



A02-PCI-W54M

NetFly PCI-54M Wireless MIMO PCI Card

- MIMO XR™ Wireless -backward compatible with the IEEE802.11g/b standard.
- MIMO XR™ and its 3 removable antennas (R-SMA) provide extended coverage and low throughput fluctuations
- Access Point Mode
- Strong network security with WEP and WPA/WPA2 support
- Ease of installation

Equipped with MIMO XR™ technology and 3 Reverse-SMA 2 dBi antennas, it provides extended coverage and low throughput fluctuations. Furthermore, its Packet-Overdrive™ technology allows for High Definition (HD) Video Streaming thanks to its high data throughput.

In Access Point Mode – only under Windows® XP - the device allows to interface your wired and wireless network or even create a wireless network very inexpensively.

Its hardware based features - which allow it to operate without any degradation in performance - support the latest security standards, such as Wi-Fi Protected Access (WPA/WPA2) and the IEEE802.11i.

- With this protection your wireless transmission will finally become hacker proof.



NetFly



NetFly PCI-54M Wireless MIMO PCI Card

TECHNICAL FEATURES

Physical Interface

Host Interface: 32 bit PCI 2.1/2.2 (Bus Master)

Operation Voltage: 3.3V

LEDs: Link status, PWR

Wireless Interface:

Chipset: Ralink RT2661T®

Antenna: 3*2 dBi Dipole antenna (reverse SMA)

Security:

WEP encryption (64-bit/128-bit)

WPA-PSK and WPA2-PSK

WPA and WPA2

Radio Specifications:

Frequency Range: 2.412 ~ 2.497Ghz

Standard Compliance: 802.11b, 802.11g

Modulation: 802.11g: OFDM / 802.11b: CCK(11Mbps) / DQPSK(2Mbps) / DBPSK(1Mbps)

Operating Channel: US/Canada: 11 (1~11)/ Europe: 13 (1~13) / France: 4 (10~13)

Transmission Rate:

802.11b: 1, 2, 5.5, 11Mbps

802.11g: 6, 9, 12, 18, 24, 36, 48, 54Mbps

Operation Range: [Indoor: < 35 m / Outdoor: < 120 m]

RF max. output power: 13dBm @ 802.11g mode, 15dBm @ 802.11b mode

Receiver Sensivity(802.11g mode): -79 dBm (typically)*

Receiver Sensivity(802.11b mode): -90 dBm (typically)**

Access Mode: Ad-Hoc and Infrastructure mode

Advanced Wireless Features

Quality of Service (QoS) [802.11e, WMM]

Advanced Dual-Channel Receiver for MIMO XR™ Support

Range-OVERDRIVE™ Technology provides extended coverage and low throughput fluctuations

Packet-OVERDRIVE™ Technology offers an high throughput for HD Video Streaming

3 X 2 dBi dBbi external Antennas (R-SMA)

Access Point Mode (Windows XP)

Package Contents

One Wireless MIMO PCI Card

3 external 2 dBi antenna

One Quick Start Guide

One CD with driver/utilities and user's manual

System Requirements

Desktop PC with available PCI2.1/2.2 slot

Intel® Pentium®III 600Mhz or compatible processor with 128MB RAM

Windows 98SE/ME/2000/XP or Linux operating system

Minimum 15 Mbytes free disk space for installing the driver and utilities

CDRom drive

Physical and Environmental:

Storage Temperature: -10~65°C

Operating Temperature: 0~40°C

Humidity: 10% - 95% RH, no condensation

Dimensions: 120 x 70 mm (without Antennas)

Continuous Current Consumption: 360 mA (Rx), 362 mA (Tx)

Certifications:

CE (Europe)

WHQL Windows 2000, XP

*10% PER(Packet Error Rate)

** 8% PER(Packet Error Rate)

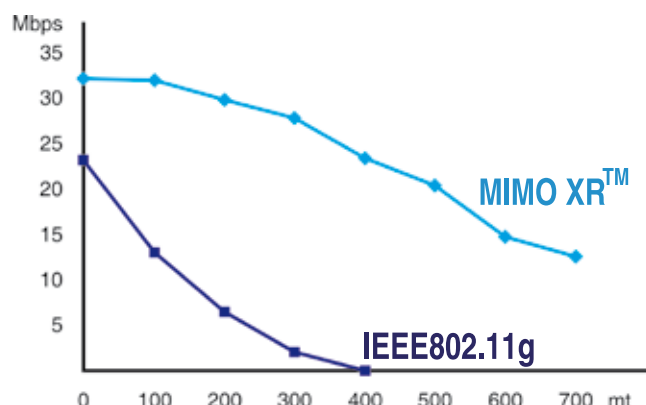
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Specifications are subjected to change without prior notice. No liability for technical errors and/or omissions

Performance and Throughput are influenced by many factors (interference, noise, environments)



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