

ALL0282 IEEE 802.11b/g Wireless Cardbus Card

Quick Installation Guide



Contents of Package:

- 2.4 GHz IEEE 802.11b/g Cardbus Wireless Network Adapter
- Manual and Drivers/Utility on CD

Note: If any of the above items are missing, please contact your reseller.

System Requirements:

- A laptop computer with an available 32-bit Cardbus slot
- Windows XP, Windows 2000, Windows ME, or Windows 98SE
- At least 32 MB of memory and a 300 MHz processor or higher
- An 802.11b/g Access Point for (**Infrastructure Mode**) or another computer with an 802.11b/g wireless card installed (for **Ad-Hoc Mode**)

Introduction

The 802.11b/g Wireless Cardbus Card is an advanced IEEE 802.11b/g compatible, high performance, wireless card that supports data transfer speeds of up to 54 Mbps in 802.11g mode.

The 802.11b/g Wireless Cardbus Card comes with software drivers for the most popular Microsoft Windows operating systems and can be integrated into a larger network, running Windows XP, Windows 2000, Windows ME, Windows 98SE, in either Ad Hoc mode (without an Access Point) or Infrastructure mode (with an Access Point).

This manual provides a quick introduction to wireless technology and its application as it relates to networking. Take a moment to read through this manual and get acquainted with wireless technology.

Product Features

- Compatible with IEEE 802.11b standard to provide wireless Ethernet data rates of up to11Mbps data rate
- Compatible with IEEE 802.11g high rate standard to provide wireless 54Mbps data rate
- Operation at dual 2.4 GHz frequency bands to meet worldwide regulations
- Dynamic date rate scaling at 1, 2, 5.5, and 11Mbps for IEEE 802.11b
- Dynamic date rate scaling at 6, 9, 12, 18, 24, 36, 48, 54Mbps for IEEE 802.11g
- Maximum reliability, throughput and connectivity with automatic data rate switching
- Supports wireless data encryption with 64/128/152-bit WEP for security
- Supports infrastructure networks via Access Point and ad-hoc network via peer-to-peer communication
- Built-in dual diversity antenna for reduction of interference in a multi-path

environment

- Supports AES enhanced security
- Supports DFS/TPC for European operation
- Supports CardBus (32-bit) Type II PC Card
- User-friendly configuration and diagnostic utilities
- Driver support for Windows 98SE, ME, 2000, and XP

LEDS

LED stands for Light-Emitting Diode. The 802.11b/g Wireless Cardbus Card has two LEDs: POWER and ACTIVITY.





Network Mode	LED Activity
Network Activity	Both LEDs flash in unison
Searching for a Network Connection	Both LEDs flash alternately
Associated with the Network, but No Activity	Both LEDs flicker dimly
Power Save Mode (Power-up or Reset)	POWER LED – slow rate blink
Card is disabled	Only the POWER LED flashes

Installing the 802.11b/g Wireless Cardbus Card 1.Installing The Configuration Utility

Look for the file named "Setup.exe" on the installation CD-ROM. Double-click on it to start the installation for the configuration utility.



• This screen appears.



InstallShield Wizard		×
	Welcome to the InstallShield Wizard for ALLNET IEEE 802.11g Wireless Utility	
	The InstallShield® Wizard will install ALLNET IEEE 802.11g Wireless Utility on your computer. To continue, click Next.	
	< Back Next > Cancel	

To install to the folder C:\Program Files\WLAN\ Utility click *Next*. Otherwise click on *Browse* to choose an alternate location.

InstallShield Wizard	×
Choose Destination Location Select folder where Setup will install files.	
Setup will install ALLNET IEEE 802.11g Wirele:	s Utility in the following folder.
To install to this folder, click Next. To install to a another folder.	different folder, click Browse and select
Destination Folder C:\Program Files\ALLNET\ InstallShield	Browse < Back Next > Cancel

• Click *Next* to proceed with the utility installation.

• The *Select Program Folder* will then appear. You may add a new folder you wish to contain a start up icon or choose one from the list provided. Click *Next* to proceed.

InstallShield Wizard	×I
Select Program Folder Please select a program folder.	
Setup will add program icons to the Program Folder listed below. You may type a new folder name, or select one from the existing folders list. Click Next to continue.	
Program Folders:	
ALLNET IEEE 802.11g Wireless Utility	
Existing Folders:	
Accessories Startup	
InstallShield Kext > Cancel	_

• The Setup Status screen will appear to inform you that the installation is in process, as seen below. This same screen will then alert you that all backup files have been removed.

InstallShield Wizard
Setup Status
ALLNET IEEE 802.11g Wireless Utility Setup is performing the requested operations.
10.0%
100%
InstallShield
Cancel

• After WLAN Utility has been successfully installed, InstallShield Wizard will prompt you to restart your computer. Select "Yes, I want to restart my computer now," and click on *Finish*.

InstallShield Wizard	
	 InstallShield Wizard Complete The InstallShield Wizard has successfully installed ALLNET IEEE 802.11g Wireless Utility. Before you can use the program, you must restart your computer. Yes, I want to restart my computer now. No, I will restart my computer later. Remove any disks from their drives, and then click Finish to complete setup.
< Back. Finish Cancel	

2.Installing The Driver

- Turn on the computer
- Insert The 802.11b/g Wireless
 Cardbus Card into an available
 32-bit Cardbus slot.



Installing the software involves two steps. The first is to install the Driver and the second is to install the Configuration Utility.

• When the 802.11b/g Wireless Cardbus Card has been inserted into a 32-bit Cardbus slot, the Found New Hardware screen appears.

Found New Hardware	
HE	Ethernet Controller
Please v	vait

• Continue with the installation and the screen below may appear. Click on **Next** to proceed with the installation.

Found New Hardware Wizard
Locate Driver Files Where do you want Windows to search for driver files?
Search for driver files for the following hardware device:
The wizard searches for suitable drivers in its driver database on your computer and in any of the following optional search locations that you specify. To start the search, click Next. If you are searching on a floppy disk or CD-ROM drive, insert the formulation of CD before clicking Next.
Optional search locations: Floppy disk drives CD-ROM drives
✓ Specify a location ✓ <u>M</u> icrosoft Windows Update
< <u>B</u> ack <u>N</u> ext > Cancel

• Insert the Driver CD into the CD-ROM drive. If you have not inserted the Driver CD into the CD-Rom a prompt such as the one below will appear. Click **OK**.

Found Nev	w Hardware Wizard	×
4	Insert the manufacturer's installation disk into the drive selected, and then click OK.	OK Cancel
	Copy manufacturer's files from:	Browse

• Then, the installation will continue with the following screen and come to completion.



Found New Hardware Wizard
Driver Files Search Results The wizard has finished searching for driver files for your hardware device.
Please wait while the wizard searches for driver files for the following hardware device:
Search location:
C:\WINNT\Driver Cache; C:\WINNT\inf
(<u>≺Back</u>) <u>N</u> ext> Cancel

