NP290W Turbo Wireless HomePlug with NP285 Turbo HomePlug Scenarios Quick Setup Guide

4.1 To connect the HomePlug Wireless Adapter with a computer:

1. Insert one end of an Ethernet cable from the computer’s Ethernet port, then insert the other end into the HomePlug’s Ethernet port. 
   Note: When setting up the HomePlug Wireless Adapter with a computer, you have to set the static IP Address in the computer’s network card. For instructions, please refer to Configuring TCP/IP.
2. Plug the HomePlug Wireless Adapter into the electrical outlet.

Steps:
1. Using PC1. Set PC1’s NIC to static IP address (see How to set LAN NIC to static IP address) in the range of 192.168.1.x and subnet 255.255.255.0.
2. Run CD Utility, complete the wizard
3. PC2 can connect to NP290W wireless. Ensure that on the wireless side of PC2, set it to static IP address (see How to set Wireless NIC to static IP address) on the WiFi card.
4. PC1 and PC2 can now see each other.
5. To configure the NP290W set PC1 LAN NIC to static IP Address, then open a web browser and go to 192.168.1.254.

4.2 To connect the HomePlug Wireless Adapter with an existing network/router:

1. Insert one end of an Ethernet cable from the router’s Ethernet port, then insert the other end into the HomePlug’s Ethernet port.
2. Plug the HomePlug Wireless Adapter into the electrical outlet.

Steps:
1. Using PC connected to Broadband Router via an Ethernet cable. Set the PC NIC to obtain IP automatically (see How to set LAN NIC to obtain IP automatically).
2. Run the CD Utility, the utility will automatically find the IP address assigned to the NP290W. Complete the wizard.
3. Now you can use the Wireless Enabled PC wirelessly to the NP290W. Ensure that the Wireless Enabled PC NIC is set to obtain IP automatically (see How to set Wireless NIC to static IP Address).
4. To configure the NP290W, run the CD Utility to find the IP address of the NP290W. Enter this IP address to a web browser, from either PC connected to the Broadband Router or the Wireless Enabled PC.
4.3 To connect the HomePlug Wireless Adapter as a wireless client:

1. Insert one end of an Ethernet cable from the computer's Ethernet port, then insert the other end into the HomePlug’s Ethernet port.

2. Plug the HomePlug Wireless Adapter into the electrical outlet.

3. Open a browser.

Note: Ensure that the NP290W LAN configuration is set to request DHCP automatically. For instructions, please refer to Configuring TCP/IP.

Steps:

1. Using PC connected directly to the NP290W. Set PC’s NIC to static IP address (see How to set LAN NIC to static IP address) in the range of 192.168.1.x and subnet 255.255.255.0.

2. Run CD Utility, complete the wizard.

3. Open a web browser and go to 192.168.1.254.

4. From the Web User Interface, click Wireless Menu.

5. Select AP Mode.


7. Click Save then wait two minutes for the device to restart.

8. Enter the Administrator password. The default Administrator password is admin.

9. Click Wireless Menu.

10. Select AP Mode.

11. Under Wireless Client, click Site Survey. This scans the network and opens the Site Survey page.

12. Click your wireless network host and then click Connect AP.

13. Click OK in the confirmation box. This takes you back to the AP mode page with the selected AP SSID displayed.

14. Click Save.

15. Change the PC NIC from static IP address to obtain IP address automatically.

How to set LAN NIC to static IP address:

1. Select Start > Run. This opens the Run dialog box.

2. Enter control ncpa.cpl and then click OK. This opens Network Connections.

3. Right-click Local Area Connection and then select Properties.

4. Select Internet Protocol (TCP/IP) and then click Properties. This opens the Internet Protocol dialog box.

5. Select Use the following IP address.

6. Enter the IP Address to be used. You can enter any IP address between 192.168.1.2 to 192.168.1.253.

7. Enter the IP Address to be used. You can enter any IP address between 192.168.1.2 to 192.168.1.253.

8. Click Subnet mask. When you click the field for Subnet mask, 255.255.255.0 automatically appears.

9. Click OK to close the Internet Protocol (TCP/IP) dialog box.

10. Click OK to close the Local Area Connection Properties dialog box.
**How to set LAN NIC to obtain IP address automatically:**

11. Select Start > Run. This opens the Run dialog box.
12. Enter control ncpa.cpl and then click OK. This opens Network Connections.
13. Right-click Local Area Network (LAN) and then select Properties.
14. Select Internet Protocol (TCP/IP) and then click Properties. This opens the Internet Protocol dialog box.
15. Select Obtain IP address automatically.
16. Click OK to close the Internet Protocol (TCP/IP) dialog box.
17. Click OK to close the Local Area Connection Properties dialog box.

**How to set Wireless NIC to static IP Address:**

1. Select Start > Run. This opens the Run dialog box.
2. Enter control ncpa.cpl and then click OK. This opens Network Connections.
3. Right-click Wireless Network Connection and then select Properties.
4. Select Internet Protocol (TCP/IP) and then click Properties. This opens the Internet Protocol dialog box.
5. Select Use the following IP address.
6. Enter the IP Address to be used. You can enter any IP address between 192.168.1.2 to 192.168.1.253.
7. Click Subnet mask. When you click the field for Subnet mask, 255.255.255.0 automatically appears.
8. Click OK to close the Internet Protocol (TCP/IP) dialog box.
9. Click OK to close the Wireless Network Connection Properties dialog box.

**How to set Wireless NIC to obtain IP Address automatically:**

11. Select Start > Run. This opens the Run dialog box.
12. Enter control ncpa.cpl and then click OK. This opens Network Connections.
13. Right-click Wireless Network Connection and then select Properties.
14. Select Internet Protocol (TCP/IP) and then click Properties. This opens the Internet Protocol dialog box.
15. Select Obtain IP Address automatically.
16. Click OK to close the Internet Protocol (TCP/IP) dialog box.
17. Click OK to close the Wireless Network Connection Properties dialog box.