

LP-8697N (100mW)

Compact 802.11 B/G/N Wireless USB Dongle(2T2R)



Loopcomm

Main Features

- Support advanced 2T2R Technology with up to 300 Mbps downstream/upstream data rate
- Low Noise Amplifier(LNA) support
- Complies with 2.4GHz IEEE802.11b/g/n standards
- Support 20MHz and 40MHz bandwidth
- Multiple BSSID support
- Wireless security - 64/128bit WEP, WPA , WPA2
- QoS enhancement - WMM
- Link/Activity LED indicator
- USB 2.0 Interface
- Support Soft AP

Specification

Standard

IEEE 802.11 b/g/n

Antenna

Built in Antenna x1

One detachable 5dBi Antenna x1

Chipset – Realtek RTL8192EU-CG

Frequency Band

2.400GHz ~ 2.484GHz

Modulation Technique

Orthogonal frequency division multiplexing(OFDM)

Direct Sequence Spread Spectrum (PBCC,
CCK,DQPSK,DBPSK)

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&6 Mbps with
auto-rate fall back

802.11n : 300,150,54,48,36,24,12,9,6,11,5.5,2,1
Mbps (Auto Rate Sensing)

Media Access Control

CSMA/CA

Sensitivity

-96dBm @ 802.11b

-92dBm @ 802.11g

Security

64/128 bit WEP

WPA(TKIP with IEEE 802.1x)

WPA2(AES with IEEE 802.1x)

Driver support

Window ® Win7 32/64 · Win8.1 32/64

RF Output Power (Typical)

802.11b: up to 15± 1 dBm

802.11g: up to 14 ± 1 dBm

802.11n: up to 14 ± 1 dBm

Working mode

Infrastructure

Ad-Hoc

Soft AP

Operation Voltage

5V DC

Host Interface

USB 2.0

Operation Temperature

0°C ~ 60°C

Storage Temperature

-20°C ~ 70°C ambient temperature

Storage Humidity

10% ~ 90% (Non-condensing)

Approval

FCC