



GN-WB32L-RH 802.11b/g/n Wireless Ultra N USB Adapter

Data Sheet v1.0



SMART SETUP



SECURITY GUARD



Specification

Chipset

Ralink Wireless N

SYSTEM

Host Interface

USB v2.0

Operating Voltages

5.0V+/-5%

Typical Power Transmitting (Legacy mode)

Transmitting (Legacy mode): 195mA @ 11b, 190mA @ 11g

Transmitting (HT20 mode): 195mA

Transmitting (HT40 mode): 200mA

Receiving (Legacy mode, HT20 mode): 100mA @ 11b/g/n

Receiving (HT40 mode): 105mA

Radio

Frequency Band

2412 ~ 2484 MHz (subject to local regulation)

Modulation Technology

OFDM and DSSS

Modulation Techniques

64QAM, 16QAM, QPSK, BPSK, DBPSK, DQPSK, CCK

Data Rates

Transmit up to 150Mbps and auto fallback

Receive up to 150Mbps and auto fallback

Output power

Legacy mode: 18dBm @11Mbps, 14dBm @54Mbps

HT20 mode: 14dBm @MCS7 (72.2Mbps)

HT40 mode: 14dBm @MCS7 (150Mbps)

Receive Sensitivity

Legacy mode: -87dBm @11Mbps, -70dBm @54Mbps

HT20 mode: -67dBm @ MCS7

HT40 mode: -63dBm @ MCS7

Regulatory and Environment Compliance

EMC certification

FCC part 15 (USA) / CE / NCC

Temperature Range Operating:

0 ~ 65 degree C, Storage: -20 ~ 65 degree C

Humidity

10% ~ 85% Non-condensing

Software

Driver

Windows 2000/XP/Vista

Security

64/128 bit WEP, WPA and WPA2

Quality of Service (QoS)

WMM

Roaming Seamless

roaming among 11b/g/n access points.

Management Utility

Monitors the network situation.

Mechanical

Weight

14g ± 1.0g

Dimension

77.6mm*31.0mm*9.1 mm ± 0.5mm

Packaging

Retail Colorbox