

PCI555WG2

Instruction Manual

PCI Wireless Network Adapter

PCI to 802.11g Wireless Network
Adapter Card with Antenna

StarTech.com 
Making hard-to-find easy![®]

FCC Compliance Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Use of Trademarks, Registered Trademarks, and other Protected Names and Symbols

This manual may make reference to trademarks, registered trademarks, and other protected names and/or symbols of third-party companies not related in any way to StarTech.com. Where they occur these references are for illustrative purposes only and do not represent an endorsement of a product or service by StarTech.com, or an endorsement of the product(s) to which this manual applies by the third-party company in question. Regardless of any direct acknowledgement elsewhere in the body of this document, StarTech.com hereby acknowledges that all trademarks, registered trademarks, service marks, and other protected names and/or symbols contained in this manual and related documents are the property of their respective holders.

Table of Contents

Introduction	1
Packaging Contents.....	1
System Requirements	1
Installation	2
Hardware Installation.....	2
Driver Installation.....	3
Specifications	4
Technical Support	5
Warranty Information	5

Introduction

The StarTech.com Wireless Network Adapter Card is a reliable network adapter, supporting the 802.11g standard for data transfer rates of up to 54Mbps. A versatile solution, this desktop Wireless-G network adapter card is backward compatible with 802.11b and 802.11a networks, and supports a broad range of encryption standards to help ensure a secured wireless connection.

Packaging Contents

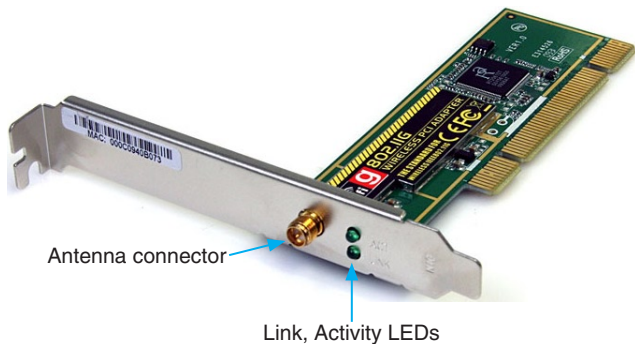
- 1 x PCI555WG2 adapter card
- 1 x Wireless Antenna
- 1 x Corded Wireless Desktop Antenna - 3ft cord
- 1 x Low Profile bracket
- 1 x Driver Installation CD
- 1 x Instruction Manual

System Requirements

- PCI enabled computer system with available slot
- Microsoft® Windows® 2000/XP/Vista/Server 2008 R2/7 (32/64-bit), or Linux®

Installation

WARNING! PCI cards, like all computer equipment, can be severely damaged by static electricity. Be sure that you are properly grounded before opening your computer case or touching your PCI card. StarTech.com recommends that you wear an anti-static strap when installing any computer component. If an anti-static strap is unavailable, discharge yourself of any static electricity build-up by touching a large grounded metal surface (such as the computer case) for several seconds. Also be careful to handle the PCI card by its edges and not the gold connectors.



Hardware Installation

1. Turn your computer off and any peripherals connected to the computer (i.e. Printers, external hard drives, etc.). Unplug the power cable from the rear of the power supply on the back of the computer and disconnect all peripheral devices.

2. Remove the cover from the computer case. Refer to documentation for your computer system for details.
3. Locate an open PCI or PCI-X slot and remove the metal cover plate on the rear of the computer case.
4. Insert the card into the open PCI or PCI-X slot and fasten the card's bracket to the rear of the case.
5. Place the cover back onto the computer case.
6. Insert the power cable into the socket on the power supply and reconnect all other connectors removed in Step 1.

Driver Installation

Once the computer has started and the operating system is fully loaded, insert the provided Driver CD into the computer's CD/DVD drive.

Autorun should start the installation program, so follow the instructions onscreen to complete the driver installation.

If Autorun does not start, Go into "My Computer" and access the CD/DVD drive that the CD is in, and run the "setup.exe" file located on the CD. Follow the onscreen instructions to complete the driver installation.

If using Windows XP, the installation will provide to option to use the Ralink Wireless Configuration utility or use the built-in Windows XP Wireless Zero Configuration utility. In Vista or 7, the Ralink utility is not available.

Specifications

Bus Interface	PCI revision 2.2 (3.3/5V slot connector)
Chipset ID	Ralink RT2561ST
Connectors	1 x RP-SMA female
LEDs	1 x Link 1 x Activity
Form Factor	Full/Low profile
Supported Standards	IEEE 802.11g, IEEE 802.11b, IEEE 802.11a
Maximum Data Transfer Rate	802.11g: 54Mbps
Operating Temperature	0°C ~ 40°C (32°F ~ 104°F)
Storage Temperature	-40°C ~ 70°C (-40°F ~ 158°F)
Humidity	5 ~ 90% RH
Dimensions	120.0mm x 40.0mm x 12.0mm
Weight	54.75g
Compatible Operating Systems	Windows 2000/XP/Vista/Server 2008 R2/7 (32/64-bit), Linux

Technical Support

StarTech.com's lifetime technical support is an integral part of our commitment to provide industry-leading solutions. If you ever need help with your product, visit www.startech.com/support and access our comprehensive selection of online tools, documentation, and downloads.

Warranty Information

This product is backed by a lifetime warranty.

In addition, StarTech.com warrants its products against defects in materials and workmanship for the periods noted, following the initial date of purchase. During this period, the products may be returned for repair, or replacement with equivalent products at our discretion. The warranty covers parts and labor costs only. StarTech.com does not warrant its products from defects or damages arising from misuse, abuse, alteration, or normal wear and tear.

Limitation of Liability

In no event shall the liability of StarTech.com Ltd. and StarTech.com USA LLP (or their officers, directors, employees or agents) for any damages (whether direct or indirect, special, punitive, incidental, consequential, or otherwise), loss of profits, loss of business, or any pecuniary loss, arising out of or related to the use of the product exceed the actual price paid for the product. Some states do not allow the exclusion or limitation of incidental or consequential damages. If such laws apply, the limitations or exclusions contained in this statement may not apply to you.



StarTech.com has been making “hard-to-find easy” since 1985, providing high quality solutions to a diverse IT and A/V customer base that spans many channels, including government, education and industrial facilities to name just a few. We offer an unmatched selection of computer parts, cables, A/V products, KVM and Server Management solutions, serving a worldwide market through our locations in the United States, Canada, the United Kingdom and Taiwan.

Visit **www.startech.com** today for complete information about all our products and to access exclusive interactive tools such as the Cable Finder, Parts Finder and the KVM Reference Guide.