

## LP-7614 (100mW)

802.11 B/G/N Wireless PCI -E Card (1T1R)



### Main Features

- Complies with 2.4GHz IEEE802.11b/g/n standards
- One detachable 2 dBi antenna.
- Wireless security: 64/128bit WEP ,WPA ,WPA2
- High quality Ralink wireless b/g/n solution
- 1T1R with 150Mbps PHY rate for both transmit and receiving.
- Legacy and High throughput modes
- 20MHz/40MHz Bandwidth
- Qos-WMM, WMM-PS
- Multiple BSSID Support
- Support Soft AP

## Specification

### Standard

IEEE 802.11 b/g/n

### Antenna

One detachable 2dBi Antenna (SMA connector)

### Chipset – Ralink RT5390

### Frequency Band

2.400GHz ~ 2.484GHz

### Data Rate

802.11b:11,5.5,2 and 1 Mbps with auto-rate fall back

802.11g:54,48,36,24,18,12,9 &6Mbps

802.11n: (20MHz) up to 72 Mbps

802.11n: (40MHz) up to 150bps

### Media Access Control

CSMA/CA

### Sensitivity

-90dBm @ 802.11b

-87dBm @ 802.11g

-86dBm @ 802.11n

### Security

64/128 bit WEP

WPA(TKIP with IEEE 802.1x)

WPA2(AES with IEEE 802.1X)

### Driver support

Window ®XP 32/64, Vista 32/64, Win7 32/64

### RF Output Power(Typical)

802.11b: up to 19± 1 dBm

802.11g: up to 15 ± 1 dBm

802.11n: up to 14 ± 1 dBm

### Working mode

Infrastructure

Ad-Hoc

Soft AP

### Host Interface

PCI interface 2.2

### QoS enhancement

WMM,WMM-SA

### Operation Temperature

-10°C ~ 70°C ambient temperature

### Storage Temperature

-20°C ~ 70°C ambient temperature

### Approval

FCC Part 15

CE