

# **Intel-powered Convertible Classmate PC Easy Network User Manual**

---

For Ubuntu Netbook Remix Operating System

## Disclaimer

INFORMATION IN THIS DOCUMENT IS PROVIDED IN CONNECTION WITH INTEL® PRODUCTS. NO LICENSE, EXPRESS OR IMPLIED, BY ESTOPPEL OR OTHERWISE, TO ANY INTELLECTUAL PROPERTY RIGHTS IS GRANTED BY THIS DOCUMENT. EXCEPT AS PROVIDED IN INTEL'S TERMS AND CONDITIONS OF SALE FOR SUCH PRODUCTS, INTEL ASSUMES NO LIABILITY WHATSOEVER, AND INTEL DISCLAIMS ANY EXPRESS OR IMPLIED WARRANTY, RELATING TO SALE AND/OR USE OF INTEL PRODUCTS INCLUDING LIABILITY OR WARRANTIES RELATING TO FITNESS FOR A PARTICULAR PURPOSE, MERCHANTABILITY, OR INFRINGEMENT OF ANY PATENT, COPYRIGHT OR OTHER INTELLECTUAL PROPERTY RIGHT.

UNLESS OTHERWISE AGREED IN WRITING BY INTEL, THE INTEL PRODUCTS ARE NOT DESIGNED NOR INTENDED FOR ANY APPLICATION IN WHICH THE FAILURE OF THE INTEL PRODUCT COULD CREATE A SITUATION WHERE PERSONAL INJURY OR DEATH MAY OCCUR.

Intel may make changes to specifications and product descriptions at any time, without notice. Designers must not rely on the absence or characteristics of any features or instructions marked "reserved" or "undefined." Intel reserves these for future definition and shall have no responsibility whatsoever for conflicts or incompatibilities arising from future changes to them. The information here is subject to change without notice. Do not finalize a design with this information.

The products described in this document may contain design defects or errors known as errata which may cause the product to deviate from published specifications. Current characterized errata are available on request.

Contact your local Intel Sales Office or your distributor to obtain the latest specifications and before placing your product order.

Intel and the Intel logo are trademarks of Intel Corporation in the U.S. and other countries.

Copyright © 2008, Intel Corporation.

All rights reserved.

\*Other brands and names are the property of their respective owners.

# Revision History

Document Revision	Revision History	Date
1.0	First release of the Intel-powered convertible classmate PC Easy Network User Manual.	November 2008

# Table of Contents

- Revision History ..... iii
- Table of Contents ..... iv
- 1 Introduction ..... 9
  - 1.1 System Requirements..... 10
  - 1.2 Install ..... 10
  - 1.3 Uninstall ..... 10
  - 1.4 Start Up..... 10
- 2 Network Manager ..... 13
  - 2.1 Network Connection Status..... 13
    - 2.1.1 Taskbar Icon Status..... 13
    - 2.1.2 Taskbar Menu ..... 13
    - 2.1.3 Network Manager Balloon ..... 14
  - 2.2 Network Manager ..... 20
    - 2.2.1 Switch between Pre-defined Network Profiles ..... 22
    - 2.2.2 Show Connection Info ..... 22
    - 2.2.3 Turn On/Off Wireless ..... 23
    - 2.2.4 Import School Profiles ..... 25
    - 2.2.5 Launch Other Window ..... 26
- 3 Scan for Networks ..... 27
  - 3.1 Scan for Networks ..... 27
  - 3.2 Scan for Networks Detail ..... 30
- 4 View Neighbors ..... 33
- 5 Network Profile Manager..... 35
  - 5.1 Adjust the Priority ..... 36

5.2	Create a New Network Profile.....	37
5.3	Edit a Profile.....	49
5.3.1	General Settings .....	49
5.3.2	Wireless Settings.....	50
5.3.3	Others .....	51
5.4	Import/Export Profile .....	52
5.5	Delete Profile.....	54
5.6	Set Profile to Show.....	55
5.7	Help.....	55
5.8	About .....	55
<b>6</b>	<b>Frequently Asked Questions .....</b>	<b>57</b>

**Figures**

Figure 1 - Taskbar Menu ..... 14

Figure 2 - Automatically Apply Profile Balloon ..... 15

Figure 3 - Automatic Connection Failed ..... 15

Figure 4 - Automatic Connection Failed Scan Link ..... 16

Figure 5 - No Connection Status Balloon..... 17

Figure 6 - No Connection Status Balloon Scan Link ..... 17

Figure 7 - WLAN Connection Status Balloon ..... 17

Figure 8 - LAN Connection Status Balloon..... 18

Figure 9 - LAN to WLAN Confirm Balloon ..... 18

Figure 10 - Automatically Apply Profile Balloon..... 19

Figure 11 - Manually Scan for Networks Confirm Balloon ..... 19

Figure 12 - Turn off Wireless Balloon ..... 20

Figure 13 - WLAN to LAN Successfully Balloon..... 20

Figure 14 - Network Manager Window..... 21

Figure 15 - Automatically Apply Profile Balloon..... 23

Figure 16 - LAN to WLAN Successfully Balloon..... 24

Figure 17 - Manually Scan for Networks Confirm Balloon ..... 24

Figure 18 - Turn off Wireless Balloon ..... 25

Figure 19 - WLAN to LAN Switch Balloon ..... 25

Figure 20 - Import School Settings ..... 26

Figure 21 - Scan for Networks Window..... 28

Figure 22 - Connect AP Failed Window ..... 29

Figure 23 - Connect AP Failed Window ..... 29

Figure 24 - Input SSID Window ..... 30

Figure 25 - Connect AP with Password Window..... 30

Figure 26 - Scan for Networks Detail Window..... 31

Figure 27 - Network Neighbors Window..... 33

Figure 28 - Network Profile Manager Window ..... 35

Figure 29 - New Profile Step 1 ..... 38

Figure 30 - Profile Name Empty Warning ..... 39

Figure 31 - Profile Name Contain Special Character Warning ..... 39

Figure 32 - Profile Name Repeated Warning ..... 40

Figure 33 - New Network Profile Step 2..... 41

Figure 34 - Choose AP Window ..... 42

Figure 35 - Static WEP Settings ..... 43

Figure 36 - WiFi Settings Dialog ..... 44

Figure 37 - New Network Profile Step 3..... 45

Figure 38 - Network Security Dialog ..... 46

Figure 39 - Enable Applications Dialog ..... 47

Figure 40 - IP Settings Dialog ..... 48

Figure 41 - Proxy Settings Dialog ..... 49

Figure 42 - Edit Network Profile Table 1 ..... 50

Figure 43 - Edit Network Profile Table 2 ..... 51

Figure 44 - Edit Network Profile Table 3 ..... 52

Figure 45 - Import Profile Dialog ..... 53

Figure 46 - Export Profile Dialog ..... 54

Figure 47 - About Dialog ..... 56

**Tables**

Table 1 - Network Status ..... 13

Table 2 - Network Manager Menu Bar Items ..... 22

Table 3 - Network Profile Manager Menu ..... 36

# Chapter Summaries

The Intel-powered convertible classmate PC Easy Network User Manual consists of the following parts:

- **1. General Introduction**

Provides an introduction to the Intel-powered convertible classmate PC Easy Network.

- **2. Network Manager**

Describes how to apply the profile and view the connection information through Easy Network.

- **3. Scan for Networks**

Describes how to scan the AP nearby and manually connect AP through Easy Network.

- **4. View Neighbors**

Describes how to scan the neighbors nearby.

- **5. Network Profile Manager**

Describes profile management functions, including create, edit, delete, import and export a profile. It also can set the priority for the local profile. You can set the profile to show or not to show in Network Manager Window.

- **6. Frequently Asked Questions**

Describe solutions to some frequently asked questions



# 1 Introduction

The Intel-powered convertible classmate PC are affordable, rugged, and fun netbooks built for learning. Based on research in educational settings, the child-friendly design converts from a clamshell to a touch-optimized tablet – promoting intuitive use, interactive learning, and new mobility. Intel-powered convertible classmate PC come with education-specific features and software, and are supported by a wide range of local vendors.

**Easy Network** is a tool to manage the network. You can set up a connection to a network and create, edit, delete, import, and export network profiles. Different profiles can be applied for typical scenarios. You can also scan, view, and connect to computers nearby. **Easy Network** provides you with a simple way to manage the network.

A user can perform the following operations:

- Management network connection: includes viewing current network status, connecting or disconnecting a network profile, and turning on or off the wireless.
- Management network profile: includes creating, editing, deleting, importing, and exporting network profiles.
- Scan for Networks access point (AP) and manually connect an AP.
- View computers nearby.

Easy Network displays an icon on the taskbar. When you right- or left-click the taskbar icon, a touch-optimized menu will

display. When you double-click the taskbar icon, the Network Manager window will display. You can access the functions of Easy Network through this window.

## 1.1 System Requirements

The system requires an Ubuntu operating system.

## 1.2 Install

Easy Network install package format is deb.

If not login as Root account, run command: `sudo dpkg -i xxx.deb`. If history data (network profile or policy) is selected, the install package will let you derive such history (network profile or policy) and install the application. If the install package detects that a newer version had already been installed, the current installation will be automatically cancelled.

## 1.3 Uninstall

If you does not login as Root account, run command: `sudo dpkg -r easy-network`.

You can select to store history data during the uninstall procedure.

## 1.4 Start Up

The application will start up after installation. If you restart the system, it will run automatically.

You can also:

- Click **Application -> Other -> Easy Network** to run after install.

Once the system boots up, the application will automatically connect to the networks based on the priority of the profiles, if there is any profile data.



# 2 Network Manager

## 2.1 Network Connection Status




Easy Network has several different connection statuses.

### 2.1.1 Taskbar Icon Status

Easy Network will be minimized and display as an icon in the taskbar after start up. You can single-click the icon (left or right) to popup the taskbar menu, and double-click to popup Network Manger window.

The icon will change when network status changes.

**Table 1 - Network Status**

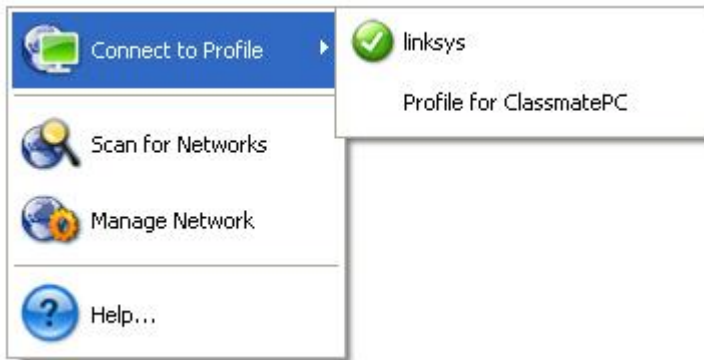
Network Status		
Disconnect	LAN connect	WLAN connect
		

### 2.1.2 Taskbar Menu

A touch optimized menu will display when you right- or left-click the taskbar icon. Through this menu, you can:

- **Connect to Profile:** after you click **Connect to Profile**, a submenu displays the profile list which was set as “available” by administrators and OS account. You can select a network profile from this list to connect. It includes wired and wireless connection profiles. The current applying profile will be ticked in the list.

- Scan for Networks: you can also manually scan wireless networks (AP) and connect. Please see Chapter 3 for more details.
- Launch Manage Network: you can single left-click Network Manager to launch it.
- Launch Help.

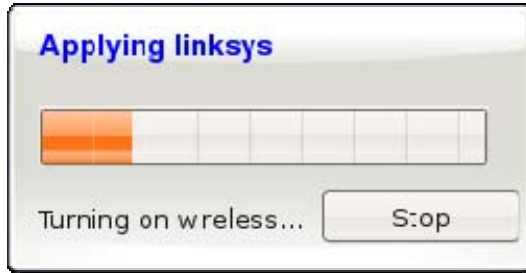


**Figure 1 - Taskbar Menu**

### **2.1.3 Network Manager Balloon**

#### **Automatic Run**

When the application starts up with the operating system, it will automatically apply the pre-defined profile.



**Figure 2 - Automatically Apply Profile Balloon**

If no one connected successfully and the current network status does not have the wireless adapter enabled, the following balloon displays:



**Figure 3 - Automatic Connection Failed**

If connection was unsuccessful and the current network status is "wireless adapter enabled", the following balloon displays.



**Figure 4 - Automatic Connection Failed Scan Link**

Click the link to scan the network.

## Network Status

After connections are established, a balloon will pop up showing current network status when you move the cursor over the taskbar icon. You can see detailed info about the connection.

- AP mode:
  1. Name(Profile Name or AP Name)
  2. Type (Wireless LAN)
  3. Speed (11 Mbps, 54 Mbps and 108 Mbps)
  4. Signal Quality (percentage and progress bar)
- LAN mode:
  1. Name(Profile Name or Wired LAN)
  2. Type (Wired LAN)
  3. Speed (10 Mbps/100 Mbps)





Figure 5 - No Connection Status Balloon



Figure 6 - No Connection Status Balloon Scan Link

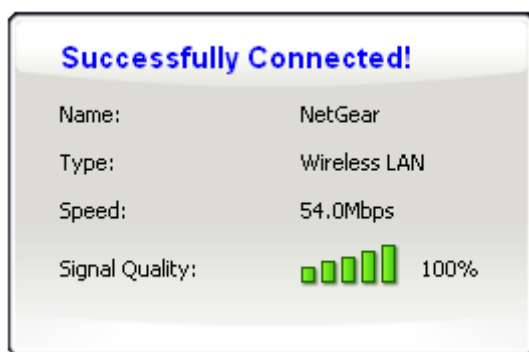
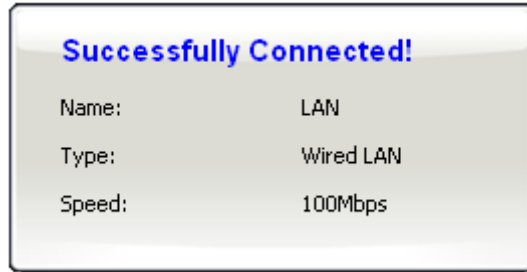


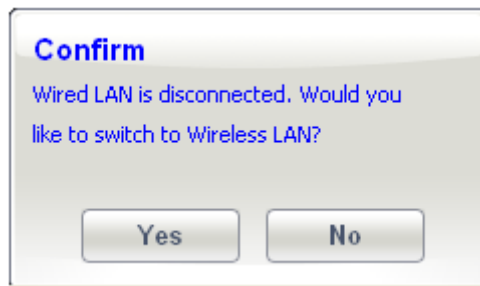
Figure 7 - WLAN Connection Status Balloon



**Figure 8 - LAN Connection Status Balloon**

## LAN to WLAN

If wired LAN is connected, wireless LAN is disabled and the cable is plugged. If wired LAN is disabled or cable is unplugged from Intel-powered classmate PC, the application will prompt you if they want to switch to wireless LAN.



**Figure 9 - LAN to WLAN Confirm Balloon**

If **No** is selected, nothing will happen. If **Yes** is selected, the application automatically connects to the profile according to priority, until connection is successful.



**Figure 10 - Automatically Apply Profile Balloon**

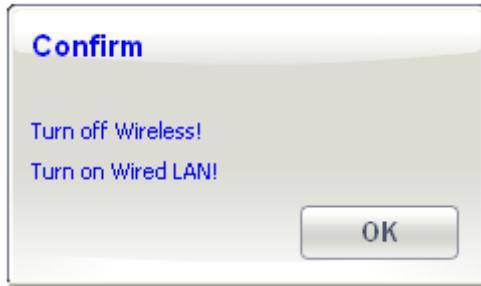
If the switch is unsuccessful, a prompt will display about the failure and offer a link to find a network.



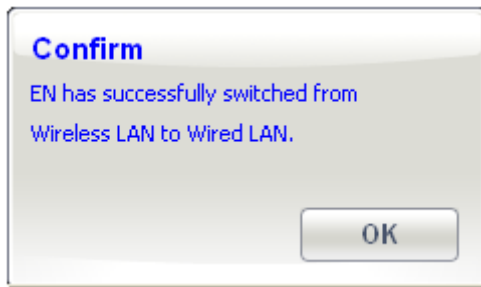
**Figure 11 - Manually Scan for Networks Confirm Balloon**

## **WLAN to LAN**

If the wireless LAN mode is active, clicking **OK** on the prompt shown below will turn off wireless LAN.



**Figure 12 - Turn off Wireless Balloon**

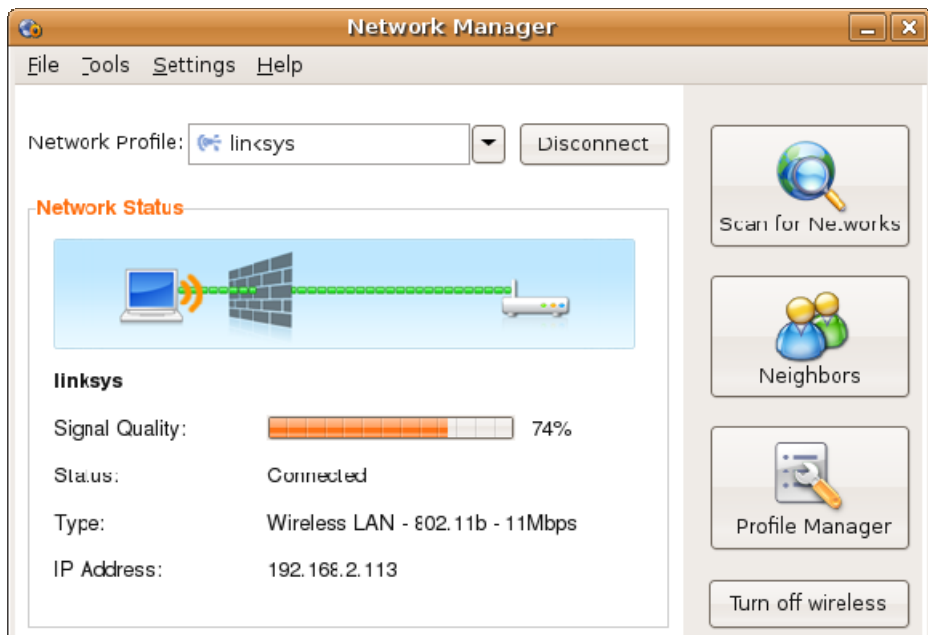


**Figure 13 - WLAN to LAN Successfully Balloon**

The balloons will automatically disappear in 10 seconds.

## 2.2 Network Manager

You can open Network Manager by either selecting it on the taskbar menu or left double-clicking the taskbar icon.



**Figure 14 - Network Manager Window**

In this window, you can:

- switch between pre-defined network profiles.
- show connection information.
- turn on/off wireless.
- import school profile.
- launch to Scan for Networks Window, Neighbors Window, and Profile Manager Window.

Major functions of Network Manager can be accessed through the menu bar. The following table describes the menu bar items:

**Table 2 - Network Manager Menu Bar Items**

File	Tools	Settings	Help
Import School Settings ...	Connect/Disconnect	Profile Manager	Help Contents
Exit	Scan for Networks	Turn off/on Wireless	About
	View Neighbors		

### 2.2.1 Switch between Pre-defined Network Profiles

A pre-defined network profile can be selected in a combo box component which was set as “available” by administrators and OS account. If you apply a profile successfully, the **Connect** button will switch to **Disconnect**. If the combo box shows the current connecting profile, the button will show **Disconnect**. If you change the profile, the **Disconnect** button will switch to **Connect** automatically.

### 2.2.2 Show Connection Info

The information below shows when one network mode has connected successfully.

- AP mode:
  - Signal Quality (percentage and progress bar)
  - Status (Connected/Disconnected)
  - Type:
    - Wireless LAN - 802.11g – 54 Mbps
    - Wireless LAN - 802.11b – 11 Mbps

- Wireless LAN - 802.11n – 108 Mbps  
IP Address
- LAN mode:  
Signal Quality (gray)  
Status (Connected/Disconnected)  
Type:
  - Wired LAN – 10 Mbps
  - Wired LAN – 100 Mbps
 IP Address

### 2.2.3 Turn On/Off Wireless

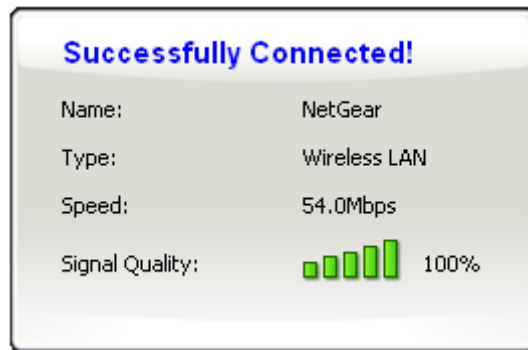
The wireless can be turned off/on by clicking the turn on/off button. When the mode is changed manually, the button will change automatically.

If the system is in wired LAN mode, the button will be **Turn on wireless**. When **Turn on wireless** is clicked to enable the wireless adapter, the application will automatically connect to the wireless profile according to the priority until connection is successful.



**Figure 15 - Automatically Apply Profile Balloon**

If a connection is successful, a confirmation balloon will display:



**Figure 16 - LAN to WLAN Successfully Balloon**

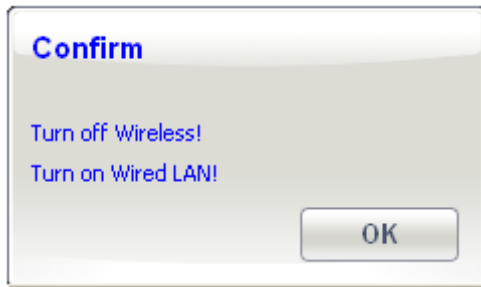
If no one is success, tell user automatically connection fail.



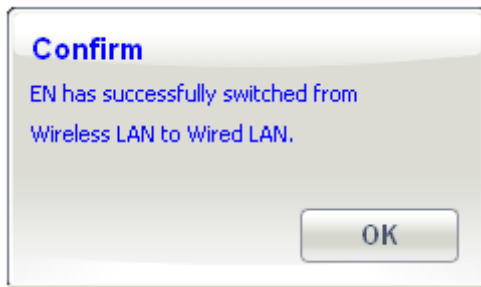
**Figure 17 - Manually Scan for Networks Confirm Balloon**

If it is a wireless LAN mode, the button will be Turn off Wireless. When Turn off Wireless is clicked, it will disable the wireless adapter and turn on the wired adapter. A confirmation balloon will display.





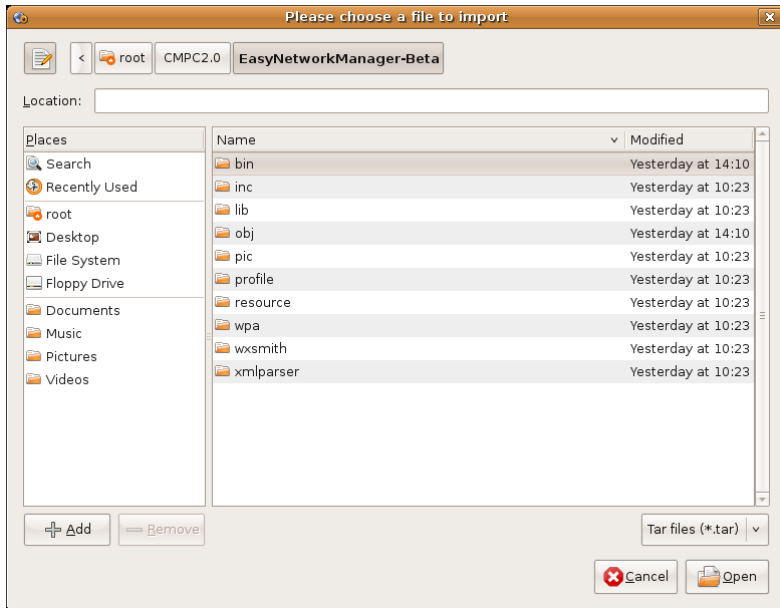
**Figure 18 - Turn off Wireless Balloon**



**Figure 19 - WLAN to LAN Switch Balloon**

### **2.2.4 Import School Profiles**

School profiles can be imported by clicking **File -> Import School Settings ...** on the menu. A dialog will display asking you to select the file you want to import.



**Figure 20 - Import School Settings**

### 2.2.5 Launch Other Window

The **Scan for Networks**, **Neighbors**, and **Profile Manager** windows can be launched by clicking the button on the window. The menu item can also be clicked to enter the window.

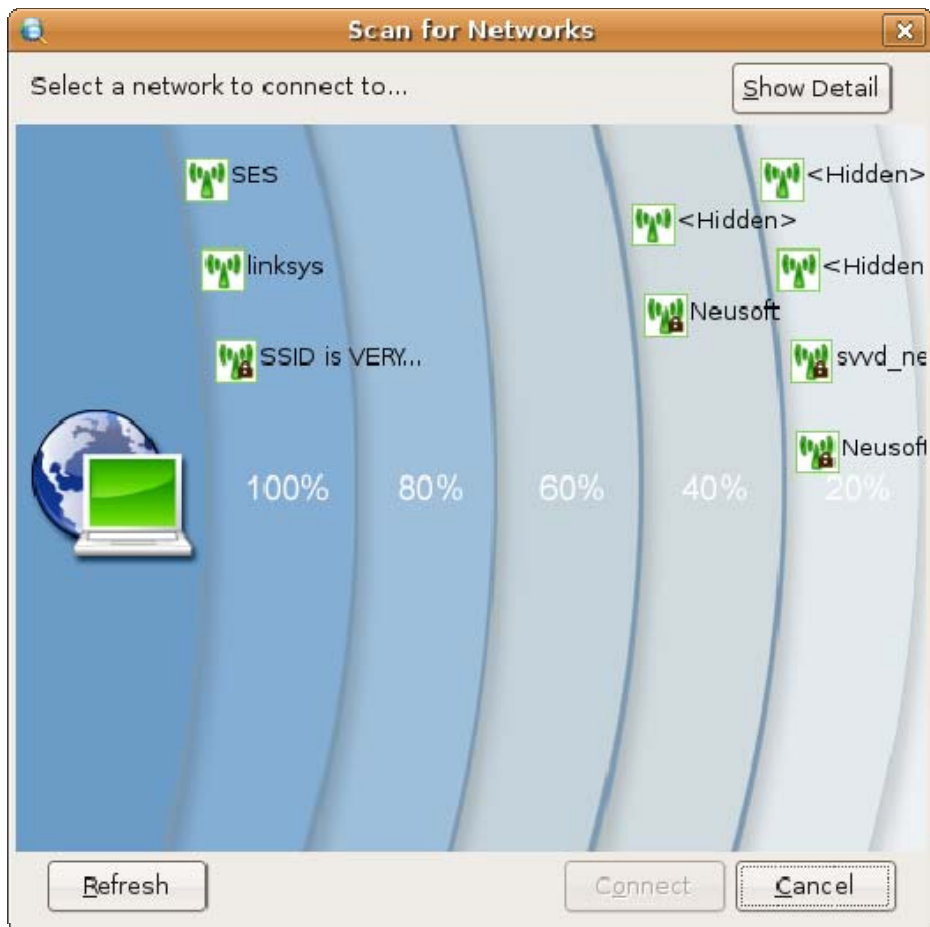
# 3 Scan for Networks

## 3.1 Scan for Networks

When the wireless adapter is enabled, the Scan for Networks window can be opened by:

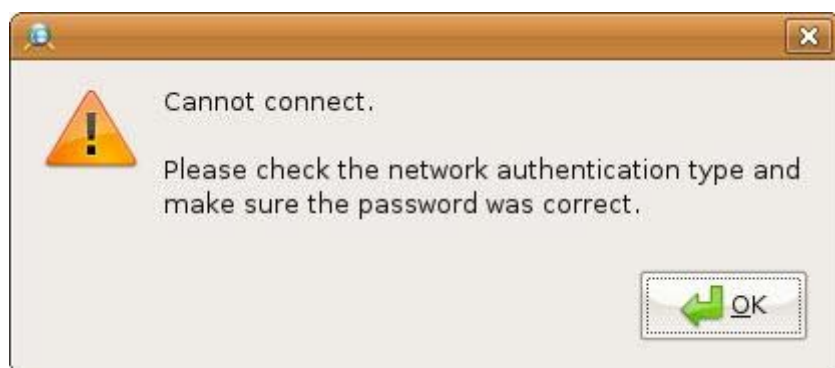
- clicking **Scan for Networks** in the Network Manager window.
- selecting **Tools** -> **Scan for Networks**, or **Scan for Networks** on the taskbar icon menu.

There is a map which presents the network AP. The connected AP should be highlighted in this network map.

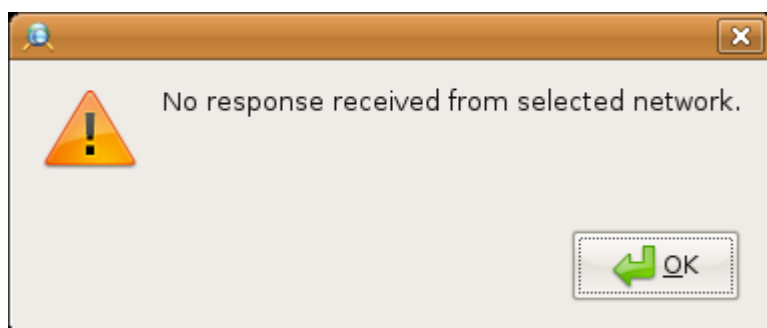


**Figure 21 - Scan for Networks Window**

You can select one network (AP) and click **Connect** or double-click the network icon to manually connect to it. If connection fails, the following messages display:

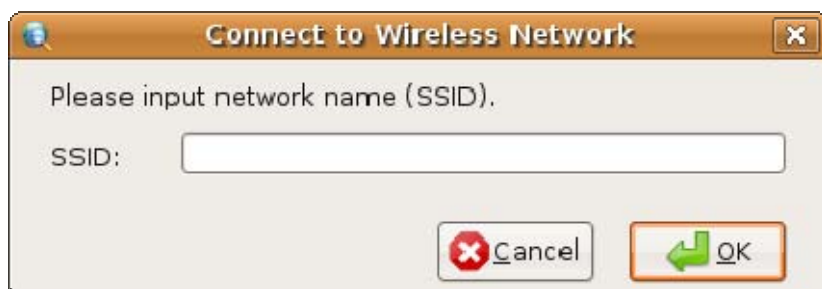


**Figure 22 - Connect AP Failed Window**



**Figure 23 - Connect AP Failed Window**

Input SSID dialog will pop up when you try to connect a hidden AP. The SSID can not be empty.



**Figure 24 - Input SSID Window**

A password dialog box will pop up if the network is password protected. The key box cannot be empty.



**Figure 25 - Connect AP with Password Window**

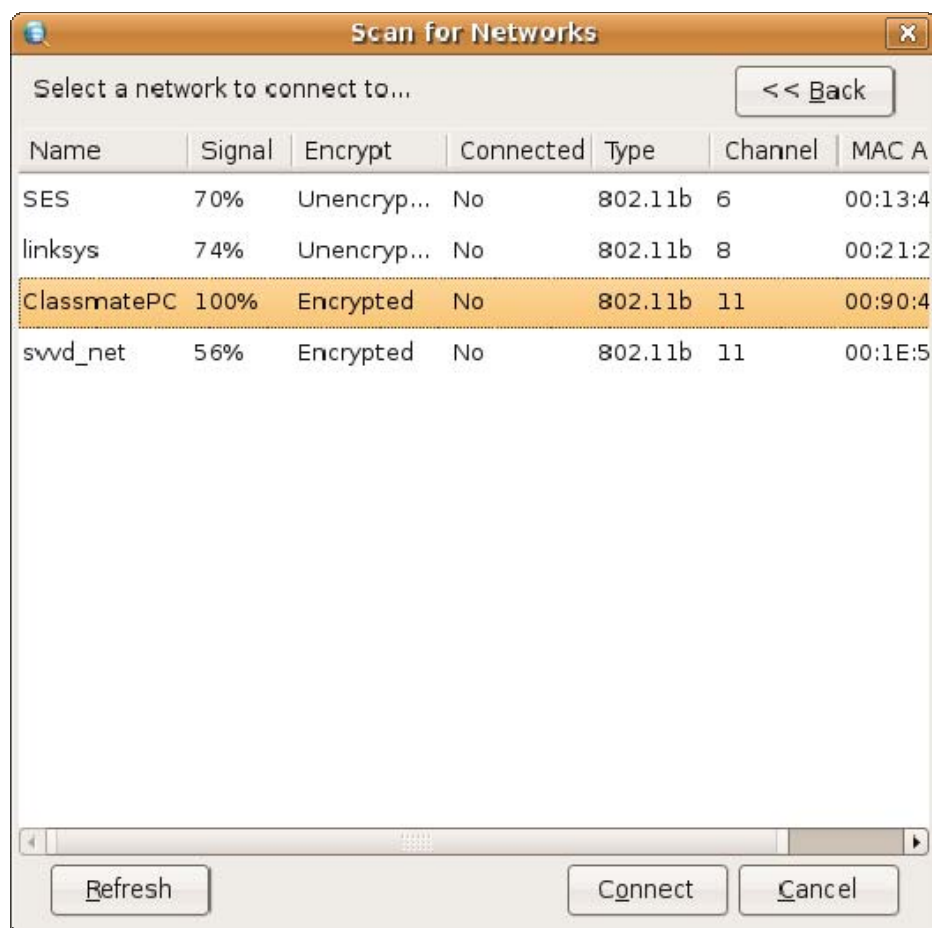
Clicking **Refresh** will re-scan the network.

## 3.2 Scan for Networks Detail

When the **Show Detail** button on the Scan for Networks window is clicked, a detail window will pop up providing detailed information about the detected APs. The detail information includes:

- AP Name
- Signal Quality (Percentage only)
- Connected(Yes/No)
- Encrypt (Encrypted/Unencrypted)
- Type (802.11b/802.11g/802.11n)

- Channel
- MAC Address



**Figure 26 - Scan for Networks Detail Window**

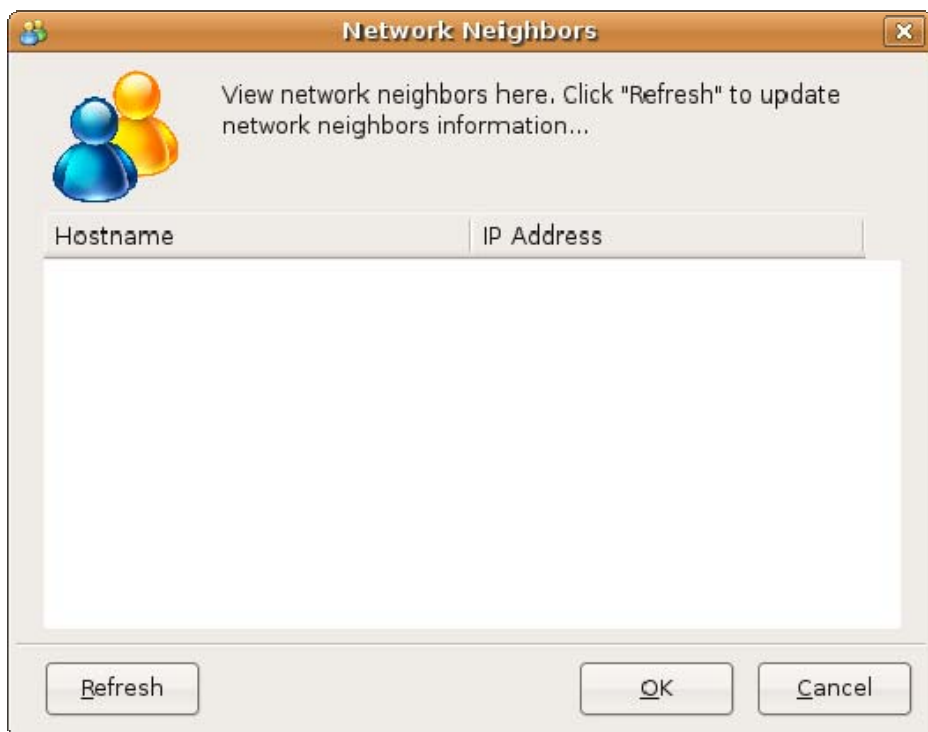
The detected APs can be ranked by **AP Name**, **Signal Quality**, **Encrypt**, **Type**, **Channel**, **MAC Address**. You can select one network (AP) and click **Connect** or double-click the network

icon to manually connect to it. A message will display when a user connects successfully or connection fails. On the failed window, click the **Back** button to go back to the Scan for Networks main dialog. Click **Cancel** to close the detailed information dialog.



## 4 View Neighbors

When the wireless adapter is enabled, click **Neighbors** on the Network Manager window or on the menu **Tools -> View Neighbor** to open **Network Neighbors** window. It displays the hostname & IP address of all the computers connected to the same Access Point (AP).



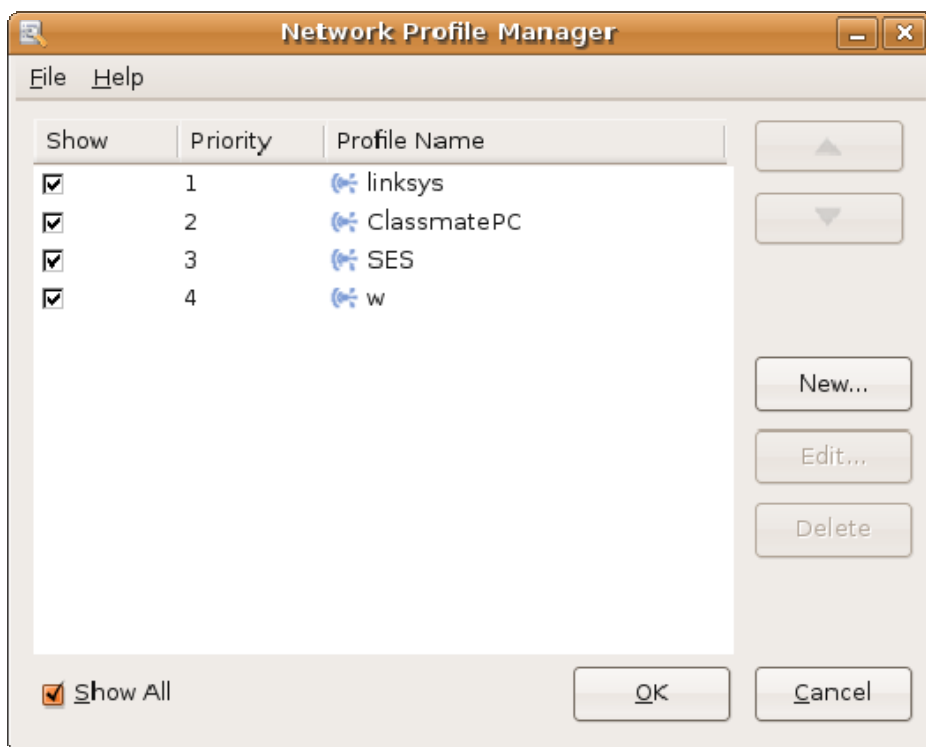
**Figure 27 - Network Neighbors Window**

Click **Refresh** to re-scan the neighbors.



## 5 Network Profile Manager

Click **Profile Manager** on the Network Manager window to open it.



**Figure 28 - Network Profile Manager Window**

In this window, you can:

- adjust the priority.
- manage network profiles: create a new profile, edit a profile, delete a profile, import a profile or export a profile.

- set profile show.
- get help by clicking the Help button or pressing F1.

The dialog has menu bar and list and some buttons on it. Major functions of Network Manager can be accessed through the menu bar:

**Table 3 - Network Profile Manager Menu**

File	Help
Import Profile...	Help Content
Export Profile...	
New ...	
Edit ...	
Delete	
Exit	

Network profiles created by local non-administrator accounts, only valid/visible for the exact account, and saved in each accounts' local space. For administrator account, all the modification/additions are implemented on local computer's global space.

## 5.1 Adjust the Priority

All profiles in the profile list will show based on priority. The priority of a selected profile can be adjusted by clicking the Up/Down button. All school profiles should be gray and listed on the top of the profile list. A normal user cannot adjust the

priority of school profiles and edit/delete school profiles. If no profiles are checked, then the Up/Down button is gray. If the first profile is selected, the Up button is gray. If the last profile is selected, the Down button is gray.

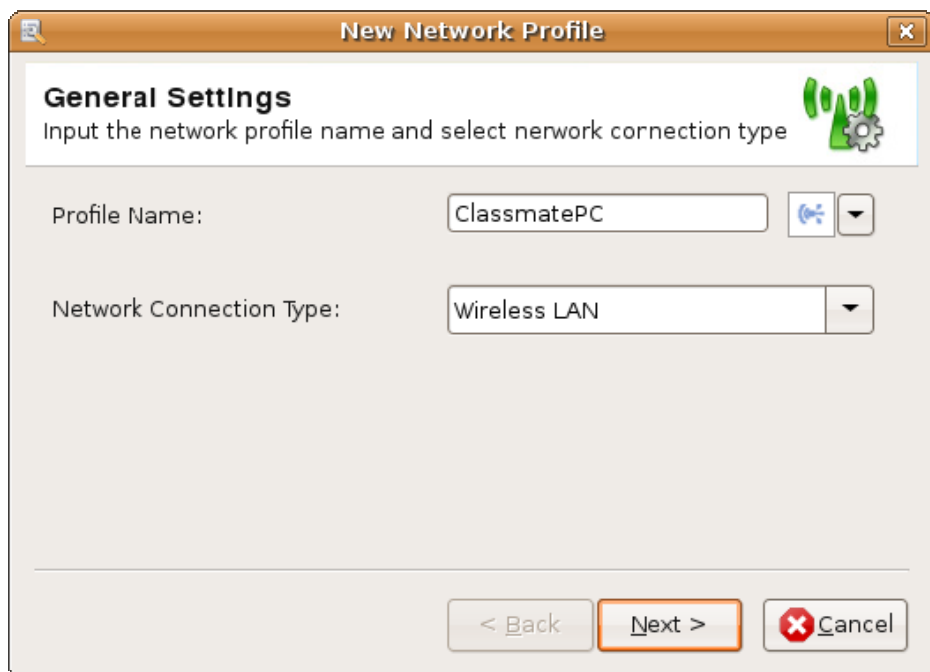
## 5.2 Create a New Network Profile

You can create customized network profiles. When the **New...** button is clicked in the Profile Manager window, or **File -> New...** is selected from the menu, the **New Network** profile wizard will pop up.

It has three steps for creating a net network profile, general settings, wireless settings, and other settings.

### Step 1 - General Settings



You can input a profile name, select a profile icon and select a network connection type. Network Connection type includes Wired LAN and Wireless LAN. A profile name cannot be longer than 32 characters. After settings, click **Next** to continue. If Wired LAN is select, go to step 3. If Wireless LAN is selected, go to step 2.





The image shows a window titled "New Network Profile" with a close button in the top right corner. Below the title bar is a section labeled "General Settings" with a subtitle "Input the network profile name and select network connection type" and a green antenna icon with a gear. The main area contains two labels: "Profile Name:" and "Network Connection Type:". The "Profile Name:" label is followed by a text input field containing "ClassmatePC" and a button with a blue antenna icon and a dropdown arrow. The "Network Connection Type:" label is followed by a dropdown menu showing "Wireless LAN" and a dropdown arrow. At the bottom of the window are three buttons: "< Back", "Next >" (highlighted with an orange border), and "Cancel" (with a red X icon).

**New Network Profile**

**General Settings**  
Input the network profile name and select network connection type

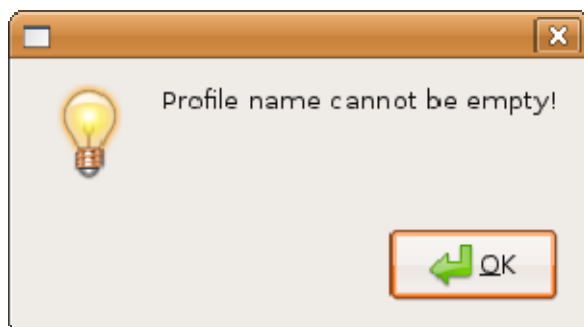
Profile Name:   

Network Connection Type:  

< Back   **Next >**   

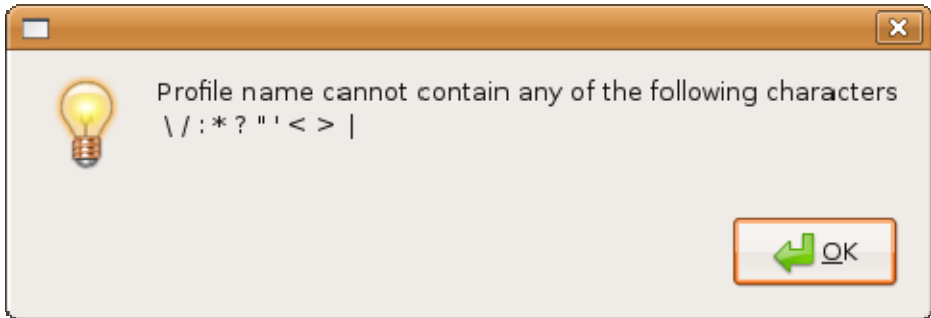
**Figure 29 - New Profile Step 1**

- If a name is not given to a profile and the Next button is clicked, the following message will display:



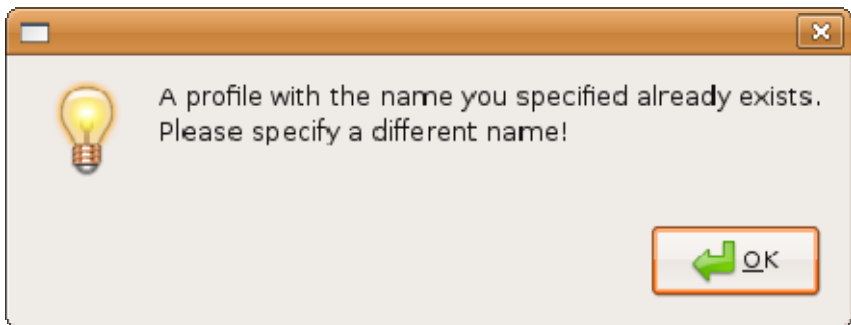
**Figure 30 - Profile Name Empty Warning**

- The Profile Name can accept all characters except /, \, %, :, \*, ?, ", ', <, >, |. If a new profile is named with any of these characters and Next is clicked, the following warning message will display, *"Profile name cannot contain any of the following characters /, \, %, :, \*, ?, ", ', <, >, |":*



**Figure 31 - Profile Name Contain Special Character Warning**

- If the name of an existing profile is used and Next is clicked, the following warning message will display, *"A profile with the name you specified already exists. Please specify a different name!"*:



## Figure 32 - Profile Name Repeated Warning

### Step 2 - Wireless Settings

If network connection is wired LAN type, go to Step 3. You can set wireless settings in Step 2. It includes SSID, wireless type, and security type. Wireless type includes **Automatic**, **802.11b**, **802.11g**, and **802.11n**. Security type includes **None**, **WEP**, **WPA-PSK**, and **UNKNOWN**. If network connection type is wireless LAN, you can input it manually or use the **Scan for Networks** button to fill the detected AP automatically.



**New Network Profile**

**Wireless Settings**  
Input wireless network settings

Wireless Network Name (SSID):

Wireless Type:

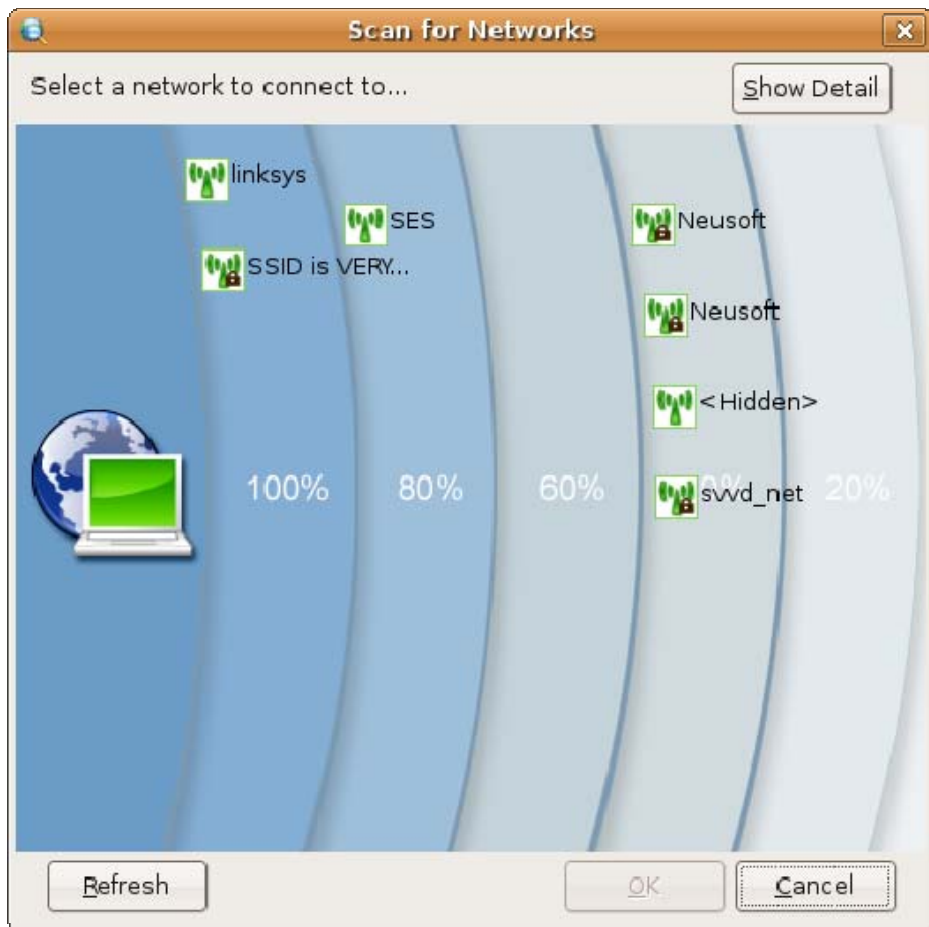
Security Type:

Key:

Key Index:

**Figure 33 - New Network Profile Step 2**

Choose an AP window to show an AP name, signal, and type. When one item is selected and OK clicked, the information of the AP is put in automatically. If the security type of the AP is unknown, it will inform you.




**Figure 34 - Choose AP Window**

If the WEP or WPA security type is set, the **Key** input text will display where the password for the connecting AP can be set. WEP password use hexadecimal digits (0-9,a-f) and WPA use 8-63 alphanumeric characters (0-9,a-z). The key cannot be empty.

**New Network Profile** [X]

---

**Wireless Settings** 

Input wireless network settings

Wireless Network Name (SSID):

Wireless Type:  ▼

Security Type:  ▼

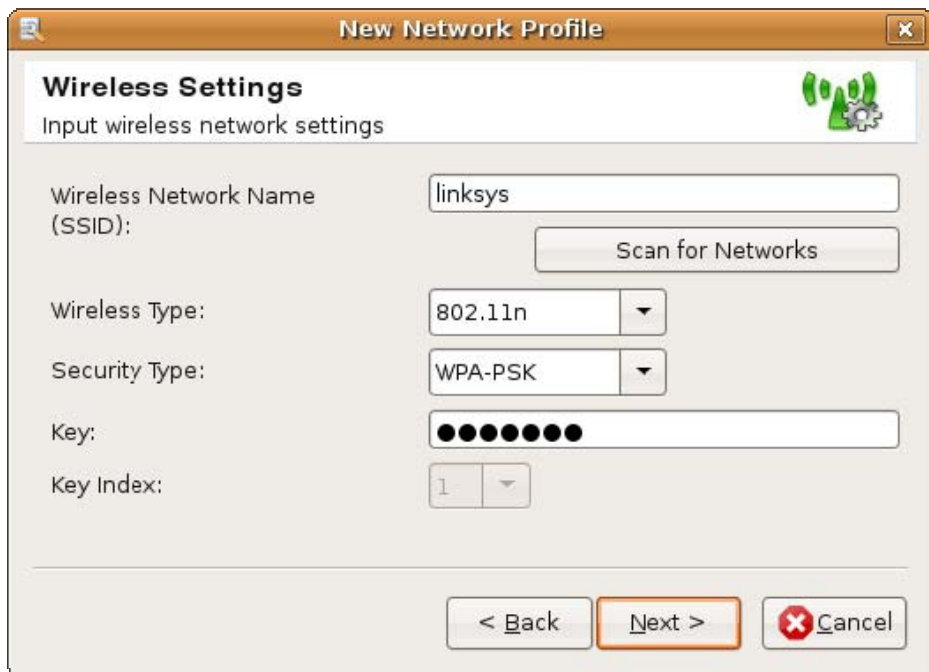
Key:

Key Index:  ▼

Use hexadecimal digits (0-9, a-f)

---

**Figure 35 - Static WEP Settings**



The image shows a 'New Network Profile' dialog box with a title bar containing a close button. The main section is titled 'Wireless Settings' with a subtitle 'Input wireless network settings' and a green Wi-Fi icon. The settings include: 'Wireless Network Name (SSID):' with a text field containing 'linksys'; a 'Scan for Networks' button; 'Wireless Type:' with a dropdown menu showing '802.11n'; 'Security Type:' with a dropdown menu showing 'WPA-PSK'; 'Key:' with a password field containing eight dots; and 'Key Index:' with a dropdown menu showing '1'. At the bottom are three buttons: '< Back', 'Next >' (highlighted with an orange border), and a red 'X' 'Cancel' button.

Field	Value
Wireless Network Name (SSID)	linksys
Wireless Type	802.11n
Security Type	WPA-PSK
Key	••••••••
Key Index	1

**Figure 36 - WiFi Settings Dialog**

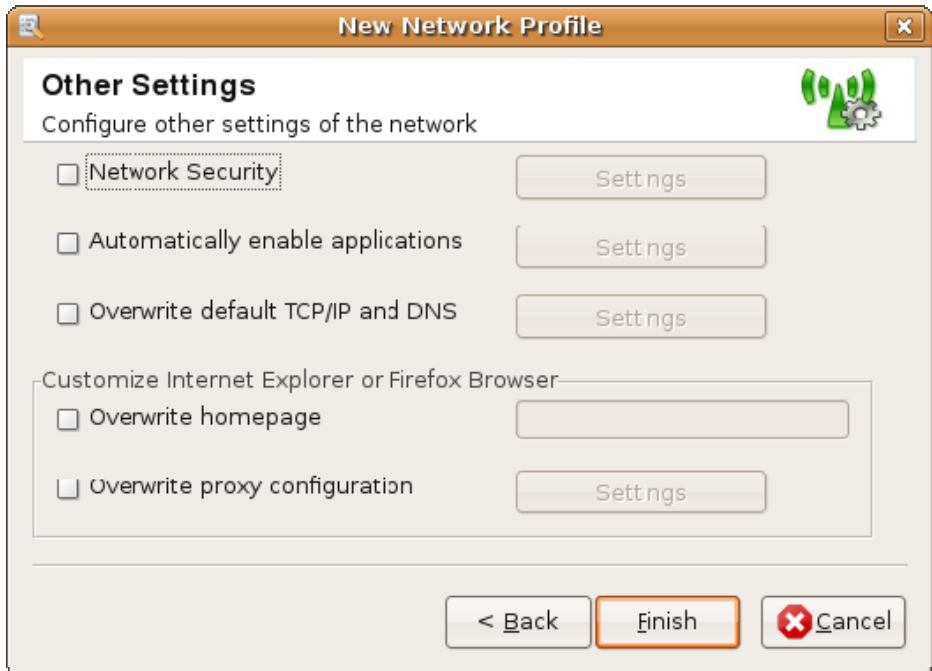
The SSID cannot be empty and no more than 32 characters. If you select a security type, you should also set the password for connecting.

If the **Back** and then the **Next** buttons are clicked, the content of Step 2 will be saved. Click **Next** to continue.

### **Step 3 - Other Settings**

You can set network security, automatically enable applications, overwrite default TCP/IP and DNS, overwrite homepage, and overwrite proxy configuration in Step 3. If you selected Wired LAN in Step 1, the network security item will be

gray. If some items were checked, the corresponding settings buttons will be enabled. When this profile is activated, these applications will be launched automatically. Click **Finish**, complete the profile creation.



**Figure 37 - New Network Profile Step 3**

### **Network Security:**

You can forbid sharing Internet connection.

Choose the checkbox **Network Security**, and the **Settings** button will be activated, then click **Settings**, a balloon will pop-up:

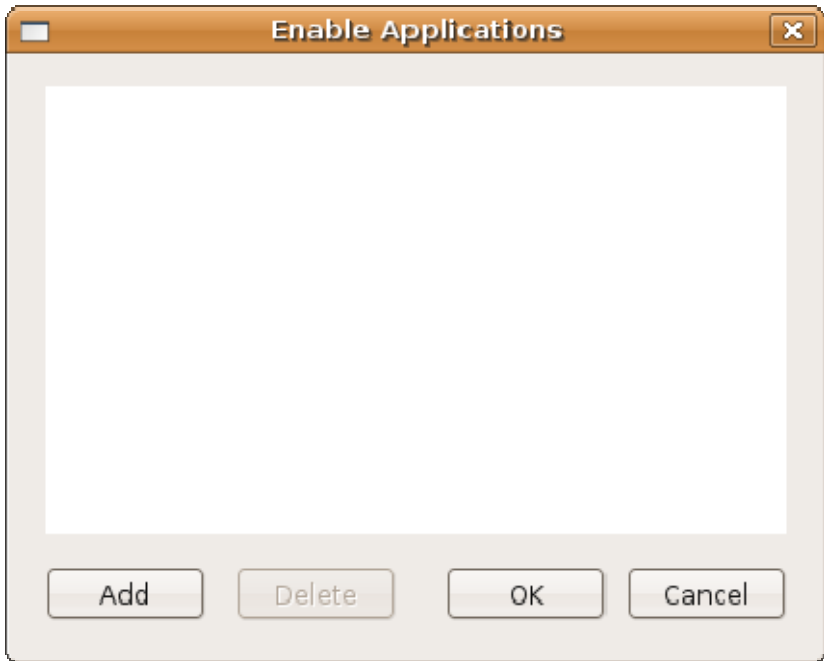


**Figure 38 - Network Security Dialog**

**Automatically Enable Applications:**

Choose **Automatically Enable Applications** and click **Settings**, a balloon as below will pop-up.

You can create and modify an application list. When this profile is activated, these applications will be launched automatically. Clicking **Add** will open a window to select the application. When an item is selected, the delete button will enable, and the delete button can be clicked to delete the profile.



**Figure 39 - Enable Applications Dialog**

**Overwrite default TCP/IP and DNS:**

You can set IP, Subnet Mask, Gateway Address, and DNS. After this profile is applied successfully, IP will overwrite.

The image shows a standard Windows-style dialog box titled "IP Settings". It has a title bar with a minimize button, a maximize button, and a close button (X). The main area of the dialog is light gray and contains four labels on the left, each followed by a white rectangular text input field on the right. The labels are "IP:", "Subnet Mask:", "Gateway Address:", and "DNS:". At the bottom right of the dialog, there are two buttons: "OK" and "Cancel".

**Figure 40 - IP Settings Dialog**

Any of the boxes cannot be empty. The IP address and DNS address cannot be broadcast address, multicast address, or reserved address. The IP address cannot be same as the network address and should match the gateway. (The multicast address is from 224.0.0.0 to 239.255.255.255. The reserved address is from 240.0.0.0 to 247.255.255.255.)

**Overwrite Homepage:**

You can replace the current IE homepage with a different homepage.



### Overwrite Proxy Configuration:

It includes address and port settings for the proxy. Only numbers can be used in the port box. The address and port cannot be empty.



Figure 41 - Proxy Settings Dialog

## 5.3 Edit a Profile

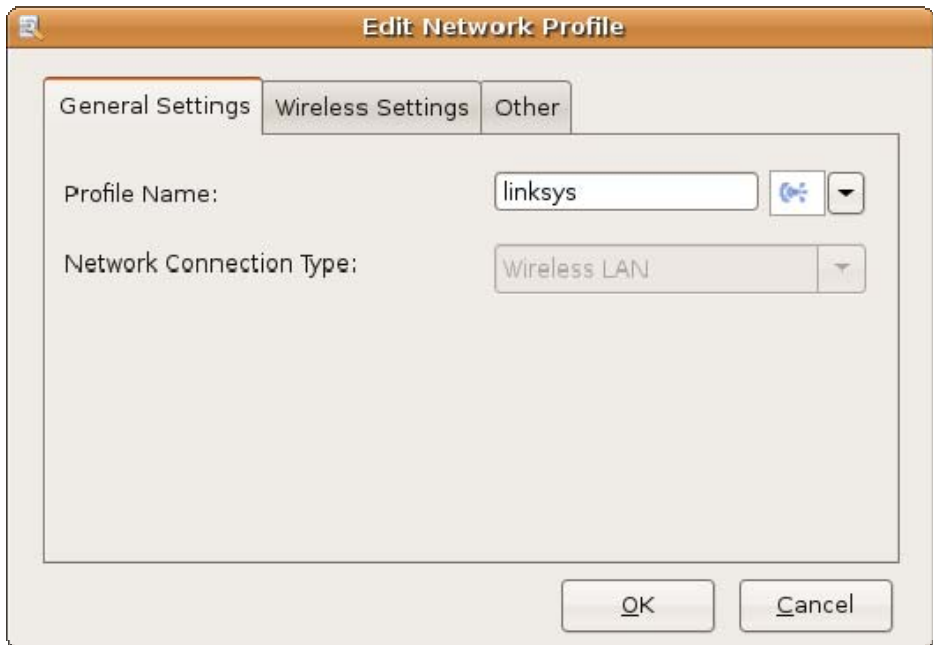
You can create customized network profiles. The **Edit Network Profile** window will display when you click the **Edit...** button in the **Profile Manager** window, or select menu **File -> Edit...** from the menu.

Same as in creating a profile, it has three tables for editing a net network profile: general settings, wireless settings, and other settings.

### 5.3.1 General Settings

A profile name can be edited except for the current applied profile. If the profile is a wireless type, the profile icon can be changed in the General Settings panel. If the profile is a wired LAN type, the profile icon and authentication properties can be

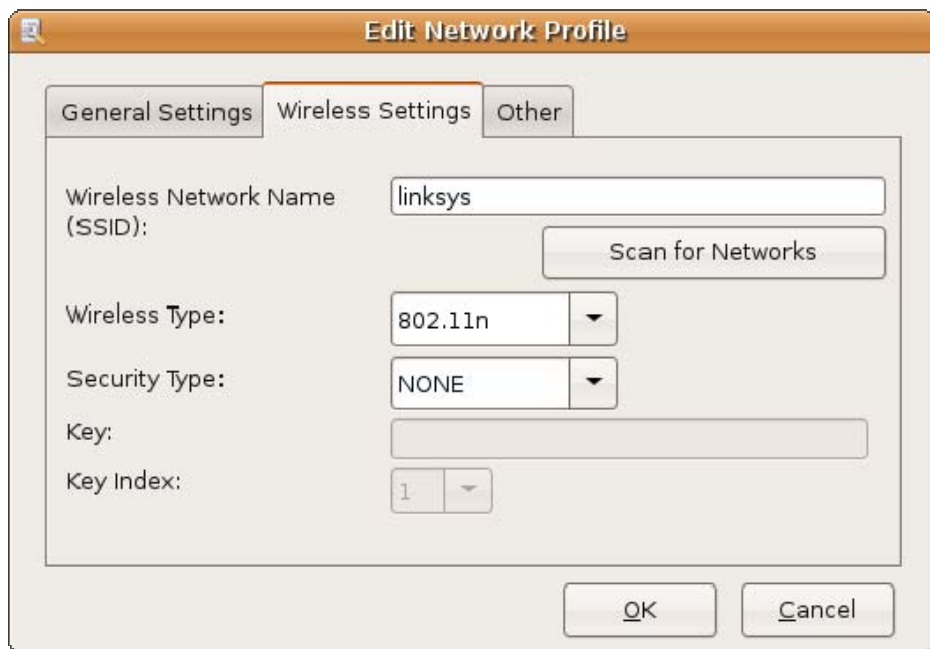
changed in the general settings panel. The Network Connection Type cannot be edited.



**Figure 42 - Edit Network Profile Table 1**

### **5.3.2 Wireless Settings**

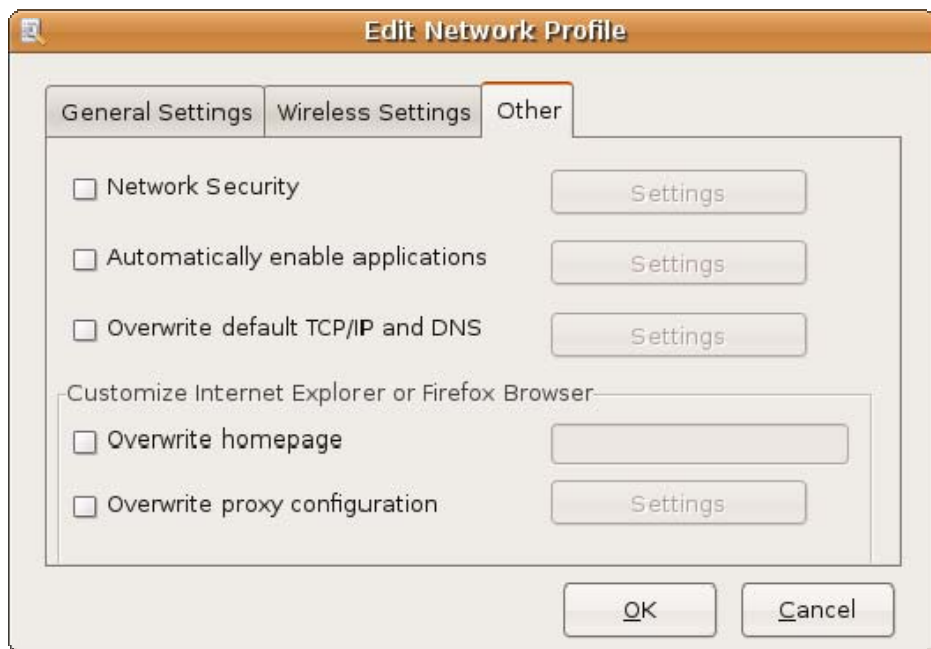
Wireless settings can be modified in this window. It is the same as creating a profile in Step 2.



**Figure 43 - Edit Network Profile Table 2**

### 5.3.3 Other

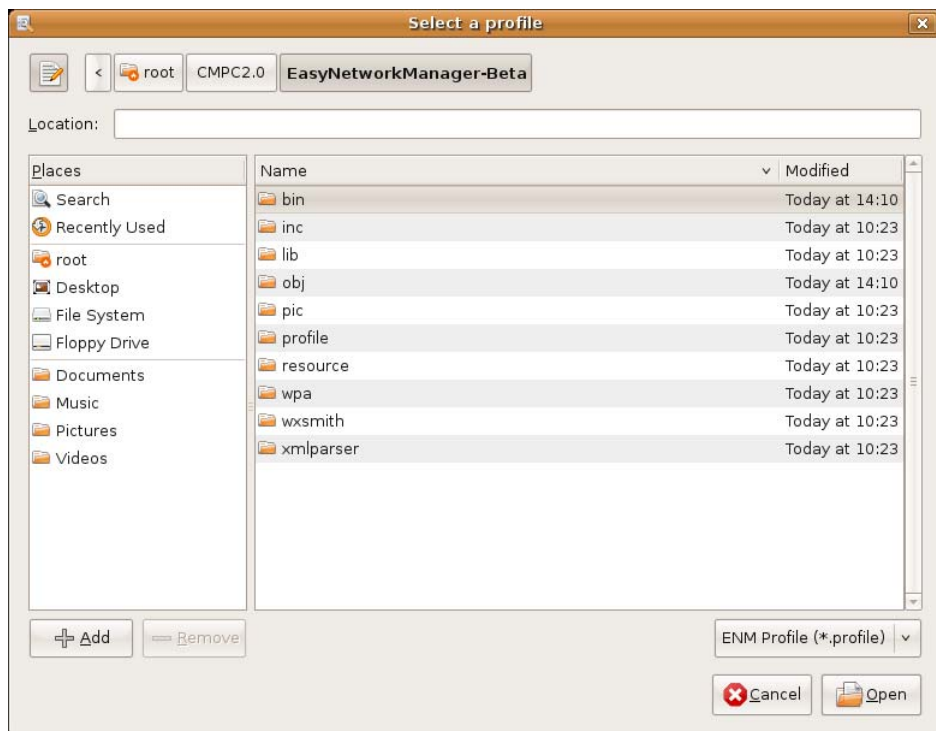
Other settings can be modified in this window. It is the same as creating a profile in Step 3.



**Figure 44 - Edit Network Profile Table 3**

## 5.4 Import/Export Profile

You can click **File -> Import Profile...** or **Export Profile...** from the menu bar to import or export profiles.



**Figure 45 - Import Profile Dialog**

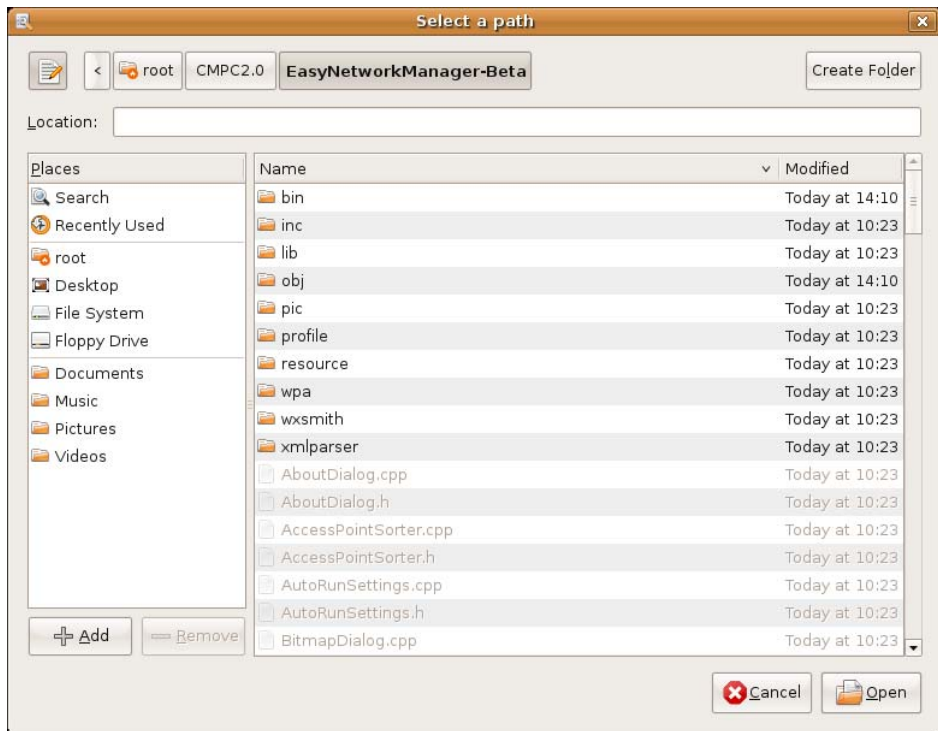


Figure 46 - Export Profile Dialog

## 5.5 Delete Profile

You can select a profile from the profile list and single-click the **Delete** button or go to **Tools->Delete Profile** in the menu bar, and confirm the popup to delete the selected profile. The current active profile cannot be deleted.

## 5.6 Set Profile to Show

A checkbox before a profile means whether it can be seen in **Easy Connect Menu** or **Network Manager** under the current account environment or other local non-administrator accounts environment. You can check the checkbox to show the profile in the box and icon list.

## 5.7 Help

The help file can be accessed by clicking **Help - > Help Contents** from the menu on the **Profile Manager** window or pressing **F1**. The help file provides information about Easy Network.

## 5.8 About

The **About** window can be accessed by clicking **Help - > About** from the menu on the **Network Manager** window. The About window provides information about the product name, version, and copyright information.



**Figure 47 - About Dialog**



## 6 Frequently Asked Questions

**Q:** Why won't **Intel-powered convertible classmate PC Easy Network** turn on wireless and wired LAN?

**A:** The most likely reason is that your network adapter is disabled. Please make sure all network adapters are enabled.

**Q:** I entered the Scan for Networks window, but could not see my AP in the picture?

**A:** The most likely reason is that there are too many APs to be shown in the picture. You can see it in the Scan for Networks detail window.

**Q:** I entered the profile manager window, but some profiles are gray and cannot be edited; why?

**A:** Because there are two kinds of profiles: school profile and local profile. If you have a limited account, you cannot edit a school profile.

**Q:** Why can't I see some profiles in the Profile Manger dialog in the taskbar menu or Network Manger dialog?

**A:** A Profile will show only when the **Show** checkbox is selected in the **Profile Manager** dialog; otherwise it cannot be seen in the taskbar menu or Network Manager dialog and be applied.

**Q:** Why am I unable to search any neighbors?

**A:** You can only search neighbors connecting with the same AP and your neighbors must make sure that they turn off their Windows firewall, that the computer name is not duplicate with other computers, and in the same workgroup.

**Q:** Why could I not click Scan for Networks and View Neighbors button in Network Manager Dialog?

**A:** You must click **Turn on Wireless** first, and then you can click them.

**Q:** Why can't I edit a profile in the Profile Manager dialog?

**A:** You cannot edit a profile that is active. You must have a different profile open to edit the profile.

**Q:** Why can't I apply a wired profile successfully?

**A:** You must make sure you can connect to the Internet through a wired adapter. If you set a wrong IP address, Sub Mask or Default Gateway, even if the wired is plugged in, **Intel-powered convertible classmate PC Easy Network** will consider it as disconnected.

**Q:** Why can't I set network security in a wired profile?

**A:** Network security can be set only for wireless profile.

**Q:** Why could overwrite homepage and proxy not work in wireless settings page of a wireless profile?

**A:** Because Firefox must have been used before setting these options.