

FCC Certifications



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.

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.

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.

IMPORTANT NOTE:

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.

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

IEEE 802.11b/g or 802.11n operation of this product in the U.S.A. is firmware-limited to channels 1 through 11.

CE Mark Warning



This equipment complies with the requirements relating to electromagnetic compatibility, EN 55022 class B for ITE, the essential protection requirement of Council Directive 89/336/EEC on the approximation of the laws of the Member States relating to electromagnetic compatibility.

Company has an on-going policy of upgrading its products and it may be possible that information in this document is not up-to-date. Please check with your local distributors for the latest information. No part of this document can be copied or reproduced in any form without written consent from the company.

Trademarks:

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Unpacking information

Before getting started, please verify that your package includes the following items:

1. IEEE 802.11n Wireless PCI
2. Three detachable antennae
3. One Quick Installation Guide
4. One Utility/ Manual CD

Installation guide

Note: The following driver installation guide uses Windows XP as the presumed operation system. The procedures and screens in Windows 2000 and Vista are familiar with Windows XP.

1. Insert this product to your computer. The system finds the newly installed device automatically. Click **Cancel** to close this window.
2. Insert the CD-Rom that came with this product to your CD-Rom drive. The menu window pops up automatically. Please click the Driver button of this product.

Note: If the CD-Rom fails to auto-run, please click on **My Computer > your CD-Rom drive > (folder of this product) > Driver** then double-click the Setup icon to start this menu.

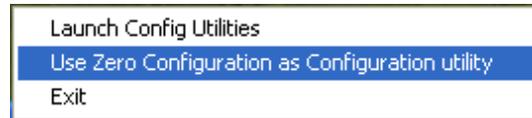
3. Select if you are going to configure your wireless network with this device or with Microsoft Zero Configuration tool. (**Note:** This can be changed after installing this software.)
4. Select to optimize this adapter in WiFi mode or performance mode.

Note: The performance mode is only available while connecting to a TX Burst supported AP. Users that uses the AP without TX Burst please select WiFi mode (standard mode).

5. Click the **Install** button to start installing.
6. Click the **Finish** button to complete installation.

Connect this adapter to your AP quickly

You could use either the software we provide or Microsoft Zero Configuration tool, please right click on the  icon on system tray to select.

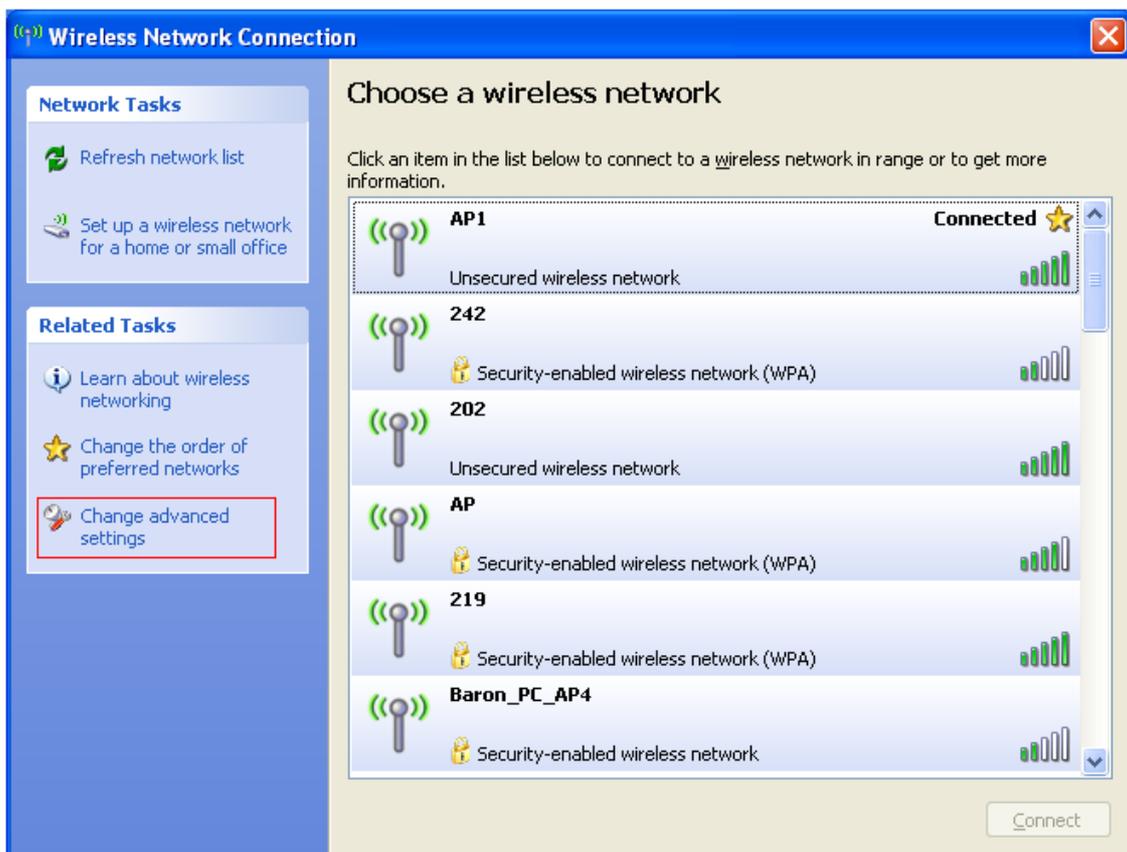


To connect with Microsoft Zero Configuration tool

1. Right click on the  icon on system tray.
2. Select **View Available Wireless Networks** to specify your wireless network.

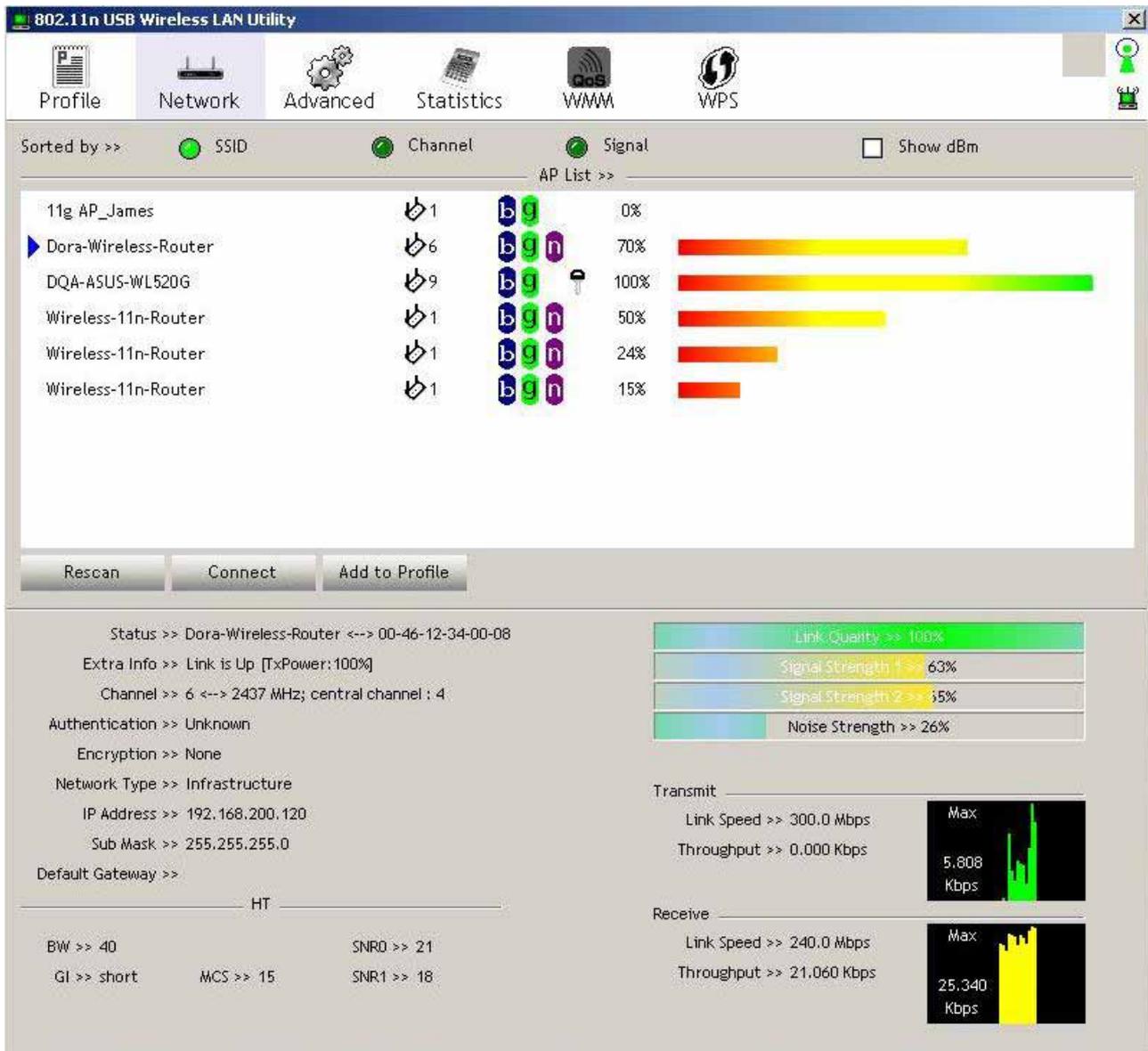


3. The tool shows the available wireless networks. Select your demanding network to connect with. To connect to a wireless network with more security settings, please click **Change advanced settings** to be compatible with your wireless network security settings.



To connect with 802.11n Wireless LAN utility

As default, the Utility is started automatically upon starting your computer and connects to a connectable wireless network with best signal strength. Right click on the  icon and select **Launch Config utilities** if the Utility does not start.



The screenshot displays the '802.11n USB Wireless LAN Utility' window. The interface includes a menu bar with 'Profile', 'Network', 'Advanced', 'Statistics', 'WMM', and 'WPS'. Below the menu, there are sorting options for 'SSID', 'Channel', and 'Signal', along with a 'Show dBm' checkbox. The main area shows an 'AP List' with the following data:

AP Name	Channel	Signal Strength	Link Quality
11g AP_James	1	0%	0%
Dora-Wireless-Router	6	70%	63%
DQA-ASUS-WL520G	9	100%	65%
Wireless-11n-Router	1	50%	26%
Wireless-11n-Router	1	24%	26%
Wireless-11n-Router	1	15%	26%

Buttons for 'Rescan', 'Connect', and 'Add to Profile' are located below the AP list. The bottom section provides detailed status and statistics for the selected network (Dora-Wireless-Router):

- Status: Dora-Wireless-Router <-> 00-46-12-34-00-08
- Extra Info: Link is Up [TxPower:100%]
- Channel: 6 <-> 2437 MHz; central channel : 4
- Authentication: Unknown
- Encryption: None
- Network Type: Infrastructure
- IP Address: 192.168.200.120
- Sub Mask: 255.255.255.0
- Default Gateway: HT
- Link Quality: 100%
- Signal Strength 1: 63%
- Signal Strength 2: 65%
- Noise Strength: 26%
- Transmit Link Speed: 300.0 Mbps
- Transmit Throughput: 0.000 Kbps
- Receive Link Speed: 240.0 Mbps
- Receive Throughput: 21.060 Kbps

You can change the connecting network by clicking on the network name and click the **Connect** button.

Select an available network and click **Add to Profile** to configure the encryption settings if you wish to connect to an AP with security protection.