

Quick Installation Guide

802.11g Wireless Cardbus Adapter

Model # AWLC3028

Rev.1.2 Windows Vista Users: After turning on the computer, Windows will install its built in driver for this card. A popup window will appear telling you that the driver was installed correctly.



Once you see this message, insert the installation CD and continue to Step 1.



Package Content:

- Wireless Cardbus Adapter
- Driver & Utility CD
- Quick Installation Guide

Section 1

Install Utility Software

This Quick Installation Guide only provides the basic instructions. For more advanced features such as configuring encryption settings, please refer to the User's Manual on the provided CD.

Note: Be sure to power off your computer before inserting the Cardbus adapter.

Insert the Cardbus adapter into an available Cardbus slot and turn on your computer.

Windows 2000/XP Users: After turning on the computer, Windows will launch the **Found New Hardware Wizard**. The Found New Hardware Wizard appears differently depending on your operating system. Click **Cancel** to quit the wizard and insert the Installation CD into your CD drive Skip ahead to **Step 1**.

Step 1 The Autorun screen will pop up. Select Install Driver and Utility from the menu.

Install Utilit	y and Driver		
View User I	lanual		
View Quick	Installation Guid	le	
Install Adol	e [®] Acrobat		

Note: If the Autorun screen doesn't appear automatically go to **Start**, **Run**, and type **D:\Utility\Setup.exe** (where **D** is the letter of your CD drive) and click **OK**.

Windows Vista Users: At this point, you may get a warning message like the one below. Make sure that you click "Allow" to continue with the installation.



Step 2 Click Next at the welcome screen.



Windows 2000/XP Users: Click Continue Anyway at the Windows Logo Screen. (For Windows 2000, click Yes at the Digital Signature Not Found prompt).

Hardwa	re Installation
1	The software you are installing for this hardware: Airlink101 802.11g Wireless Cardbus/PCI Adapter has not passed Windows Logo testing to verify its compatibility with Windows XP. (Tell me why this testing is important.) Continuing your installation of this software may impair or destabilize the correct operation of your system either immediately or in the future. Microsoft strongly recommends that you stop this installation now and contact the hardware vendor for software that has passed Windows Logo testing.
	Continue Anyway

Windows Vista Users: When the Windows Security box appears, click Install this driver software anyway.



Step 3 Click Finish to complete the installation.



Section 2

Configuring the Wireless Adapter

Windows Vista Users: For instructios on using Windows Vista's built in utility, please skip ahead.

Windows XP Users:

You must disable the Wireless Zero Configuration Utility. Please follow the steps below to disable XP's wireless utility.

Double-click on the **Wireless Network Connection Icon** in the system tray and then click on **Properties** or **Advanced**.



When the new wireless network connection properties window appears, go to the **Wireless Networks** tab, uncheck the **Use Windows to configure my wireless network settings** check box and click **OK**.

neral	wireless Ne	tworks	Advanced	i)	
]Use∖	Vindows to	configur	re my wirele	ss netwo	rk settings
Ausilak	le netwerke				
To cor	nect to an a	available	e network, d	lick Con	figure.
i w	ireless			~	Configure
1	BAP				Befresh
XO	stault				Lindicari
Preferr	ed networks				
Preferr Autom below:	ed networks atically conn	ect to a	available net	works in	the order listed
Preferr Autom below:	ed networks atically conn	ect to a	available net	works in	the order listed
Preferr Autom below:	ed networks atically conn	ect to a	available net	works in	the order listed Move up Move down
Preferm Autom- below:	ed networks atically conr	ect to a	ovailable net	works in	the order listed Move up Move down

To open the utility, double click on the Wireless Configuration Utility icon in the system tray at the bottom right-hand corner of your screen.



Go to the **Available Network** tab, select the **SSID** (Network Name) of the wireless network you wish to connect to, and click **Add to Profile**.

🛃 Airlink101 Cardbus/PCI Wireless C	onfiguration Utility	
Set Wizard(<u>S</u>) About(<u>A</u>)		
General Profile Available Network Advan	ced Status Statistics Wi-Fi Protect Set	
Available Network(s)		
SSID Channel	Encryption Network Authentication	ę
i trigger 1	WEP Unknown	
6	TKIP WPA Pre-Shared Key	
2WIRE994 6	WEP Unknown	
A autonetCC 6	None Unknown	
default 690 6	TVID W/DA2 Dro-Shared Key	1
a deladitoco o	TRIP WEAZ FIE-Shaled Key	-
<		>
Refresh	Add to Profile	
Note		
Double click on item to join/create	e profile.	
Show Tray Icon	Disable Adapter	
Radio Off	🔲 Windows Zero Config	
Ready		NUM

If the network you are attempting to connect to does not have encryption enabled, you will recieve a warning about connecting to an unsecured network. Click OK to complete the connection.

Windows Vista Users: To connect to a network using the Windows Vista utility, right click on the networking icon down in the bottom right hand corner.

If the network you are attempting to connect to is configured for encryption, the following window will appear:

Drafila Nama	ter en
Network Name(SSID):	
This is a computer-to-computer(ad hoc) network; wireless access points are not used.	
Channel: 1 (2412MHz)	BU2.1x contigure EAP TYPE :
Wireless network security	GTC 👻
This network requires a key for the following:	Tunnel :
Network Authentication: Open System	×
Data encryption: Disabled	Username :
ASCII PASSPHRASE	
	Identity :
Key index (advanced):	
Network key:	Password :
Confirm network key:	Certificate :

Enter the encryption settings for the network and click OK to complete the connection.

You should now be connected. Click on the general tab to check the status of your connection. It should say **Associated** next to status, and there should be green bars next to **Signal Strength** and **Link Quality**.

Airlink101 Cardbus/PCI Wireless Configuration Utility	
Set Wizard(5) About(A)	et
Status: Associated Throughput: Speed: 11 Mbps Type: Infratructure Encryption: None Tx:0.00%,Total:0.01% SSID: default	er
Signal Strength:	
Network Address:	
Mac Address: 00:40:F4:F8:56:BF IP Address: 192.168.1.106 Subnet Mask: 255.255.255.0	
Gateway: 192.168.1.1 ReNew IP	
Show Tray Icon	
Radio Off Windows Zero Config	J
Ready	NUM



Then click on **Connect to a network**.

Connect to a network	
Turn on activity animation Turn on notification of new networks	
Diagnose and repair Network and Sharing Center	
v 12 🖬 🤞	🕩 1:24 PM

Select your network from the list and click **Connect**.

i 🖓 😨	Conr	nect to a network		
Se	lect a	a network to connec	t to	
_	Sho	ow All	•	4 7
q	<u>.</u>	default680	Security-enabled network	llee
a	Y	trigger	Security-enabled network	llee.
q	S	default	Unsecured network	llte.
Set Op	up a c en Net	connection or network twork and Sharing Center		Connect

If the network you are connecting to does not have encryption enabled, you will see the following warning:



Click Connect Anyway to connect to the network.

If the network you are attempting to connect to has encryption enabled, a box will appear asking you to enter your encryption key.

Connect to a network
Type the network security key or passphrase for default680
The person who setup the network can give you the key or passphrase.
Security key or passphrase:
Display characters
If you have a <u>USB flash drive</u> with network settings for default680, insert it now.
Connect Cancel

Enter your encryption key into the box and click **Connect** to establish a connection. If you do not know what your encryption key is, contact your router manufacturer for assistance.

You should now be connected to your network.

Successfully connected	to default	
Save this network		
Start this connection a	utomatically	

To save the connection settings so that you don't have to go through the connection setup process each time you start your computer, check the boxes for **Save this network** and **Start this connection automatically**, then click **Close** to complete the setup.

Troubleshooting: If you are experiencing problems with the connection (unable to connect, low signal strength, slow connection speed, not working, unstable wireless connection) you will want to tune your router's signal by changing channels on the router.

You do not need to change the channel on the card, it will automatically pick up the new channel after you reboot. The only channel that you need to change is the router's channel.

Your router has 11 different channels to choose from. Start with channel 1 and work your way up. Each time you change the channel on the router, make sure that you restart the wireless computer before trying to connect again. Keep going through the channels until you find one that gives you a stable connection.

For instructions on changing channels, refer to the documentation that came with your router.

For instructions on configuring and connecting to a router with **Wi-Fi Protected Setup (WPS)**, Please refer to **Section 4.7** of the User Manual Located on the CD. The adapter can only use Wi-Fi Protected Setup with routers that support Wi-Fi Protected Setup.

Section 3

Technical Support

E-mail: support@airlink101.com

Toll Free: 1-888-746-3238

Web Site: www.airlink101.com

*Theoretical maximum wireless signal rate based on IEEE standard 802.11g specifications. Actual data throughput will vary. Network conditions and environmental factors, including volume of network traffic, building materials and construction, mix of wireless products used, radio frequency interference (e.g., cordless telephones and microwaves) as well as network overhead lower actual data throughput rate. Specifications are subject to change without notice. All products and trademarks are the property of their respective owners. Copyright ©2007 Airlink101®