



300N Draft 802.11n Wireless Cardbus Adapter

Model # AWLC6045

User's Manual

Rev. 1.0

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1. Introduction

Congratulations on your purchase of the 300N Draft 802.11n Wireless Cardbus Adapter. The 300N Cardbus Adapter provides wireless data rate of up to 300 Mbps* when used with other AirLink101[™] 300N wireless products. The high bandwidth combined with extended wireless coverage delivers fast and reliable connection for all of your networking applications.

A full range of security features such as WEP, WPA-PSK, and WPA2-PSK provide the highest level of wireless network security. The bundled Wireless Utility allows you to set up the adapter with an easy-to-use user interface. Best of all the 300N Cardbus Adapter works with 802.11g and 802.11b network devices ensuring compatibility with your existing wireless products.

1.1 Package Contents

Before you begin the installation, please check the items of your package. The package should include the following items:

- Cardbus Adapter
- Quick Installation Guide
- Installation CD (Driver/Utility/Manual)

1.2 Features

- Industry's highest wireless data rate of up to 300 Mbps* with IEEE 802.11n draft specification version 1.0.
- Wider coverage and continuous connectivity eliminates dead spots
- 64-bit/128-bit WEP encryption, Pre-shared Key (PSK), and Wi-Fi Protected Access (WPA2) and WPA support provide full protection for your wireless connection
- Higher data rate increases the reliability and stability of wireless connections
- Great for environments with higher wireless data traffic requirements
- Fully backward-compatible with 802.11b/g devices
- Works best with other AirLink101[™] 300N wireless products

2. Installation

2.1 Install Driver & Utility

This section provides instructions on how to install the **300N Draft 802.11n Wireless Cardbus Adapter**. The driver is installed along with the utility.

Note: Do not insert the Cardbus Adapter until you have reached the appointed step.

For Windows 98SE and ME users, you may be prompted to insert the Windows 98SE or ME CD during the driver installation. Be sure to have your Windows 98SE or ME CD ready.

Step 1 Insert the Installation CD into your CD drive and select **Install Driver and Utility** from the menu.



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**.

Step 2 Click Next at the welcome screen.



Step 3 Click Next to accept the default destination folder.

| InstallShield Wizard | |
|---|-----------------|
| Choose Destination Location | No. |
| Setup will install AirLink101 300N Wireless CardBus Adapter in the following fo | older. |
| To install to this folder, click Next. To install to a different folder, click Browse another folder. | and select |
| Destination Folder | |
| C:\Program Files\AirLink101\AWLC6045 | B <u>r</u> owse |
| InstallShield | Cancel |

Step 4 Click **Continue Anyway** at the Windows Logo Screen. (For Windows 2000, click **Yes** at the Digital Signature Not Found prompt).

Step 5 Verify **Yes, I want to restart my computer now** is selected and click **Finish** to restart your computer.

| InstallShield Wizard | |
|----------------------|---|
| | InstallShield Wizard Complete The InstallShield Wizard has successfully installed AirLink101 300N Wireless CardBus Adapter. 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 |

Step 6 After your computer is restarted, insert the Cardbus Adapter.

Step 7 Select Install the software automatically and click Next.



For Windows 98SE and ME, select **Search for the best driver for your device** and click **Next**. Verify all the check boxes are checked and click **Next**.

Step 8 Click **Continue Anyway** at the Windows Logo Screen. (For Windows 2000, click **Yes** at the Digital Signature Not Found prompt).

| Hardwar | e Installation |
|---------|---|
| ♪ | The software you are installing for this hardware: AirLink101 300N Wireless CardBus 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 STOP Installation |

Step 9 Click Finish. (Restart the computer for Windows 98SE and ME).



2.2 Verify Driver Installation

To verify if the driver has been installed successfully, please perform the following steps.

Step 1 Right-click on My Computer from your desktop and select Properties.

Step 2 Select the **Device Manager** tab. (For Windows 2000/XP, select the **Hardware tab** first then click on **Device Manager**).

| System Properties |
|--|
| System Restore Automatic Updates Remote General Computer Name Hardware Advanced |
| Device Manager The Device Manager lists all the hardware devices installed on your computer. Use the Device Manager to change the properties of any device. Device Manager |
| Drivers Driver Signing lets you make sure that installed drivers are compatible with Windows. Windows Update lets you set up how Windows connects to Windows Update for drivers. Driver Signing Windows Update |
| Hardware Profiles Hardware profiles provide a way for you to set up and store different hardware configurations. |
| OK Cancel Apply |

Step 3 Expand **Network adapters** from the list and verify that **AirLink101 300N Wireless Cardbus Adapter** is listed and no yellow question mark is beside it.

| La Device Manager | |
|--|--|
| <u>File Action View H</u> elp | |
| | |
| PHOEBE-N2K8BHV0 | |
| E → Disk drives | |
| 庄 🧝 📴 Display adapters | |
| 🗄 🥝 DVD/CD-ROM drives | |
| 🗈 🗃 Floppy disk controllers | |
| 🗈 🤳 Floppy disk drives | |
| 🗈 🚍 IDE ATA/ATAPI controllers | |
| 🕀 🦢 Keyboards | |
| Mice and other pointing devices | |
| 🗄 📲 Monitors | |
| | |
| AirLink101 300N Wireless CardBus Adapter | |
| VIA VT6105 Rhine III Fast Ethernet Adapter | |
| ⊕- | |
| | |
| | |
| | |
| E Q System devices | |
| E 🙀 Universal Serial Bus controllers | |
| | |

If **AirLink101 300N Wireless Cardbus Adapter** is not listed, or you see a yellow question mark beside it, please re-install the driver again.

3. Configure the Cardbus Adapter

This section describes how to connect your **300N Wireless Cardbus Adapter** to a wireless network.

Note to Windows XP Users:

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

Step 1 Double-click on the **Wireless Network Connection Icon** in the system tray and then click on **Properties** or **Advanced**.



Step 2 Go to the **Wireless Networks** tab, uncheck the **"Use Windows to configure my wireless network settings"** check box and click **OK**.

| | ireless Network Connect | ion 12 Pro | perties 🤶 |
|-----|---|-----------------|----------------------|
| Ger | neral Wireless Networks Adv | anced | |
| | Use Windows to configure my | wireless netwo | ork settings |
| | Available networks: | | |
| Т | To connect to an available netw | vork, click Cor | nfigure. |
| 21 | 👗 wireless | ^ | Configure |
| | ∦ 108AP ♀ default | ~ | Refresh |
| | • | | |
| _ | | | |
| d | Preferred networks: | | |
| | Preferred networks: Automatically connect to availab below: | ole networks ir | the order listed |
| | Automatically connect to availab | ble networks ir | n the order listed |
| | Automatically connect to availab | ole networks ir | |
| | Automatically connect to availab | ole networks ir | Move up Move down |

To open the Cardbus Adapter's utility go to **Start > (All) Programs > AirLink101 300N Wireless Cardbus Adapter > AirLink101 300N Wireless Cardbus Adapter**

| | 2 | Programs | | Accessories | • | 1 | |
|--------------|--------------|-------------------|---|--|---|---|--|
| | Programs | | 6 | AirLink101 300N Wireless CardBus Adapter | • | | AirLink101 300N Wireless CardBus Adapter |
| | Ì | Documents | • | | | ₽ | Uninstall |
| onal | <u>v</u> - | Settings | · | | | | |
| Professional | \mathbf{P} | Search | · | | | | |
| Prof | ? | Help and Support | | | | | |
| XP | | Run | | | | | |
| lindows XP | P | Log Off Phoebe | | | | | |
| W | 0 | Turn Off Computer | | | | | |

Step 1 Go to the **AP List** tab, select the **SSID** (Network Name) of the wireless network you wish to connect to, and click **Connect**.

| Link Information AP List | Profile Setting About | ⊠ Wireless Monitor |
|--------------------------|--|------------------------------|
| Network Name Band Signal | ⊂ Site Information Network Type : Access Point Channel : 6 Encryption : Off Surveyed at : 00:14:6C:DF:F3:D6 | |
| | | |

Step 2 If encryption is not enabled for the selected access point / router, skip to step 6. Otherwise, enter a **Profile Name** for your wireless setting and click **Next**.

| Antra Wir | eless Monit | or | \times |
|-----------|--------------------|------|----------|
| F | Profile Setting | | |
| Profile | Name : default | | |
| | | | 1 |
| | | | |
| | | | |
| | | | |
| | | | _ |
| | | | _ |
| | | | |
| Back | Next | Exit | |
| Back | Next | Exit | |

Step 3 Verify that the **Network Name** matches the **SSID** of your wireless network and click **Next**.

| Wireless | s Monitor | \times |
|-----------------|--------------------|----------|
| Profile S | Setting | |
| Network Name : | default | |
| Network Type : | 🗼 Access Point 📃 💌 | |
| Transfer Rate : | Automatic 🔹 | |
| | | |
| | | |
| | | |
| | | |
| | | |
| ack N | ext Exit | |

Step 4 The utility will detect the encryption settings of your wireless router or access point and show it in the boxes below automatically. If you do not have any encryption settings, you will not see this window. After selecting the proper encryption settings from the drop-down menu, click **Next**.

| | Wireless | Monitor | \times |
|--|-----------------------|---------------|----------|
| | Profile S | Getting | |
| | Authentication Mode : | 🔒 WPA-PSK 📃 💌 | |
| | Input Method : | 🔒 TKIP 🔽 | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | Back No | ext Exit | |

Step 5 Follow the on-screen instructions to complete the encryption settings. Click **Complete** when finished.

Step 6 You should see a blue circle around the antenna icon indicating a valid connection.



Step 7 Go to the **Link Information** tab and click on the **More** button.



Step 8 Verify that you are receiving adequate Signal Strength and Link Quality and that you have been assigned a valid IP address (instead of all 0's).

| | s Monitor |
|--|---|
| Wireless Information | |
| Connect To Network : | default [00:14:A5:00:9A:1A] |
| Network Type : | Access Point |
| Channel : | 6 |
| Encryption : | Off |
| Link Speed : | 300 Mbits / sec |
| Signal Strength | Link Quality |
| | |
| | |
| - IP Information | Automatic/DHCP |
| DHCP Status : | Automatic/DHCP 192.168.1.115 |
| DHCP Status : Current IP : | |
| DHCP Status : Current IP : | 192.168.1.115 255.255.255.0 |
| DHCP Status : Current IP : Subnet Mask : | 192.168.1.115 255.255.255.0 192.168.1.1 |

If you do not have adequate Signal Strength, try re-orienting the Access Point and/or the Cardbus Adapter to get a better reception.

4. Configure the Wireless Utility

This section describes the various functions of the Wireless Utility that you can configure, including the settings of wireless encryption.

4.1 Link Information

The **Link Information** tab shows the current profile in use as well as details of the current network connection.

| Link Information AP List | Profile Setting | About | Wireless Monitor |
|--|-----------------|-------|------------------|
| Current Profile String : <table-cell></table-cell> | default | Tore | |

Click on the **More** button to see the details of the current network connection.

| Ana Wireless | s Monitor | \times |
|------------------------|-------------------------------|----------|
| _ Wireless Information | | |
| Connect To Network : | default [00:14:A5:00:9A:1A] | |
| Network Type : | Access Point | |
| Channel : | 6 | |
| Encryption : | Off | |
| Link Speed : | 300 Mbits / sec | |
| Signal Strength | Link Quality | |
| | | ווכ |
| - IP Information | | |
| DHCP Status : | Automatic/DHCP | |
| Current IP : | 192.168.1.115 | |
| Subnet Mask : | 255.255.255.0 | |
| Default Gateway : | 192.168.1.1 | |
| DNS Server : | 192.168.1.1 | |
| | Back | 5 |

The Wireless Information displays the current wireless network you are connected to as well as various other statuses such as the Signal Strength and your assigned IP address.

4.2 AP List

The **AP List** tab displays all the available Access Points detected by the Cardbus Adapter. Simply select the desired Access Point you wish to connect to and click **Connect**.

| | | X |
|--|--|------------------|
| Link Information AP List | Profile Setting About | Wireless Monitor |
| Network Name Band Signal default N 100% | Site Information Network Type : Access Point Channel : 6 Encryption : Off Surveyed at : 00:14:6C:DF:F3:D6 | |
| Connect Refresh | | |

The **Site Information** displays a list of status for the selected AP, including the Channel number and the Encryption status.

4.3 Configure Encryption Settings

This section describes how to configure encryption settings for the Cardbus Adapter.

Note: The encryption settings you set for the Adapter must match the same settings of the Access Point/Wireless Router; otherwise, the encryption will not work properly.

Step 1 From the **AP List** tab, select the Access Point/Wireless Router you want to connect to and click **Connect**.

| | | \boxtimes |
|--|--|------------------|
| Link Information AP List | Profile Setting About | Wireless Monitor |
| Network Name Band Signal Preside fault N 100% | Cite Information Network Type : Access Point Channel : 6 Encryption : Off Surveyed at : 00:14:6C:DF:F3:D6 | 29 |
| Connect Refresh | | |

Step 2 Verify the Profile Name is correct and click Next.

| Ameling | Wireless Monitor | \times |
|---------|------------------------|----------|
| | Profile Setting | |
| | Profile Name : default | |
| | | 1 |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| Ba | ck Next Exit | |

| Wireless Monitor | | |
|------------------|--------------------|--|
| Profile | Setting | |
| Network Name : | default | |
| Network Type : | 👔 Access Point 📃 💌 | |
| Transfer Rate : | Automatic 🗨 | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| Back | ext Exit | |

Step 3 Verify the Network Name (SSID) is correct and click Next.

For WEP Settings:

WEP Step 4 Select the appropriate Authentication Mode and Encryption settings and click Next.

| | Wireless Monitor | \times |
|--|---------------------------------------|----------|
| | Profile Setting | |
| | Authentication Mode : 📄 Open System 💌 | |
| | Encryption : 🔒 64 bits | |
| | | ' |
| | | |
| | | |
| | | |
| | | |
| | | |
| | Back Next Exit | |

WEP Step 5 Select the appropriate Input Method, Key (password), Key Index, and click Next.

| s Monitor | |
|------------------------------|---|
| Setting | |
| Hex Hexadecimal (0-9, A-F 💌 | |
| | |
| ♠(1) ▼ | |
| | |
| | |
| | |
| | |
| | |
| ext Exit | |
| | Setting Hex Hexadecimal (0-9, A-F • (1) • |

WEP Step 6 Click Complete to finish the settings.

| And Loga | Wireless Monitor | \times |
|-----------------|---------------------------------|----------|
| Profile Setting | | |
| | IP Setting : 📳 Original Setting | - |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | _ |
| (Ba | ock Complete Exit | |

For WPA-PSK and WPA2-PSK Settings:

| | Wireless Monitor | \times |
|--|-------------------------|----------|
| | Profile Setting | |
| | Authentication Mode : | |
| | Input Method : 🔒 TKIP 💌 | |
| | | • |
| | | 3 |
| | | |
| | | 3 |
| | | 3 |
| | | 1 |
| | | 3 |
| | Back Next Exit | |
| | | _ |

WPA Step 4 Select WPA-PSK or WPA2-PSK and the appropriate Input Method and click Next.

WPA Step 5 Enter the Passphrase and click Next.

| And Loga | Wirele | ss Monit | or | \times |
|----------|---------|-----------------|------|----------|
| | Profile | e Setting | | |
| | Кеу | | | |
| | | | | ┛╽ |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| Ba | ick | Next | Exit | |

WPA Step 6 Click Complete to finish the settings.

| Wireless Monitor | | | | | |
|------------------|------|-----------|-----------|------------|---|
| | I | Profile S | Setting | | |
| | IP | Setting : | 📲 Origina | al Setting | • |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| Ba | ck) | Com | plete) | Exit | |
| <u> </u> | | | | · | |

Step 7 You should see a blue circle around the antenna icon indicating a valid connection. A lock icon beside the antenna indicates the connection is encrypted.

| Link Information AP List | Profile Setting About | ⊠ Wireless Monitor |
|--------------------------|--|------------------------------|
| Network Name Band Signal | Site Information Network Type : Access Point Channel : 6 Encryption : Off Surveyed at : 00:14:6C:DF:F3:D6 | |
| | | |

4.4 Profile Setting

The **Profile Setting** tab lists all the profiles you have created. You can create new profiles for different network environments.

| | | × |
|---------------------------|--|------------------|
| Link Information AP List | Profile Setting About | Wireless Monitor |
| Profile Name Network Name | Site Information Network Type : Access Point Channel : 6 Encryption : Off IP Setting : Off Delete Connect | |

To add a new profile, follow the steps below:

Step 1 Click on the **Add** button.

| | -INK. 101 | | | X |
|------------------|--------------|---|-------------------|------------------|
| Link Information | AP List | Profile Setting | About | Wireless Monitor |
| Profile Name N | etwork Name | Site Information Network Type Channel Encryption IP Setting | 18) 18) 18) | |

Step 2 Enter a name for your new profile and click **Next**.

| | Wireless N | √lonitor | \times |
|----|-------------------|----------|----------|
| | Profile Set | ting | |
| | Profile Name : Of | ffice | |
| | | | 1 |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| Ba | ck Next | t Exit | |

Step 3 Enter the SSID (Network Name) of the wireless network you want to connect to and click **Next**.

| And Lagon | Wireless Monitor | | |
|-----------|------------------|--------------|----------|
| | Profile S | Setting | |
| r | Network Name : | Office_AP | |
| | Network Type : | Access Point | - |
| | Transfer Rate : | Automatic | - |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| Back | | ext Ex | |
| | | | <u> </u> |

| And Logar | Wireles | s Monite | or | \times |
|-----------|-----------------------|-----------------|-------|----------|
| | Profile | Setting | | |
| | Authentication Mode : | WPA-P | 'SK 🔽 | |
| | Input Method : | A TKIP | - | |
| | | | | - |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | Back N | ext) | Exit | |
| | | | | _ |

Step 4 Configure any encryption setting if required and click **Next**.

Step 5 Click **Complete** to finish the profile setting.

| | Wireless Monitor | \times |
|----|---------------------------------|----------|
| | Profile Setting | |
| | IP Setting : 🖳 Original Setting | • |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | _ |
| Ba | ack Complete Exit | |

Step 6 Your new profile will be listed in the Profile List.

| Link Information AP List Profile Setting About Wireless Monitor Profile Name Network Name Site Information Network Type : . Channel : . Encryption : . IP Setting : . Site Information Add Edit Delete Connect | | | X |
|--|--------------------------|---|------------------|
| Image: State of the state | Link Information AP List | Profile Setting About | Wireless Monitor |
| | Contraction Office_AP | Network Type : - Channel : - Encryption : - IP Setting : - | |

Step 7 You can quickly select which profile you want to use from the **Link Information** tab depending on your network environments without having to reconfigure the settings each time.

| | -INK- 101 | | | X |
|------------------|--------------|----------------------|-------|------------------|
| Link Information | AP List | Profile Setting | About | Wireless Monitor |
| Current Prof | X | ANY Office ANY | More | |

4.5 Static IP Setting

To change the IP address of the wireless adapter to Static IP, follow the steps below:

Step 1 On the last step of *4.4 Profile Setting*, under IP setting, select **New Setting** and click **Next**.

| | Wirel | ess Mon | itor | \times |
|----|----------|-------------|---------|----------|
| | Prof | ile Setting | | |
| | IP Setti | ng: 📳 New | Setting | • |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | _ | | | |
| Ba | ck (| Next | Exit | |

Step 2 Select Static.

| ALLESS Monitor | | | |
|------------------|---------------|--|--|
| Profile | Setting | | |
| DHCP Status : | Static 💌 | | |
| IP Address : | | | |
| Subnet Mask : | 255.255.255.0 | | |
| Default Gateway: | | | |
| DNS Server : | | | |
| | | | |
| Back Co | mplete Exit | | |

Step 3 Enter in the information and click **Complete** to finish the setting.

4.6 About

The About tab shows the Utility, Driver, and Firmware version as well as the MAC address of the **300N Wireless Cardbus Adapter**.

| | | | $\left \times \right $ |
|--|-----------------|-------|-------------------------|
| Link Information AP List | Profile Setting | About | Wireless Monitor |
| Utility Version : Driver Version : Firmware Version : Address : | 2.1.2.13 | | |

Appendix A – Features

Frequency Band

• 2.4~2.5 GHz

Standards

- IEEE 802.11b / 802.11g
- Draft 802.11n

Interface

• 32-bit cardbus

Antenna Type

 Printed antennas with 2.6 dBi(A), 3.6 dBi (B), 0.9dBi (C) Gain

Security

- WPA-PSK (TKIP)
- WPA2-PSK (AES)

Transmitted Power

- 802.11b: 17 dBm@1TX; 20 dBm@2TX
- 802.11g: 13 dBm@1TX; 16 dBm@2TX
- Draft 11n: 13 dBm@1TX; 16 dBm@2TX

Data Rate

- 300*Mbps
- 54, 48, 36, 24, 18, 12, 11, 9, 6, 5.5, 2, 1Mbps auto fallback

System Requirement

- 300 MHz processor or better
- 64 MB RAM
- Available cardbus slot

OS Compatibility

• Windows 98SE/ME/2000/XP

Weight

• 45g

Dimensions

• 118 x 54 x 9mm (L x W x H)

Temperature

- Operating: 0°C to 60°C
- Storage: -20°C to 80°C

Humidity

- Operating: 10% to 80% Non-Condensing
- Storage: 5% to 90% Non-Condensing

Warranty

• Limited 1-year warranty

Safety Approvals

• FCC, CE

UPC Code

• 6 58729 08 142 0

Appendix B – Information

Federal Communication Commission Interference 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 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.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

IMPORTANT NOTE:

Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. End users must follow the specific operating instructions for satisfying RF exposure compliance. To maintain compliance with FCC RF exposure compliance requirements, please follow operation instruction as documented in this manual.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

SAR compliance has been established in typical laptop computer(s) with CardBus slot, and product could be used in typical laptop computer with CardBus slot. Other application like handheld PC or similar device has not been verified and may not compliance with related RF exposure rule and such use shall be prohibited.

The availability of some specific channels and/or operational frequency bands are country dependent and are firmware programmed at the factory to match the intended destination. The firmware setting is not accessible by the end user.

European Union Notice

Radio products with the CE marking comply with the R&TTE Directive (1999/5/EC), the EMC Directive (89/336/EEC) and the Low Voltage Directive (73/23/EEC) issued by the Commission of the European Community.

Compliance with these directives implies conformity to the following European Norms:

- EN 60950 Product Safety
- EN 300 328 Technical requirement for radio equipment
- EN 301 489-1/-17 General EMC requirements for radio equipment

Technical Support

E-mail: support@airlink101.com

Toll Free: 1-888-746-3238

Web Site: www.airlink101.com

^{*}Theoretical maximum wireless signal rate derived from IEEE 802.11g standard and IEEE 802.11n draft specification version 1.0. 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 ©2006 AirLink101TM