



EUB-3701 EXT

Wireless USB 2.0 Adapter



2.4 GHz

802.11 b/g

54 Mbps

The USB 2.0 wireless card supporting 802.11b/g (2.4GHz) radio operation. It provides high-speed wireless connection with data rate up to 54Mbps. 2dBi or higher gain antenna could be incorporated into adapter easily. The shrinking dimension, light weight & lower power consumption design can easily integrate into a wide range of computer and laptop devices.

To protect your wireless connectivity, the high-speed wireless USB adapter can encrypt all wireless transmissions through 64/128-bit WEP data encryption and also supports WPA and WPA2(AES)



Features	Benefits
High Speed Data Rate up to 54Mbps	Capable of handling heavy data payloads such as MPEG video streaming.
WPA/WPA2 (IEEE 802.11i), WEP 64/128 Support	Powerful data security.
IEEE802.1x Client Support (TLS, TTLS, LEAP)	Enhances authentication and security.
WMM (IEEE 802.11e) standard support	Wireless Multimedia Enhancements Quality of Service support (QoS) / enhanced power saving for Dynamic Networking
USB 2.0/1.1	USB 2.0 interface and compatible with USB 1.1
External antenna	Integrate with high gain antenna easily and upgrade link quality.
Mac driver supported	Work with Mac Laptop and Notebook

*** Subject to change without prior notice



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Technical Specifications

Data Rates

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

Mbps

802.11b: 1, 2, 5.5, 11Mbps

Standards / Compliance

IEEE802.11, IEEE802.11g, IEEE802.11b, draft IEEE 802.11e, and i standards, IEEE802.1x

Regulation Certifications

FCC Part 15, ETSI 300/328/CE

Operating Voltage

5 V $\pm$ 0.25V

Status LEDs

Power
RF link activity

RF Information

Frequency Band

U.S., Europe and Japan product covering 2.4 to 2.484 GHz, programmable for different country regulations

Media Access Protocol

Carrier Sense Multiple Access with Collision Avoidance (CSMA/CA)

Modulation Technology

802.11g: OFDM (64-QAM, 16-QAM, QPSK, BPSK)
802.11b: DSSS (DBPSK, DQPSK, CCK)

Operating Channels

11 for North America, 14 for Japan, 13 for Europe

Receive Sensitivity (Typical)

● 2.412~2.472G (IEEE802.11g)

6Mbps@ -80dBm

54Mbps@ -68dBm

● 2.412~2.472G (IEEE802.11b)

11Mbps@ -80dBm

1Mbps@ -85dBm

Available transmit power

● 2.412~2.472G (IEEE802.11g)

Typical 15 dBm@6Mbps~54Mbps

● 2.412~2.472G (IEEE802.11b)

Typical 19dBm@1~11Mbps

Antenna

External Antenna

Networking

Topology

Ad-Hoc, Infrastructure

Security

WPA/WPA2 (AES, 64,128-WEP with shared-key authentication)

OS support

Windows 2000/XP/Vista and Mac OS

Physical

Form Factor

USB 2.0/1.1

Dimensions (HxWxD)

68(L) mm x 25(W) mm x 10(H) mm

Weight

40 g/ 1.5oz

Environmental

Temperature Range

Operating: -0°C to 55°C
Storage: -20°C to 75°C

Humidity (non-condensing)

5%~95% Typical

Package Contents

One CD-ROM with User's Manual and Drivers
QIG

Related Product(s)

11 b/g High-power Wireless USB 2.0 Adapter
NUB-362
11 a/b/g High-power Wireless USB 2.0 Adapter
NUB-862
11 a/b/g Wireless USB 2.0 Adapter
NUB-8301

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