

## LP-7615 (100mW)

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



### Main Features

- Complies with 2.4GHz IEEE802.11b/g/n standards
- 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

### Chipset – Ralink RT3060F

### Frequency Band

2.400GHz ~ 2.484GHz

### Data Rate

802.11b:11,5.5,2 and 1 Mbps

802.11g:54,48,36,24,18,12,9&6Mbps;Auto-fallback

802.11n:20MHz channel: 1Nss:65Mbps

@800GI,72.2Mbps @400GI(Max.)

802.11n:40MHz channel: 1Nxx:135Mbps

@800GI,150Mbps @400GI(Max.)

### Access Protocol

CSMA/CA

### Sensitivity

-95dBm @ 802.11b

-92dBm @ 802.11g

-90dBm @ 802.11n

### Security

64/128 bit WEP

WPA(TKIP with IEEE 802.1x)

WPA2(AES with IEEE 802.1X)

### Number of operation channel

2.412~2.462GHz(Canada, FCC)/11 Channels

2.412~2.484GHz(Japan, TELEC)/14 Channels

2.412~2.472GHz(Euro, ETSI)/13 Channels

### 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 16 ± 1 dBm

802.11n: up to 15 ± 1 dBm

### Working mode

Infrastructure

Ad-Hoc

Soft AP

### Operation Voltage

3.3V

### Host Interface

PCI interface 2.2

### QoS enhancement

WMM,WMM-PS

### Operation Temperature

0°C ~55°C ambient temperature

### Storage Temperature

-20°C ~ 70°C ambient temperature

### Dimension(mm)

120(L)x80(W)

### Approval

FCC Part 15

CE

