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**PRODUCTS** SERVICES COMPANY INVESTORS CAREERS SITEMAP

- Long Range Cordless Phone
- Long Range Cordless Phone**
- Wireless PBX
  - Outdoor AP/CB
  - Indoor AP/CB
- Outdoor AP/CB
- Indoor AP/CB
  - Client Device
  - IP-PBX
- Platform
  - WiFi Phone
- Client Device
  - LAN Switch
  - Accessories
- Multipoint
- USB
- PCI Card
- Cardbus&PCMCIA
- IP-PBX
- WiFi Phone
- LAN Switch
  - Gigabit Switch
- Accessories

# NUB-362(EXT)

Atheros Wireless USB 2.0 Adapter



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Description Application Features

Spec.

## Technical Specifications

### Data Rates

**802.11g:** 6, 9, 12, 18, 24, 36, 48, 54, and Up to 108 Mbps

**802.11b:** 1, 2, 5.5 and 11Mbps

### Standards / Compliance

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

### Regulation Certifications

FCC Part 15, ETSI 300/328/CE, IC, WiFi, RoHS and W

### Operating Voltage

5 V ± 0.25V

### Status LEDs

RF link activity

### Drivers

Windows XP/2000/ME/98

### RF Information

### Frequency Band

U.S., Europe and Japan product covering 2.4 to 2.48 GHz programmable for different country regulations

**Media Access Protocol**

Carrier Sense Multiple Access with Collision Avoidance

**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)**

12.412~2.472G(IEEE802.11g)

6Mbps@ -91dBm;

54Mbps@ -76dBm

12.412~2.472G(IEEE802.11b)

11Mbps@ -91dBm;

1Mbps@ -96dBm

**Available transmit power****FCC (Typical)**

I 2.412~2.472G(IEEE802.11g)

22 dBm @ 6 ~ 24 Mbps

21 dBm @ 36 Mbps

20 dBm @ 48 Mbps

19 dBm @ 54 Mbps

I 2.412~2.472G(IEEE802.11b)

22 dBm @1~11Mbps

**ETSI (Typical)**

I 2.412~2.472G(IEEE802.11g)

20 dBm @ 6 ~ 24 Mbps

20 dBm @ 36 Mbps

20 dBm @ 48 Mbps

19 dBm @ 54 Mbps

I 2.412~2.472G(IEEE802.11b)

20 dBm @1~11Mbps

**Antenna**

Dipole antenna (2dBi detachable antenna)

**Networking****Topology**

Ad-Hoc, Infrastructure

**Security**

IEEE802.1x support for LEAP/PEAP

WPA/WPA2- Wi-Fi Protected Access (AES, 64,128,1536 bit keys, 802.11i shared-key authentication)

**Physical****Form Factor**

USB 2.0 / 1.1

**Dimensions (LxWxH)**

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°C to 75°C

**Humidity (non-condensing)**

5%~95% Typical

**Package Contents**

One CD-ROM with User's Manual and Drivers

One USB dongle

One Antenna (2dBi)

**Related Product(s)**

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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