



Atlantis



300 | Mbps
di throughput



Wireless N
300Mbps



PCI
Express



Linux

PCI EXPRESS CARD

Wireless N 300Mbps

NetFly PCIe1 WN



Compliance with IEEE 802.11n specifications.
Delivers up to 10x faster speeds and 3x farther
range than 802.11g

Windows® XP/2K/Vista/7
and Linux operating system

Strong network security with WEP
and WPA/WPA2 support

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NetFly PCIe1 WN

The NetFly is a high-efficiency wireless LAN Card for wireless networking at home, in office or in public places. With the Adapter, you can roam between conference room and office without being disconnected the LAN cables; in addition, sharing files and printers can be easy tasks.

The NetFly is available to Microsoft Windows operating systems (Windows® XP/2000/VISTA/7, Linux) and can be integrated into networking with either Ad-hoc mode (computer-to-computer, without an Access Point), Infrastructure mode (computer-to-access point, an Access Point is required).

The device offers quick and easy access among wired network and wireless network. The NetFly also supports WPA/WPA2 security, it increases the level of data protection and access control for Wireless LAN.

MIMO radio technology (available only on 300Mbps devices) and multiple Antennas provide extended coverage and low throughput fluctuations.

PCI Express technology offers several advantages over the common PCI interface, such as a higher speeds between the adapter's board and the host computer and in addition has lower power requirements.

Technical Specifications

Code
A02-PCIE1-W300N

Standards
IEEE 802.11b/g/n

Chipset
Realtek® 8192SE

Interface
PCI-E (x1 PCI Express Slot)

LED
2 (Link, ACT)

WPS
Yes (Software)*

Antenna
2*2dBi dipole antennas with R-SMA connector

Frequency Band
2412 ~ 2472 MHz

Radio Technology

- IEEE 802.11g/n: Orthogonal Frequency Division Multiplexing (OFDM)
- IEEE 802.11b: Direct Sequence Spread Spectrum (DSSS)

Modulations Scheme
DBPSK/DQPSK/CCK/OFDM

Media Access Protocol
CSMA/CA with ACK

Transmission Rate
Up to 300Mbps (auto-sense with auto fallback)

Security
64/128-bit WEP, WPA-PSK, WPA2-PSK

Transmitting Power
802.11b/g/n: up to 15 ± 1 dBm

Receiver Sensitivity

- 802.11b (11Mbps): -85dBm @8% PER
- 802.11g (54Mbps): -74dBm @10% PER
- 802.11n (150Mbps): -65dBm @10% PER
- 802.11n (300Mbps): -65dBm @10% PER

Number of Operational Channel
Europe (13)

Range Coverage

- Indoor: up to 100 meters
- Outdoor: up to 300 meters

Supported OS

- MS Windows® VISTA (32/64-bit)
- MS Windows® XP (32/64-bit)
- MS Windows® 2000 (SP4 required)
- MS Windows® 7 (32/64-bit)
- Linux Kernel 2.6.18

Certifications CE
(Europe)

Dimensions(mm)
70 x 58 x 2 (PCB)

Temperature Range
Operation: 0°C ~ 40°C
Storage: -10°C ~ 60°C

Humidity
10% ~ 75% (non Condensing)

Continuous Current Consumption
220mA (Tx), 380mA (Rx)

System Requirements

- Desktop computer with an available 64-bit PCI Express slot
 - Intel® Pentium®III 600Mhz or compatible processor with 512MB RAM
 - Windows® 2000/XP/Vista/7 or Linux operating system
 - Minimum 45 Mbytes free disk space for installing the driver and utilities
 - CD-Rom drive
- Package Contents**
- NetFly PCIE Wireless Card
 - 2*2 dBi Antennas
 - Quick Start Guide (English, French and Italian)
 - CD-Rom with Utility, Driver and Manual (English, French and Italian)
 - 1 x Warranty Card and 1 x WEEE Card

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*available only with Realtek Utility.



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Code: **A02-PCIE1-W300N**

EAN: **8026974010236**

Package Contents: NetFly PCIE Wireless Card, 2*2 dBi Antennas, Quick Start Guide (English, French and Italian), CD-Rom with Utility, Driver and Manual (English, French and Italian), 1 x Warranty Card and 1 x WEEE Card



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