

# AWUS036NEH

## 802.11n/b/g 1W Long-Rang USB Dongle

AWUS036NEH is the IEEE 802.11b/g/n Wireless USB adapter 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. You can configure AWUS036NEH with ad-hoc mode to connect to other 2.4GHz wireless computers, or with Infrastructure mode to connect to a wireless AP or router for accessing to Internet.

AWUS036NEH includes a convenient Utility for scanning available networks and saving preferred networks that users usually connected with. Security encryption can also be configured by this utility.



### Features

- Compatible with IEEE 802.11n, 802.11b/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 WPS by S/W
- 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 Linux (2.4.x/2.6.x), Mac (10.4.x/10.5.x/10.6.x) Power PC& PC.

### For further details:

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## Specification

Product General		
Standards	Wireless: IEEE 802.11b/g/n USB 2.0 standard	
Data Rate	802.11b: UP to 11Mbps 802.11g: UP to 54Mbps 802.11n: UP to 150Mbps	
OS Supported	Windows 2000 Windows XP Windows Vista Windows 7 Linux 2.6 Mac 10.4, 10.5, 10.6 Support S/W AP	
Physical Spec.		
Interface	USB 2.0 mini USB	
Antenna Type	1 x 2.4GHz RP-SMA connector	
Chipset	RT3070	
Hardware		
One LED	Power/Status Wireless Act.	
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	30dBm $\pm$ 1
	802.11g	29dBm $\pm$ 1
	802.11n (HT20)	29dBm $\pm$ 1
	802.11n (HT40)	30dBm $\pm$ 1
Sensitivity	11b: -92dBm 11g: -76dBm 11n: -73dBm@HT20 -70dBm@HT40	
Data Modulation Type	BPSK, QPSK, CCK and OFDM	
Power	Voltage: 5V $\pm$ 5%	
Security	WEP 64/128 802.1X support Wi-Fi Protected Access (WPA) WPA-PSK WPA II Cisco CCX support WAPI-PSK WAPI-CERT	
Environment Spec.		
Operating Temp	0°C ~ +50°C	
Storage	-10°C ~ +65°C	
Humidity	5%~98% non-condensing	



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