

IEEE 802.11 n/g/b Wireless USB Adapter AW-NU221

Connect your computer to a fast wireless network



A simple way to upgrade your wireless communication

- Portable device for you to take anywhere you like
- Works with PC or Notebook
- Supports USB 2.0 interface for easy plug-and-play installation

11n draft 2.0 enables the high performance

- Supports 802.11n draft 2.0 and compatible with 802.11b/g
- Up to 5 times faster wireless connection speed than 802.11g
- Supports MIMO technologies for excellent performance and less dead spots

Enhanced Wi-Fi security

- Advanced security with WPA/WPA2

The 11n wireless streaming performs best with 802.11n compatible Router or AP



AW-NU221 Technical Specification

WLAN Standard

- IEEE 802.11 n/g/b, Wi-Fi compliant

Interface

- Type-A USB 2.0 Dongle wireless adapter

Frequency Range

- 2.4 GHz ISM Bands 2.412-2.472 GHz, 2.484 GHz

Number of Channels

- 802.11b
 - FCC : USA, Canada and Taiwan ch1 11 (2412~2462MHz)
 - ETSI : Most European Countries ch1~13 (2412~2472MHz),
France ch10~13 (2457~2472MHz)
Spain ch10~11 (2457~2462MHz)
- Japan ch1~14 (2412~2484MHz)
- 802.11g
 - FCC : USA, Canada and Taiwan ch1 11 (2412~2462MHz)
 - ETSI : Most European Countries ch1~13 (2412~2472MHz),
France ch10~13 (2457~2472MHz)
Spain ch10~11 (2457~2462MHz)
- Japan ch1~14 (2412~2484MHz)
- 802.11n HT20(20MHz)
 - FCC : USA, Canada and Taiwan ch1 11 (2412~2462MHz)
 - ETSI : Most European Countries ch1~13 (2412~2472MHz),
France ch10~13 (2457~2472MHz)
Spain ch10~11 (2457~2462MHz)
- Japan ch1~14 (2412~2472MHz)
- 802.11n HT40(40MHz)
 - FCC : USA, Canada and Taiwan ch3 9 (2412~2462MHz)
 - ETSI : Most European Countries ch3~9 (2412~2462MHz),
 - Japan : ch3~9 (2412~2462MHz)
- **Output Power**
 - 802.11b: 13dBm
 - 802.11g: 13dBm
 - 802.11n: 13dBm



Antenna

- Build in antenna

Receive Sensitivity

- 802.11b: -84dBm (11Mbps)
- 802.11g: -73dBm (54Mbps)
- 802.11n: -56dBm at HT40 MCS7
-71dBm at HT20 MCS7

Data Rates

- 802.11b: 11,5.5,2,1 Mbps
- 802.11g: 54,48,36,24,18,12,9,6 Mbps
- 802.11n: up to 300Mbps

Security

- WEP 64-bit and 128-bit encryption
- WPA(Wi-Fi Protected Access)

About Azurewave Technologies, Inc.

Established in April 2005, AzureWave Technologies Inc. is specialized in wireless communication, digital broadcasting and image processing related products.

For further information about AzureWave, please visit: www.azurewave.com

Specifications are subject to change without notice.

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