



A-LINK[®]

WNH

11n WLAN PCI ADAPTER

A-LINK WNH 802.11n / g / b wireless PCI adapter. Boost your wireless network to work up to 300Mb. Easy to install and use. Support WEP-, WPA-, and WPA2 -security. Get the latest wireless technology from A-LINK.

Product specification :

• Wireless Standards :

IEEE 802.11n / 300Mb
IEEE 802.11g / 54Mb
IEEE 802.11b / 11Mb

• Other Standards :

IEEE 802.11e (WMM)
IEEE 802.11i
IEEE 802.11d
IEEE 802.1x (Radius)
IEEE 802.11h
IEEE 802.11k

• Spread spectrum :

DSSS
OFDM

• Modulation schemes :

BPSK, QPSK, 16QAM, 64QAM, 256QAM,
DBPSK, DQPSK and CCK

• Frequency band :

2.4 GHz ISM Band

• Interface :

PCI rev. 2.3

• Wireless data rate :

up to 300Mb at 40MHz channel
up to 150Mb at 20MHz channel
1x2 MIMO technology

• Range :

Open environment: up to 280 meters
Office environment: up to 100 meters

• Operating channels :

1 - 11 United States (FCC)
1 - 11 Canada (IC)
1 - 13/14 Japan (Telec)
10 - 13 France (ETSI)
10 - 11 Spain (ETSI)
1 - 13 Europe (except Spain and France) (ETSI)

• Network architecture types :

Ad-Hoc mode
Infrastructure mode

• Receiver sensitivity :

-64dBm @ 300 Mbps
-79dBm @ 54 Mbps
-80dBm @ 11 Mbps

• Antenna :

2 pcs external antenna (SMA)

• RF max. output power :

+17 dBm

• MAC protocol :

CSMA/CA

• LED indicators :

Link/Activity

• Security :

64-bit or 128-bit WEP encryption
WPA (TKIP/AES) encryption
WPA2 (TKIP/AES) encryption
Radius (802.1x)
WPS (Wi-Fi protection setup)
PBC (push button configuration)

• 802.1x Security :

EAP -types:
- GTC, TLS, LEAP,
- TTLS (CHAP, MSCHAP, MSCHAP-V2, PAP)
- PEAP (MDS, GTC, TLS, MSCHAP-V2)

• Network protocol :

Static IP, DHCP client

• Operating systems :

XP / Vista / 7 / Linux

• Compliance :

CE, FCC, RoHS

• A-LINK Retail package contains :

- WLAN PCI adapter
- 2pcs Antenna (SMA)
- Software CD
- Installation guides

• EAN / Order code :

- 64189 4902 2184

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