 24, 18, 12, 11, 9, 6, 5.5, 2, 1 Mbps per channel, auto fallback.
Operating Range ⁽²⁾	802.11a : Up to 50m (Outdoor) 802.11g : Up to 100m (Outdoor)

Environmental	
Dimension	147x120x20 mm (LxWxH)
Weight	104g
Security	64/128-bit WEP, WPA
Temperature	0~ 60°C (Operating), -20°C to 80°C (Storing)
Humidity	Operating Humidity 10% to 85% Non-Condensing Storage Humidity 5% to 90% Non-Condensing
Operating Voltage	3.3V±5%
Requirement	
Operating Systems	Win 2000/XP
Certification	
FCC , CE	
Warranty	
1 year	
Package Content	
● Dual-Band Wireless 802.11a/b/g PCI Adapter	
● Setup CD-ROM with User Guide ● Quick Installation Guide	

Notes:

- (1) Support enhanced proprietary Super Mode up to 108 Mbps.
- (2) The transmission speed varies in the surrounding environment

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