Adapter Installation Guide
Notice to Users

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**Wireless PC Card**

The Wireless PC Card is a wireless network card that fits into any standard PC Card Type II slot. Using the Wireless PC Card gives you the same connectivity as Ethernet without the wires. Expanding or redesigning your network is easy, and unlike cabled Ethernet, the Wireless PC Card allows you to roam throughout the network while remaining connected to the LAN.

Follow these steps to complete the Wireless PC Card installation:

**Step 1 - Install the Wireless PC Card.**

**Step 2 - Install the adapter driver from the SBC Adapter Setup CD.**

The following sections give you detailed instructions for completing each step.
STEP 1: Install the Wireless PC Card

To install the Wireless PC Card, turn off your computer and simply insert the card into the PC Card slot.

If you have a desktop computer, you need to have an Internal Wireless Adapter with a PC Card Type II slot installed to insert the card.

Follow the driver installation instructions appropriate to your operating system to complete your Wireless PC Card installation.
STEP 2: Install the Wireless PC Card Driver

*Installing Drivers For Windows XP*

1. Power on your computer. Insert the SBC Adapter Setup CD into your CD-ROM drive.

2. When the Found New Hardware Wizard window opens, select *Install the software automatically (Recommended)* and click *Next* to continue.

3. The drivers are installed.
4. When the Completing the Found New Hardware Wizard opens, click Finish. Your installation is complete.
5. Continue to Appendix A on page 47 to configure the adapter to work with your gateway.

**Installing Drivers For Windows 2000**

1. Power on your computer. Insert the SBC Adapter Setup CD into your CD-ROM drive.
2. When the Found New Hardware Wizard window opens, click Next to continue.
3. The next window prompts you to install device drivers. Select **Search for a suitable driver for my device (recommended)**, and click **Next**.

4. When the Locate Driver Files window opens, deselect the **Floppy disk drives** checkbox, select the **CD-ROM** checkbox, and click **Next**.
5. When the Driver Files Search Results window opens, click Next.

6. When the Completing the Found New Hardware Wizard opens, click Finish. Your installation is complete.

7. Continue to Appendix A on page 47 to configure the adapter to work with your gateway.
Installing Drivers For Windows ME

1. Power on your computer. Insert the SBC Adapter Setup CD into your CD-ROM drive.

2. When the Add New Hardware Wizard window opens, select Automatic search for a better driver (Recommended), and click Next.

3. After the driver files are copied, click Finish.
4. If the System Settings Change window opens, click Yes to restart your computer. Your installation is complete.

5. Continue to Appendix A on page 47 to configure the adapter to work with your gateway.

**Installing Drivers For Windows 98 SE**

1. Power on your computer. Insert the SBC Adapter Setup CD into the CD-ROM drive.
2. When the Add New Hardware Wizard opens, click Next to continue.
3. When the next window opens, select **Search for the best driver for your device (Recommended)**, and click **Next**.

4. Uncheck **Floppy disk drives**, select the **CD-ROM drive checkbox**, and click **Next**.
5. Windows locates the best driver for your device. Click **Next** to continue.

6. After the drivers are copied, click **Finish**.

7. If the System Settings Change window opens, click **Yes** to restart your computer. Your installation is complete.

8. **Continue to Appendix A on page 47 to configure the adapter to work with your gateway.**
Wireless USB Adapter

The Wireless USB Adapter is a wireless networking device that is connected to a USB port on your computer using a USB cable. Wireless networking provides the same connectivity as Ethernet without the wires. Expanding or redesigning your network is easy, and unlike cabled Ethernet, the Wireless USB Adapter allows users to roam throughout the network while remaining connected to the LAN.

Follow these steps to complete the Wireless USB Adapter installation:

Step 1 - Install the Wireless USB Adapter.

Step 2 - Install the adapter driver from the SBC Adapter Setup CD

The following sections give you detailed instructions for completing each step.
STEP 1: Install the Wireless USB Adapter

The supplied USB cable has a different type of USB connector on each end.

Series A connector. The Series A USB connector plugs into the USB port on your computer.

Series B connector. The Series B USB connector plugs into a USB device such as the Wireless USB Adapter.

To install the Wireless USB Adapter, simply connect the adapter to an available USB port on your computer using the supplied USB cable.
STEP 2: Install the Wireless USB Adapter Driver

*Installing Drivers For Windows XP*

1. Power on your computer. Insert the SBC Adapter Setup CD into the CD-ROM drive.
2. When the Found New Hardware Wizard window opens, select *Install the software automatically (Recommended)* and click *Next* to continue.
3. The driver installs.

4. When the Completing the Found New Hardware Wizard opens, click Finish.

5. Continue to Appendix A on page 47 to configure the adapter to work with your gateway.
Installing Drivers For Windows 2000

1. Power on your computer. Insert the SBC Adapter Setup CD into the CD-ROM drive.
2. When the Found New Hardware Wizard window opens, click Next to continue.
3. The next window prompts you to install device drivers. Select Search for a suitable driver for my device (recommended), and click Next.
4. When the Locate Driver Files window opens, uncheck Floppy disk drives, select the CD-ROM checkbox, and click Next.

5. When the Driver Files Search Results window opens, click Next.
6. When the Completing the Found New Hardware Wizard opens, click Finish. Your installation is complete.
7. Continue to Appendix A on page 47 to configure the adapter to work with your gateway.

Installing Drivers For Windows ME
1. Power on your computer. Insert the SBC Adapter Setup CD into your CD-ROM drive.
2. When the Add New Hardware Wizard window opens, select Automatic search for a better driver (Recommended), and click Next.
3. After the driver files are copied, click Finish.
4. If the System Settings Change window opens, click Yes to restart your computer. Your installation is complete.
5. Continue to Appendix A on page 47 to configure the adapter to work with your gateway.

**Installing Drivers For Windows 98 SE**

1. Power on your computer. Insert the SBC Adapter Setup CD into the CD-ROM drive. When the Add New Hardware Wizard opens, click Next to continue.
2. When the next window opens, select **Search for a better driver for your device (Recommended)**, and click **Next**.

3. Uncheck **Floppy disk drives**, select the **CD-ROM drive** checkbox, and click **Next**.
4. Windows locates the best driver for your device. Click Next to continue.

5. After the drivers are copied, click Finish.

6. If the System Setting Change window opens, click Yes to restart your computer. Your installation is complete.

7. Continue to Appendix A on page 47 to configure the adapter to work with your gateway.
PC Port Adapter

The PC Port adapter allows you to connect your computer to existing phone lines using one of the USB ports on your machine.

Follow these steps to complete the PC Port installation:

Step 1 - Install the PC Port adapter.
Step 2 - Install the adapter driver from the SBC Adapter Setup CD.

The following sections give you detailed instructions for completing each step.
STEP 1: Install the PC Port Adapter

1. Turn off your computer.
2. Insert the PC Port adapter into an available USB port on your computer.
3. If you are not sharing your DSL connection with a phone, or you are using other broadband services such as cable: Connect one end of the supplied telephone cable to the PC Port adapter and the other end into the telephone wall jack.

   If you are sharing your DSL connection with a phone using DSL Filters: Refer to the table on page 23 to complete your PC Port connection.
The filter examples shown below are 2Wire DSL Filters.

<table>
<thead>
<tr>
<th>Filter Type</th>
<th>If Sharing Wall Jack with Phone</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single port</td>
<td>• Insert the other end of the telephone cable into one of the Y-adapter ports.</td>
</tr>
<tr>
<td></td>
<td>• Connect your DSL filter into the open port on the Y-adapter and your phone into the filter.</td>
</tr>
<tr>
<td></td>
<td>• Insert the Y-adapter into the wall jack.</td>
</tr>
<tr>
<td>Dual port</td>
<td>• Insert the other end of the telephone cable into the port labelled DSL/HPNA or DSL HPN.</td>
</tr>
<tr>
<td></td>
<td>• Connect your telephone into the port designated for phone service.</td>
</tr>
<tr>
<td></td>
<td>• Insert the DSL Filter into the wall jack.</td>
</tr>
<tr>
<td>Wallmount</td>
<td>After your DSL wall mount filter has been installed and the telephone is connected:</td>
</tr>
<tr>
<td></td>
<td>• Insert the other end of the telephone cable from the PC Port into the port labelled DSL or DSL HPN.</td>
</tr>
</tbody>
</table>

You have just completed Step 1 of your adapter installation. Proceed to Step 2: Install the PC Port Adapter Driver, to complete your adapter installation. Locate and follow the driver installation instructions appropriate to your operating system.
STEP 2: Install PC Port Adapter Driver

**Install Drivers For Windows XP**

1. Power on your computer. Insert the SBC Adapter Setup CD into your CD-ROM drive.
2. When the Found New Hardware Wizard window opens, select **Install the software automatically (Recommended)** and click **Next** to continue.
3. The driver installs.
4. When the Completing the Found New Hardware Wizard opens, click Finish. Your installation is complete.

**Installing Drivers For Windows 2000**

1. Power on your computer. Insert the SBC Adapter Setup CD into your CD-ROM drive.
2. When the Found New Hardware Wizard window opens, click Next to continue.
3. The next window prompts you to install device drivers. Select **Search for a suitable driver for my device (recommended)**, and click **Next**.

4. When the Locate Driver Files window opens, uncheck **Floppy disk drives**, select the **CD-ROM checkbox**, and click **Next**.
5. When the Driver Files Search Results window opens, click **Next**.

6. When the Completing the Found New Hardware Wizard opens, click **Next**.

---

**Installing Drivers For Windows ME**

1. Power on your computer. Insert the SBC Adapter Setup CD into your CD-ROM drive.

2. When the Add New Hardware Wizard window opens, select **Automatic search for a better driver (Recommended)**, and click **Next**.
3. After the driver files are copied, click **Finish**.
4. If the System Settings Change window opens, click **Yes** to restart your computer. Your installation is complete.

**Installing Drivers For Windows 98 SE**

1. Power on your computer. Insert the SBC Adapter Setup CD into your CD-ROM drive. When the Add New Hardware Wizard opens, click **Next** to continue.
2. When the next window opens, select **Search for the best driver for your device (Recommended)**, and click **Next**.

3. Uncheck **Floppy disk drives**, select the **CD-ROM drive** checkbox, and click **Next**.
4. Keep default setting, The updated driver (Recommended), and click Next.

5. Windows locates the best driver for your device. Click Next to continue.
6. After the drivers are copied, click Finish.

7. If the System Setting Change window opens, click Yes to restart your computer. Your installation is complete.
Installing Drivers For MacOS 10.1.3 or Higher

1. Power on your computer. Insert the SBC Adapter Setup CD into your CD-ROM drive.
2. If you have set up an administrator name and password, the Authenticate screen opens. Enter your administrator name and password and click OK.
3. Open the 2Wire USB folder from the CD and click on the 2Wire USB. Click Continue.
4. Accept or decline the License Agreement. Click **Accept** to continue your PC Port installation. Selecting **Decline** will end your installation.

5. Select **Easy Install**. If Easy Install is not already selected in the 2Wire USB window, select it from the pull-down menu.

6. Restart your computer.
7. Establish your PC Port connection. From the Apple menu, select **System Preferences**, then click **Network**.

Verify that Ethernet Adapter (en1) is selected in the Show field. If it is not, select it from the pull-down menu. When the New Port Detected message displays, click **OK**.

**Note:** Your Macintosh computer automatically assigns the name “(en1)” to the PC Port. If your computer has more than one Ethernet-type network device installed, the PC Port may be named “(en2)” or higher.

8. Click **Save** to complete your installation. Your installation is complete.
Installing Drivers for MacOS 8.6 to 9.x

1. Power on your computer. Insert the SBC Adapter Setup CD into your CD-ROM drive.
2. Mac OS recognizes the PC Port and asks if you would like to load the driver over the Internet. Click Cancel to continue.
3. Open the 2Wire USB folder from the CD and click on the 2Wire USB. Click Continue.
4. Accept or decline the License Agreement. Click **Accept** to continue your PC Port installation. Clicking **Decline** will end your installation.

5. Select **Easy Install**. If Easy Install is not already selected in the 2Wire USB window, select it from the pull-down menu.

6. Restart your computer. Your PC Port installation is complete. Click **Restart** to load the PC Port settings.
7. Establish your PC Port connection. From the Apple menu, select Control Panel, then TCP/IP.

Set the Connect via field to 2Wire PC Port. In the Configure field, ensure that Using DHCP Server is selected. If it is not, select it from the pull-down menu and close the window. If the Save changes window displays, click Save to complete your installation.
Internal Wireless Adapter

The Internal Wireless Adapter consists of two pieces of hardware that together enable wireless capability on your computer:

An Internal CardBus Adapter. A standard PC Card-to-PCI bus adapter used to install PC cards into computers that do not have a factory-installed PC Card slot.

A Wireless PC Card. After installing the Internal CardBus Adapter, this card is installed into the slot and configured to enable your wireless network connection.

Follow EACH of these steps to complete the Internal Wireless Adapter installation:

Step 1 - Install the Internal CardBus Adapter.

Step 2 - Install the Internal CardBus Adapter driver (you will not need a CD to perform this step).

Step 3 - Install the Wireless PC Card into the Internal CardBus Adapter (page 1).

Step 4 - Install the driver from the SBC Adapter Setup CD.

The following sections give you detailed instructions for completing each step.
STEP 1: Install the Internal CardBus Adapter

Note: To avoid static electric charges, touch an unpainted metal surface before installing or working with the adapter.

1. Turn your computer off and unplug the power cord.
2. Remove the outer cover of your computer and locate an available PCI slot. PCI slots are easily identified by their beige or white color.
3. Remove the backplate (the small piece of metal that covers the opening for the PCI card on the back cover that you just removed).
4. Insert the adapter into the PCI slot.
5. Secure the adapter with the screw from the backplate and replace the cover of your computer.

Your Internal CardBus Adapter is now ready to accept a PC Card.

You have just completed Step 1 of your adapter installation. Proceed to Step 2: Install the Internal Wireless CardBus Driver to complete your adapter installation. Locate and follow the driver installation instructions appropriate to your operating system.
STEP 2: Install the Internal Wireless CardBus Adapter

Activating Drivers for Windows XP

1. Power on your computer. When the XP Home Networking Wizard opens, click Cancel.
2. The built-in driver is automatically located and the adapter is installed.
3. Go to page 1, Installing the Wireless PC Card, to continue your Internal Wireless Adapter installation.

Installing Drivers For Windows 2000

2. Restart your computer so Windows recognizes the adapter. If you are prompted to restart a second time, click Yes.
3. Go to page 1, Installing the Wireless PC Card, to continue your Internal Wireless Adapter installation.
Installing Drivers For Windows ME

1. Power on your computer. When the Add New Hardware Wizard window opens, select Automatic search for a better driver (Recommended), and click Next.
2. After the driver files are copied, click Finish.
3. If the System Settings Change window opens, click Yes.
4. Go to page 1, Installing the Wireless PC Card, to continue your Internal Wireless Adapter installation.
Installing Drivers For Windows 98 SE

1. Power on your computer. When the Add New Hardware Wizard opens, click Next to continue.

2. When the next window opens, select Search for the best driver for your device (Recommended), and click Next.
3. Uncheck all checkboxes, and click Next.

4. Windows locates the best driver for your device. Click Next to continue.
5. When the PC Card Wizard displays, accept the default and click **Next**.

6. When asked if you want to review system files, accept the default and click **Next**.
7. When the PC Card Wizard has completed, click Finish to copy the drivers.

8. After the drivers are copied, click Finish.
9. If the System Settings Change window opens, click **Yes** to restart your computer.

10. If you are prompted to restart a second time, click **Yes**.

11. Go to page 1, *Installing the Wireless PC Card, to continue your Internal Wireless Adapter installation.*
Appendix A: Wireless Adapter Configuration

Now that you have installed the drivers for your wireless adapter, you must configure it to work with the 2Wire gateway. A wireless network requires a network name (SSID) and an encryption key to operate. Every 2Wire wireless gateway comes with a unique network name and encryption key printed on the bottom of the unit.

1. With the SBC Adapter Setup CD in your CD-ROM drive, click Run from the Windows Start button. Enter D:\setup.exe in the Open field enter and click OK.
   *If your CD-ROM drive is not located on D:, substitute the appropriate letter (for example, E:\setup.exe).*

2. When the Driver and Utilities program page displays, click the Configure 2Wire Wireless Adapter button.

3. Enter the serial number and encryption key from your 2Wire wireless gateway, then click the Begin Wireless Configuration button to configure your adapter.
Regulatory Information

FCC Statement

This device has been tested and complies with the specifications for a Class B digital device, pursuant to Part 15 of the FCC rules. These rules 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 according to 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 is found 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 the 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.