

## LP-7665 (100mW)

802.11 B/G/N Wireless PCI Card(2T2R)



### 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
- 2T2R with 300Mbps 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

Two detachable 2dBi antennas

### Chipset – Ralink RT3062

### 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-fall  
back

802.11n:20MHz channel: up to 144Mbps

802.11n: 40MHz channel: up to 300Mbps

### 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 ®2000,XP 32/64, Vista 32/64, Win7 32/64

Linux kernel 2.6.1.31/2.6.1.32

### 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)x53(W)

### Approval

FCC Part 15

CE

