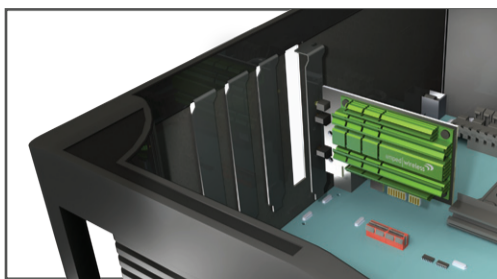High Power AC1200 Wi-Fi PCI-E Adapter   **PCI20E**

1 Install Adapter

Install the Adapter
Power off your PC and open the case to find an available PCI-E slot.

Insert the Adapter into the available PCI-E slot and close the lid.

Attach the Antennas
Locate the Antenna Stand and fasten the two antennas onto the antenna connectors.

Attach the antenna cable to the antenna connectors on the Adapter (located on the back of your PC).

If you choose not to use the antenna stand, you may also attach the antennas directly to the antenna connectors on the Adapter.

2 Insert the Setup CD
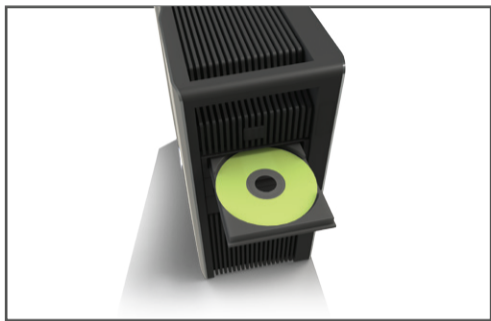
a Power on your Desktop PC

b Insert the Setup CD

Note: Windows XP Users
A Found New Hardware Wizard prompt will appear when your PC has powered on. Click Cancel to close the window and continue with the installation in Step 3 below.
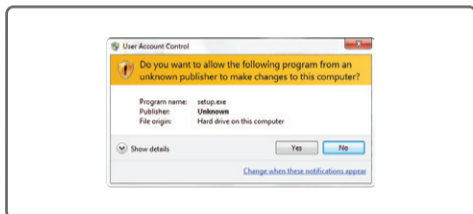
3 Follow the Instructions for your Operating System

Windows 8, 7, and Vista

A. From the Menu page, select Install Software

If the Menu page does not appear, browse the CD drive and double-click the Autoload.exe file.
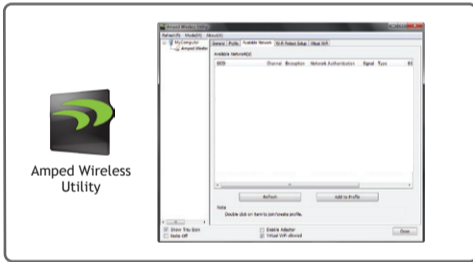
B. Start the Driver/Utility Installation

If prompted, click Yes to begin the installation.

C. Restart your Computer
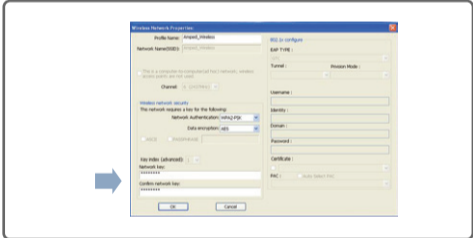

A prompt will appear asking you to restart your computer. Select Yes and click Finish to restart.

E. Connect to a Wireless Network

If your network has security enabled, you can enter it in the Network Key field and click OK.

D. Locate a Wireless Network

Amped Wireless Utility

Once Windows has completed the software installation, locate the Amped Wireless Utility on your desktop and open the software by double-clicking the icon. Select the Available Networks tab to view nearby networks.
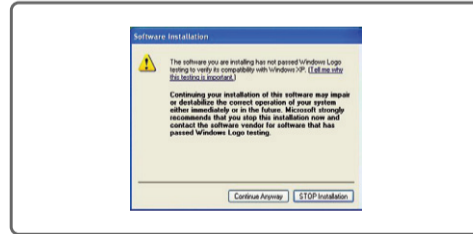
Highlight the network that you wish to connect to and double-click it to connect or click, Add to Profile, to have your computer connect automatically when the network is available.

Windows XP

A. From the Menu page, select Install Software

If the Menu page does not appear, browse the CD drive and double-click the Autoload.exe file.
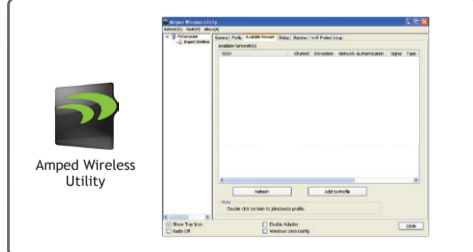
B. Software Installation

If you are prompted by a Windows Logo message, click Continue Anyway to proceed.

C. Restart your Computer

After the driver installation, a prompt will appear asking you to restart your computer. Select Yes and click Finish to restart.

E. Connect to a Wireless Network

If your network has security enabled, you can enter it in the Network Key field and click OK.

D. Locate a Wireless Network

Amped Wireless Utility

Once Windows has completed the software installation, locate the Amped Wireless Utility on your desktop and open the software by double-clicking the icon. Select the Available Networks tab to view nearby networks.
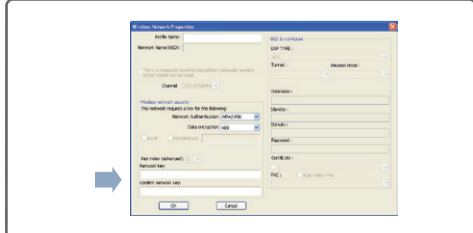
Highlight the network that you wish to connect to and double-click it to connect or click, Add to Profile, to have your computer connect automatically when the network is available.

Using the Utility
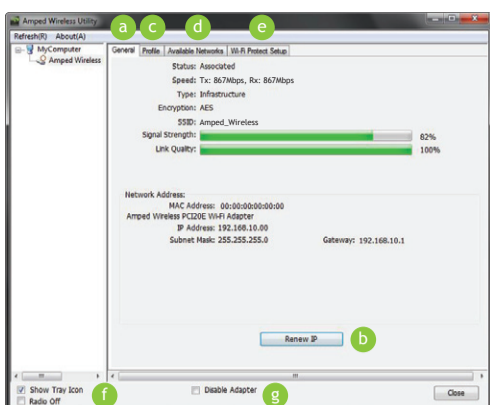
a **General/Status:** Shows the current connection status between the PCI20E and the associated Wi-Fi Network.

b **Renew IP:** If the status shows that you are connected to a network, however, you are not able to access the Internet, click the Renew IP button to request a new IP from the router.

c **Profile:** Save the settings and password to any Wi-Fi network. Profiles allow you to automatically connect to saved networks whenever the adapter is in range of the network.

d **Available Networks:** Display and connect to available networks within range of the PCI20E.

e **Wi-Fi Protected Setup (WPS):** Allows for an alternative method to connect to a Wi-Fi network for routers that support the WPS function.

f **Radio Off:** Disables the Wi-Fi radio on the PCI20E. Disabling the radio will also disconnect you from your Wi-Fi connection.

g **Disable Adapter:** Disables the network adapter from your computer's operating system.

LED Indications / Ports

Activity LED:
Blinks when there is data activity on either the 2.4GHz or 5.0GHz connection.

Antenna Connectors:
The RJ-SMA antenna connector is used to connect directly to the provided high gain antennas or to the included antenna stand cables. Be sure to tighten the connectors to ensure a solid connection for optimal performance.

Optimal Antenna Placement

a Place your antenna on the top of a table or at the highest point possible for the best performance.

b Position the antennas at opposite angles to find the best orientation for optimal coverage.
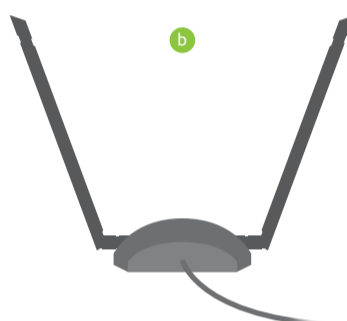
Troubleshooting

PROBLEM: My Wi-Fi speed seems slow or not at 802.11ac rates.

SOLUTIONS: a. To achieve 802.11ac Wi-Fi speeds, it is necessary to connect to an 802.11ac Wi-Fi router. For optimal performance we recommend the Amped Wireless RTA15 router.

b. You may be experiencing your Internet speed and not your local network speed. Internet speeds are limited by the Internet bandwidth provided by your service provider. Websites such as www.speedtest.net test Internet speed and not your internal network speed. Transferring files between two local computers would give you your actual network speed.

c. Check that your antennas are fastened tightly to the antenna ports or antenna stand. Place the antenna stand in a location with less obstructions and angle the antennas for better performance.

PROBLEM: I've inserted the PCI20E and installed the drivers, but I am unable to connect to any Wi-Fi networks.

SOLUTIONS: a. Check that your PCI20E adapter was properly inserted into your PCI-E slot and that the antennas are fastened tightly.

b. Go to your Control Panel and uninstall the PCI20E driver/software. Check that all antivirus programs are disabled. Then reinstall the PCI20E driver/software.

Warranty and Regulatory Information

Regulatory Information