

AWUS036NHA

802.11b/g/n Long-Range USB Adapter



AWUS036NHA is an IEEE 802.11b/g/n Wireless USB adapter. It provides users to launch IEEE 802.11b/g/n wireless network at 150 Mbps in the 2.4GHz band, which is also compatible with IEEE 802.11b/g wireless devices at 54 Mbps. AWUS036NHA is compatible to higher-performance, multi-stream, MIMO-based 802.11n, and are available in reference designs to serve the networking, PC and consumer electronics markets.

AWUS036NHA includes a convenient Utility that scans for available networks on Windows XP and saves preferred networks that users are usually connected with. Security encryption can also be configured by this utility.



Product Features:

- Compatible with IEEE 802.11 b/g/n wireless standards
- 2.4GHz frequency band, MIMO (Multiple Input Multiple Output)
- Complies with Universal Serial Bus Rev. 2.0 specifications
- High speed transfer TX data rate up to 150 Mbps
- Supports wireless data encryption with 64/128-bit WEP, WPA, WPA2, TKIP, AES
- Wide Range coverage
- Compliant with FCC Part 15.247 for US, ETS 300 328 for Europe
- Supports driver for Windows 2000, XP 32/64, Vista 32/64, Windows 7

For further details:

Alfa Network Inc.,
4F-1 No. 106, Rueiguang Rd.,
Neihu District,
Taipei City, Taiwan.
<http://www.alfa.com.tw>
sales@alfa.com.tw

Tel:+886-2-27968477 I Fax:+886-2-27968478

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Specification:

Standards	Wireless: IEEE 802.11b/g/n	
Data Rate	802.11b: UP to 11Mbps 802.11g: UP to 54Mbps 802.11n: UP to 150Mbps	
OS Supported	Windows 2000, XP, Vista, 7	
Interface	USB 2.0 mini USB	
Antenna Type	1 x 2.4GHz RP-SMA connector	
Chipset	Atheros AR9271	
Antenna	5dBi 2.4GHz Antenna	
Frequency Range	2.412 ~ 2.483 GHz	
Channels	1~11 channels (North America) 1~13 channels (General Europe) 1~14 channels (Japan)	
Output Power	802.11b	28dBm±2
	802.11g	26dBm±2
	802.11n (HT20)	26dBm±2
	802.11n (HT40)	28dBm±2
Sensitivity	11b: -96dBm @ 1Mbps 11g: -91dBm @ 6Mbps 11n: -91dBm@HT20 MCS7 -87dBm@HT40 MCS7	
Data Modulation Type	BPSK,QPSK, CCK and OFDM	
Power	Voltage: 5V+5%	
Security	WEP 64/128, 802.1X support, Wi-Fi Protected Access (WPA), WPA-PSK, WPA II-PSK, Cisco CCX support, WAPI-PSK, WAPI-CERT	
Operating Temp	0°C ~ 50°C	
Storage	-10°C ~ 65°C	
Humidity	5% ~ 98% non-condensing	