

# AWPCI36tH

## IEEE 802.11g High power PCI Adapter



The AWPCI36tH IEEE 802.11g High Power Wireless PCI adapter provides users to launch IEEE 802.11g wireless network up to 72 Mbps with Turbo mode in the 2.4GHz frequency, which is also compatible with IEEE 802.11b wireless devices at 11Mbps. You can configure this adapter 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. This adapter 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

- Complies with IEEE 802.11b/g wireless standard
- Complies with PCI revision 2.2 and PCI power management revision 1.1
- Dynamic data rate scaling at 1, 2, 5.5 and 11Mbps for 802.11b and 6,9,12,18,24,36,48 and 54Mbps for 802.11g
- High Speed transfer data rate up to 54 Mbps
- Support turbo mode for 72 Mbps data rate
- Support wireless data encryption with 64/128-bit WEP, WPA (TKIP with IEEE 802.1x) and AES functions.
- Support Wake-on-LAN(WOL) function and remote wake-up
- Equips one external detachable dipole antenna
- Supports auto-installation and diagnostic utilities.

## SPECIFICATION

<b>Standards</b>	IEEE 802.11g, IEEE 802.b
<b>product</b>	High-Power 802.11g Turbo Wireless LAN PCI Adapter with Reverse SMA Connector
<b>Frequency Band</b>	2.4000~2.4835GHz (Industrial Scientific Medical Band)
<b>Modulation</b>	OFDM with BPSK, QPSK, 16QAM, 64QAM (11g) BPSK, QPSK, CCK (11b)
<b>Antenna</b>	External Antenna
<b>Security</b>	64/128-bit WEP, WPA(TKIP with IEEE 802.1x), AES
<b>Transmit Power</b>	22 dBm± 1dBm
<b>Receiver Sensitivity</b>	54Mbps OFDM, 10%PER, -68dBm 11Mbps CCK, 8%PER, -86dBm 1Mbps BPSK, 8%PER, -92dBm
<b>Cannel</b>	USA 11, Europe 13, Japan 14
<b>Data Rate</b>	<b>802.11b:</b> 1, 2, 5.5 and 11Mbps <b>802.11g:</b> 6, 9, 12, 18, 24, 36, 48, and 54Mbps
<b>Operating Temperature</b>	0- 40 0C (32 – 104 0C)
<b>Operating Humidity</b>	10% ~ 90% (non-condensing)