PRODUCT DATASHEET

Wireless USB 2.0 Adapter NUB-3701

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. The shirking 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

* Theoretical wireless signal rate based on IEEE standard of 802.11a, b, g chipset used. Actual throughput may vary. Network conditions and environmental factors lower actual throughput rate.

** All specifications are subject to change without notice. 6/1/2006

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 ± 0.25V

Status LEDs

RF link activity

Drivers

Windows 98SE/ME/2000/XP

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)

  15 ± 2dBm @6Mbps~54Mbps
- 2.412~2.472G(IEEE802.11b)

  19 ± 2dBm @1~11Mbps

Antenna

Printed Antenna

Networking

Topology

Ad-Hoc, Infrastructure

Security

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

Physical

Form Factor

USB 2.0/1.1

Dimensions (HxWxD)

75.2(L) mm x 53.9(W) mm x 14(H) mm

Weight

40 g/ 1.5oz

Environmental

Temperature Range

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

Humidity (non-condensing)

5%~95% Typical

Package Contents

One CD-ROM with User's Manual and Drivers

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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