

SmartSetup 3

Quick Start Guide



SmartSetup 3 is a wireless system setup wizard with both an Encryption Connection Wizard and a Wireless Network Management Utility all in one. It makes wireless connectivity and security an incredibly easy task for consumers who use Gigabyte wireless devices. SmartSetup 3 comes pre-installed on the router, so users won't have to fumble around installing software from an installation CD, nor will they have to push a button to setup a secure wireless network. SmartSetup 3 is the quickest way to securing your wireless network with Wireless Protected Access™ (WPA), and then enabling easy control over your wireless connection with its built-in G-EzLink utility! SmartSetup 3 technology by Gigabyte is simply the easiest, most secure way of establishing a secure wireless network.

This Quick Start Guide will describe how SmartSetup 3 helps to connect a laptop with a wireless PCMCIA notebook adapter. Please note that in order to use SmartSetup 3, both end-to-end wireless connections (your router and your wireless adapter) must support or be SmartSetup 3-enabled.

Before You Start

Before you start, you should have a wireless router properly installed with a live Internet connection, a notebook PC, and your Gigabyte wireless PCMCIA notebook card.

For your reference, the setup diagram for Gigabyte's B49G wireless routers is shown at the right.

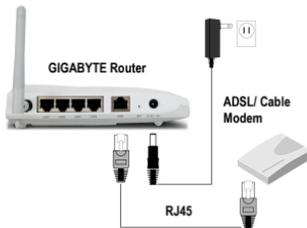


Fig. 1: Router setup

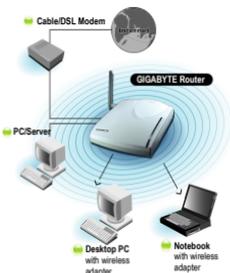


Fig. 2: Wireless Network Topology

A typical home or small office wireless network topology often looks like the diagram to the left. For our purposes here, we are only concerned with the wireless router and the notebook with the Gigabyte wireless adapter.

Step 1

Configure the Wireless Adapter

- On your notebook computer, insert your Gigabyte wireless adapter driver CDROM and install the driver, following the installation instructions from the menu.
- Next, insert your Gigabyte wireless adapter into an empty PCMCIA slot in your notebook. If Windows prompts you with its "Found New Hardware Wizard", just click <cancel>. The Gigabyte drivers have special components which allow you to take full advantage and exercise power over your wireless network. Depending on your version of Windows, you might be prompted with messages such as "the hardware you have installed does not have a certificate or not recognized", just click **OK**.

Step 2

Select From List of Available Networks

- SmartSetup 3 will open *G-EzLink Utility* automatically, and you will see the quick start icon in your PC tray (indicated by the red arrow in the diagram to the right).



Fig. 3: Quick Start Icon



NOTE

You can also find the *G-EzLink Utility* from Windows Program's by clicking: Start > Programs > GIGA-BYTE 802.11 WLAN

- B. From the **Site Survey** tab (shown in the diagram below) double click on the wireless network you wish to connect to from the list in the lower pane. The default SSID for Gigabyte routers is "GIGABYTE". In the example below, we have selected the network named "GIGABYTE". Once the link status is associated, it will be shown in the upper pane.

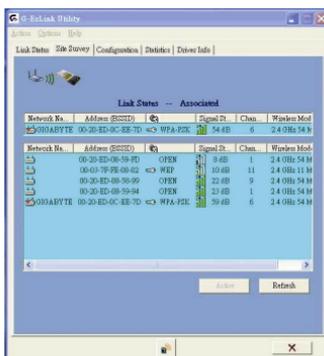


Fig. 4: G-EzLink Utility

Step 3

Enter a Self-defined Encryption Key

- A. SmartSetup 3 establishes a Wi-Fi Protected Access™ (WPA) secured connection, and will automatically open the Define Security Key screen. This screen also displays useful information about the network which you will be establishing a secure connection with, such as SSID and MAC Address of the Wireless Router. It's a good idea to write this information down and keep it in a safe place.
- B. Enter an encryption key using any alphanumeric key combination (you may use any mixture of numerical digits 0-9, upper or lowercase letters, and special characters such as +, -, %, @) that is from 8 to 63 characters long. Press the **OK** button.

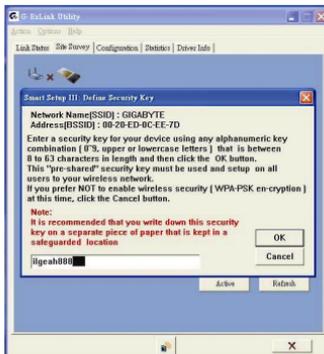


Fig. 5: Define Security Key



NOTE

It is recommended that you write down this security key on a separate piece of paper and keep in a safe place.

Done

Your Gigabyte router will automatically open its web interface and prompt you for the ISP account information. You are done! You have successfully setup a wireless connection between your two Gigabyte wireless devices, AND established an ultra secure WPA wireless security negotiation.