

Atheros **Mini PCI Express Module**

Quick Installaton Guide

Version 1.0

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April 2012

1. Package Contents

Before you starting to use this Mini PCI Express Module, please check if there's anything missing in the package, and contact your dealer of purchase to claim for missing items:

Package Contents

Please make sure you have the following in the box:

- ◆ Atheros Mini PCI Express Module
- ◆ Driver / QIG CDROM

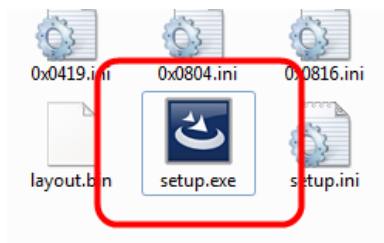
Note: if anything is missing, please contact your vendor

2. Quick installation Guide

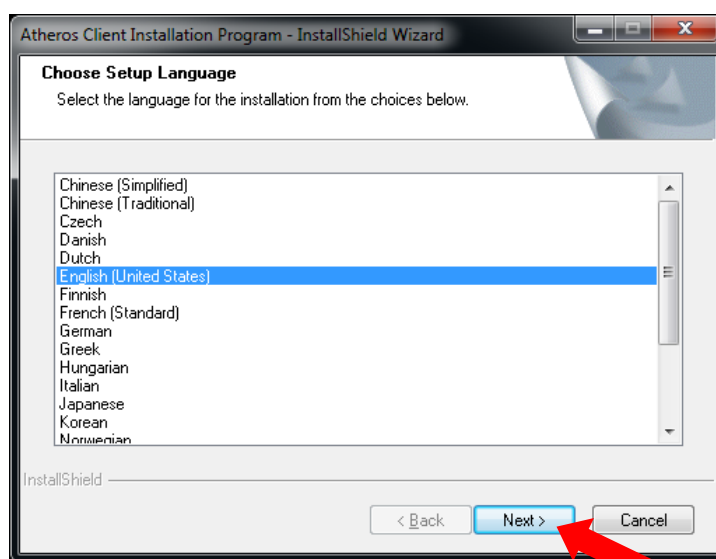
Please follow the following instructions to use Atheros Wireless Configuration (AWiC) to connect to wireless access point.

3. Driver Installation

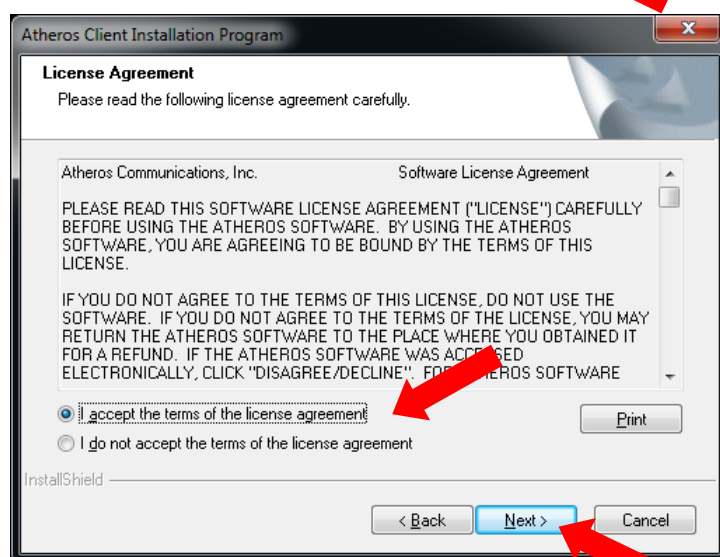
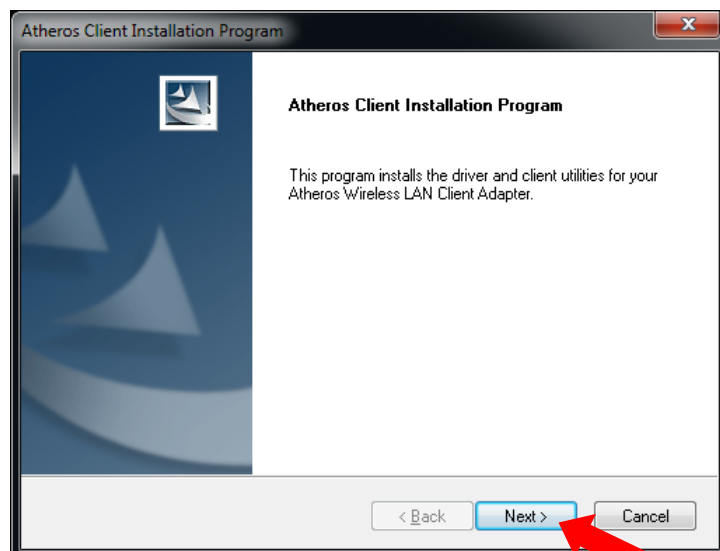
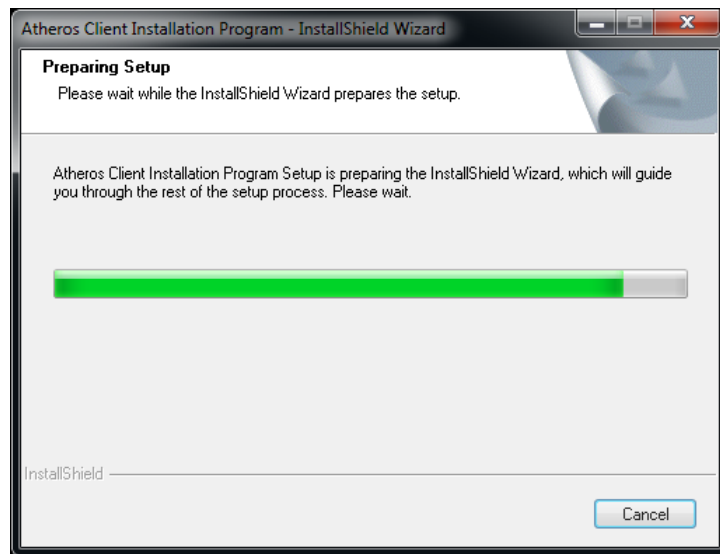
1. Setup your Atheros Mini PCI Express Module into an empty Mini PCI Express slot of your computer.
2. Insert the Driver CD, browse to the driver folder then double click the “setup.exe” file to start the driver installation.

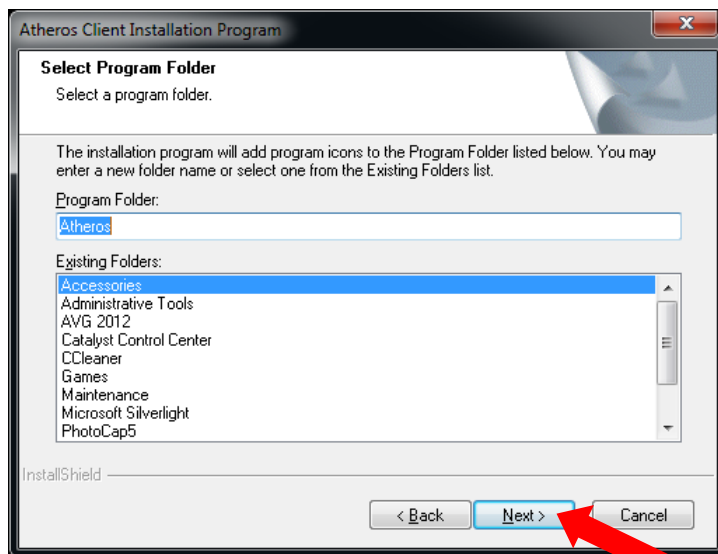
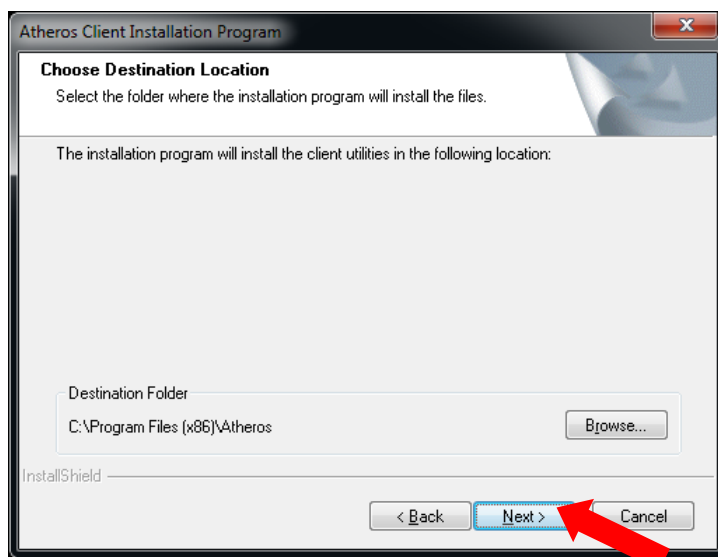
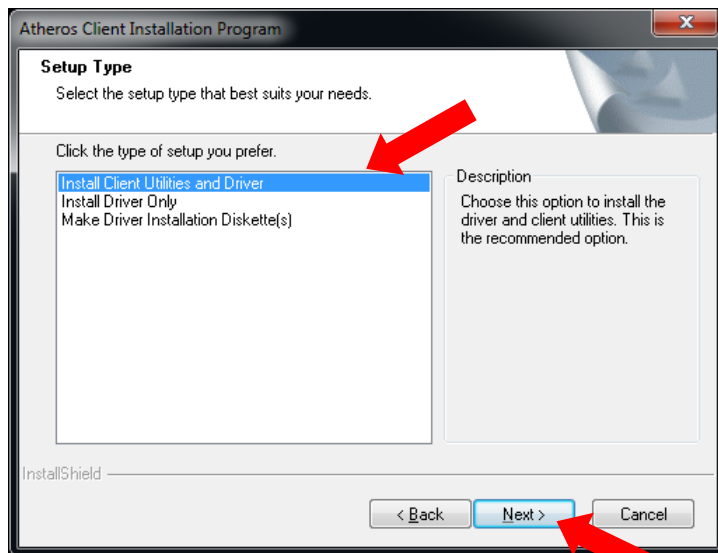


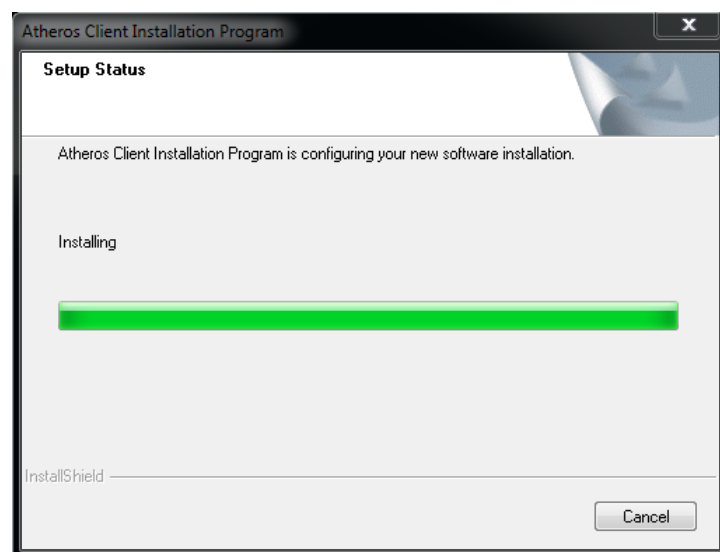
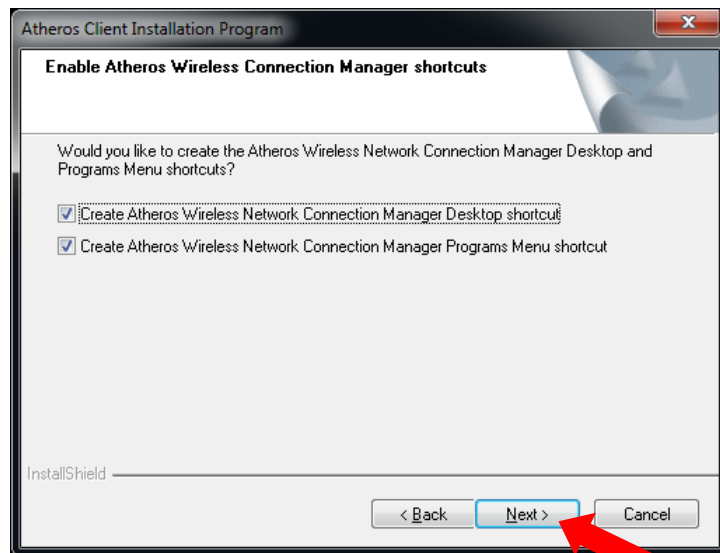
3. You will see “Atheros Client Installation Program – InstallShield Wizard” appears. Please choose the language which you need, and then click “Next” to begin the installation.



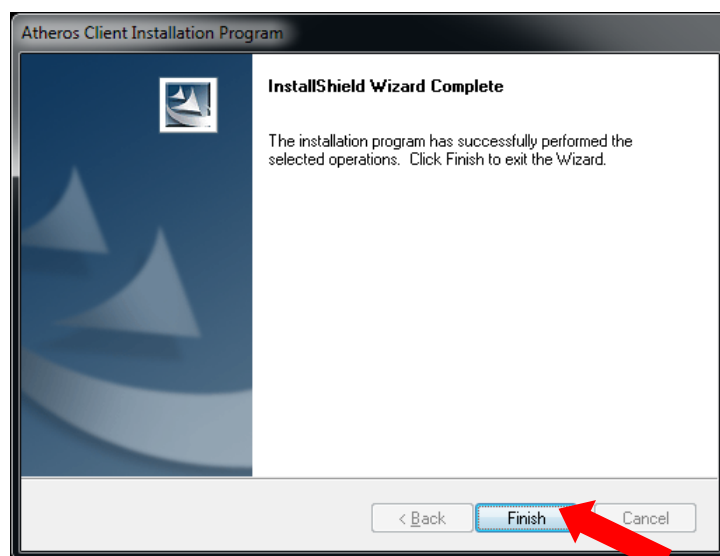
4. Click “Next” and then follow the instructions on the screen to continue the installation.







5. When you see this message, please click “Finish” to complete the driver installation process, and please reboot your computer.

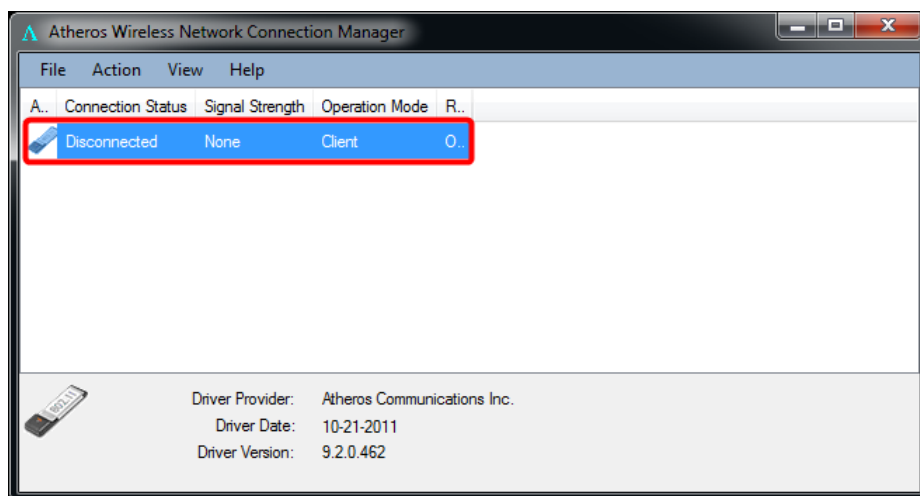


4. Connect to Wireless Access Point

1. After installation is complete, an “Atheros Wireless Network Connection Manager Utility” shortcut will show on the desktop. You can double click it to start the “Atheros Wireless Network Connection Manager”.



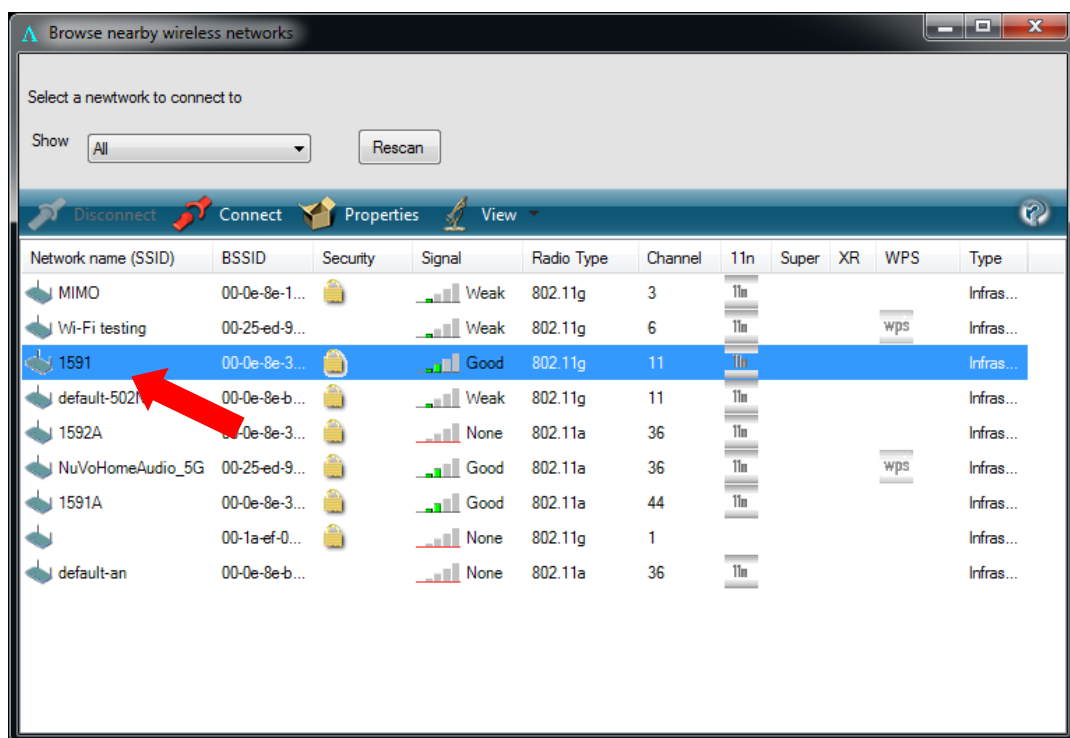
2. When “Atheros Wireless Network Connection Manager” appears, please double click the item which you want to start “AWiC”.



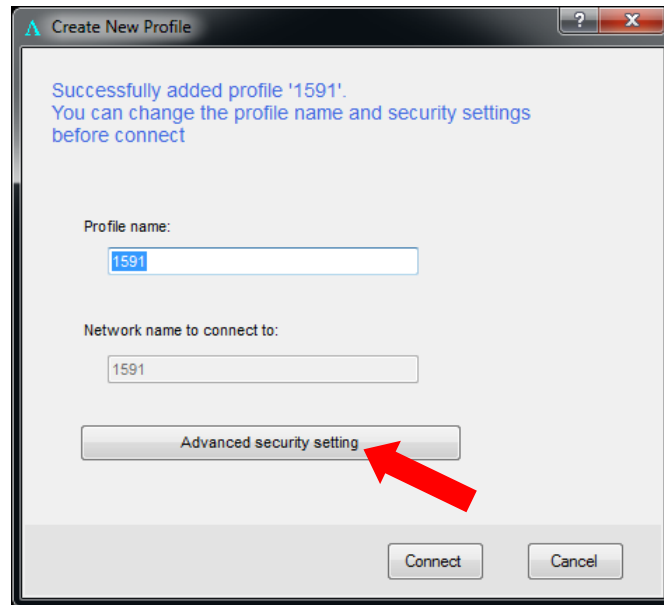
3. You will see "Atheros Wireless Configuration" (AWiC) shows on your desktop.



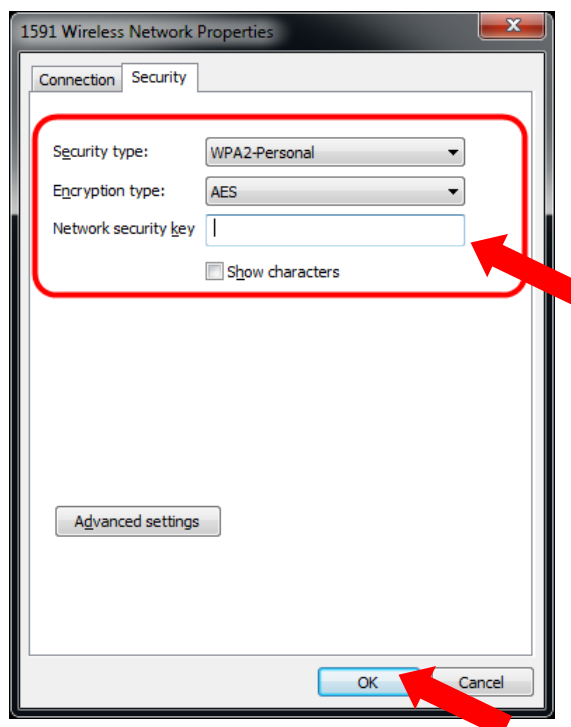
4. You could follow the steps to connect to the AP which you want to connect.
- a. Click the “Browse nearby wireless networks” icon to see the site survey table.



- b. You could choose one of the APs in the list to connect; on this sample, we will connect to the AP called “1591” with WPA2-PSK/AES Security/Encryption type, we just need to double click on the AP named “1591”, and the “create new profile” window will appear automatically.



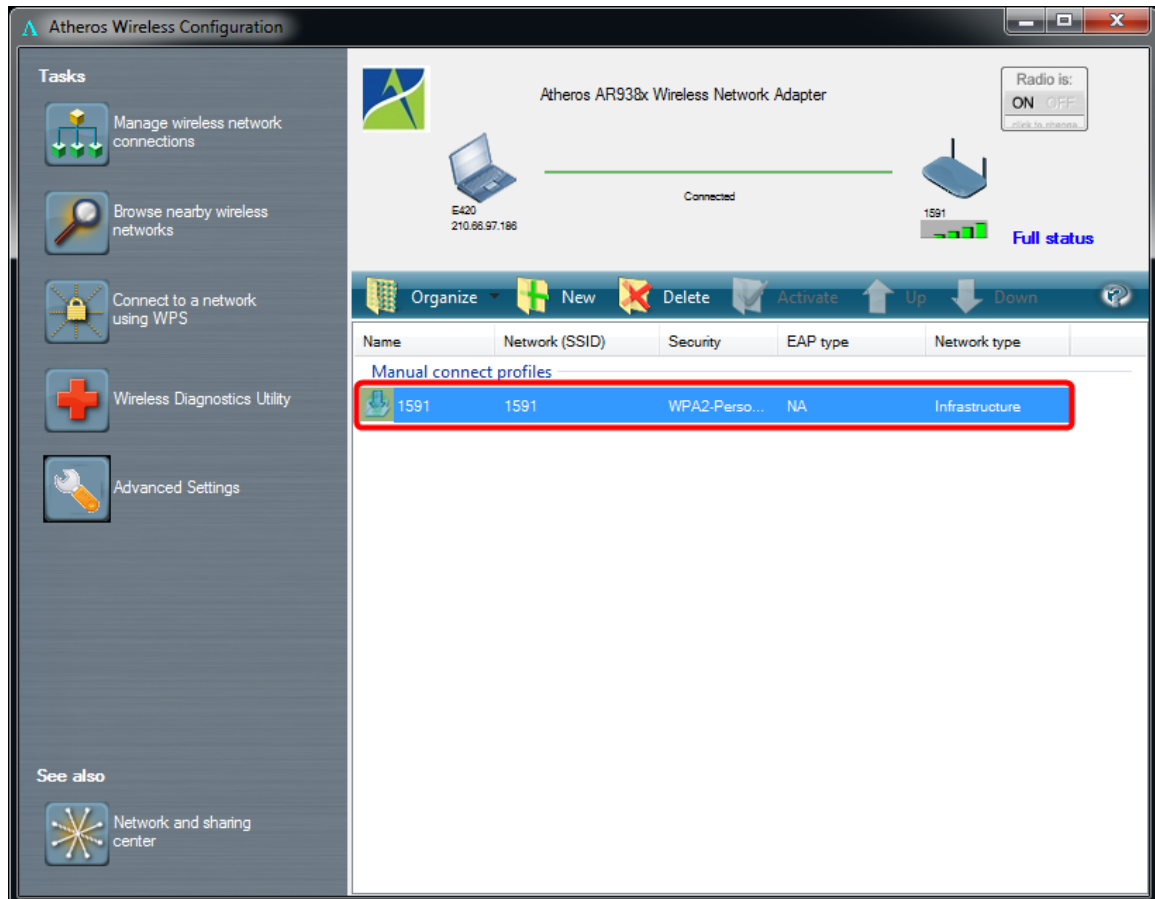
- c. Click the “Advanced security setting” icon to modify the Security/Encryption type manually in the “Wireless Network Properties” window, and then enter the “Network security key”.



- d. Click "OK" to save the profile, and then click "Connect" to connect to the AP you choose.

You will see your profile shows in the AWiC, and there shows the module has "connected" to AP.

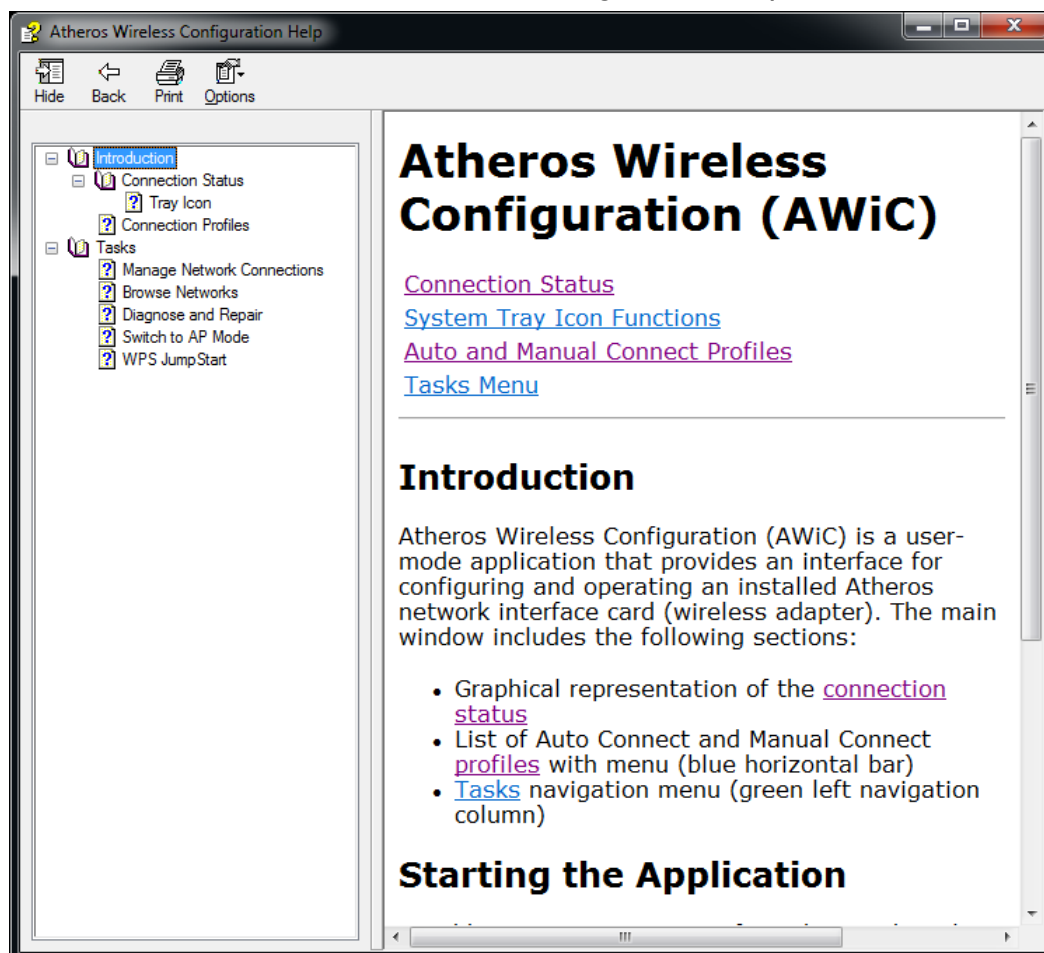
Be careful, if the "Network security key" was entered incorrect, you won't be able to exchange any data frames, even though the AP can be connected.



5. At last, if you want to know more using method of AWiC, you could refer to the help file by click the question mark  at the top right corner of AWiC to open it.



Atheros Wireless Configuration Help.



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 or more 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.

This device is restricted to **indoor** use when operated in the 5.15 to 5.25 GHz frequency range.

This radio transmitter has been approved by FCC to operate with the antenna types listed below with the maximum permissible gain and required antenna impedance for each antenna type indicated. Antenna types not included in this list, having a gain greater than the maximum gain indicated for that type, are strictly prohibited for use with this device.

Ant. Type	Brand	Model	G _{ANT} (dBi)
Patch	Provision	GC102010	7.70
Patch	Provision	GC102010	7.70

This device and its antenna(s) must not be co-located or operating in conjunction with any other antenna or transmitter.

FCC Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance **20cm** between the radiator & your body.

LABEL OF THE END PRODUCT:

The final end product must be labeled in a visible area with the following " Contains TX FCC ID: **CUO-GIP116** ". If the size of the end product is larger than 8x10cm, then the following FCC part 15.19 statement has to also be available on the label: This device complies with Part 15 of 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.