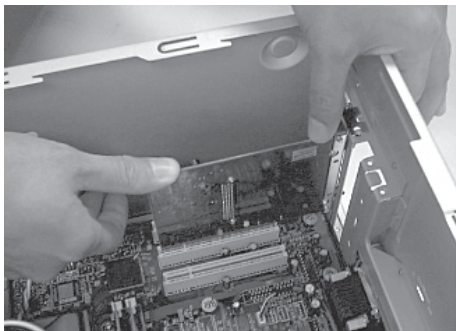# Hardware Installation

Note The product model shown in this QIG is TL-WN851N, as an example.

1.   Power down your computer and unplug its power cord;

2.   Open the case and locate an available PCI slot on the motherboard;

3.   Insert the PCI Adapter into the PCI slot. Make sure that all of its pins are touching the slot's contacts. You may have to apply a bit of pressure to slide the adapter all the way in. After the adapter is firmly in place, secure its fastening tab to your computer's chassis with a mounting screw;

4.   Close the case and insert the power cable into the computer, then turn on the computer.

Software Installation

Note If you are running **Windows 2000**, please install the device by referring to the "**Installation Guide**" part of the User Guide on the included Resource CD.

1   For Windows XP

1 Installing Adapter Driver

You may see the **Found New Hardware Wizard** when the computer boots up. This is the default setup wizard of Windows XP. For a smoother installation, **please click "Cancel" and insert the provided TP-LINK Resource CD**.
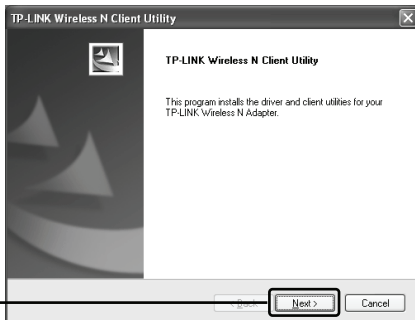
Click **Cancel**

After inserting the provided Resource CD into your CD-ROM drive, the Setup Wizard will automatically pop up on your computer's screen.
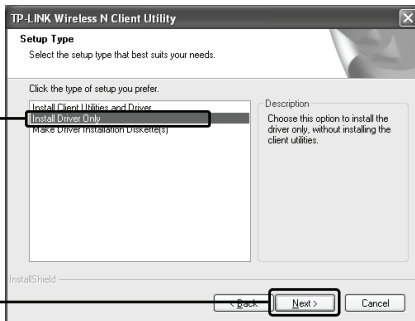
Choose **Install Driver&Utility**
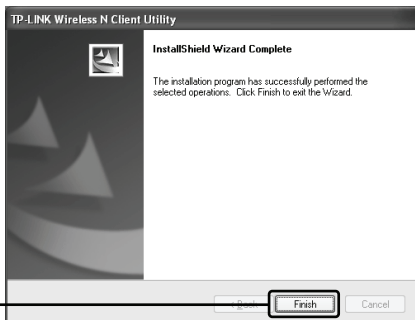
Click **Next**

Choose **Install Driver Only**

Click **Next**

Follow the step-by-step instructions to finish the driver installation.

If prompted to 'The software has not passed Windows Logo testing to verify its compatibility with Windows XP', click **Continue Anyway** to continue.
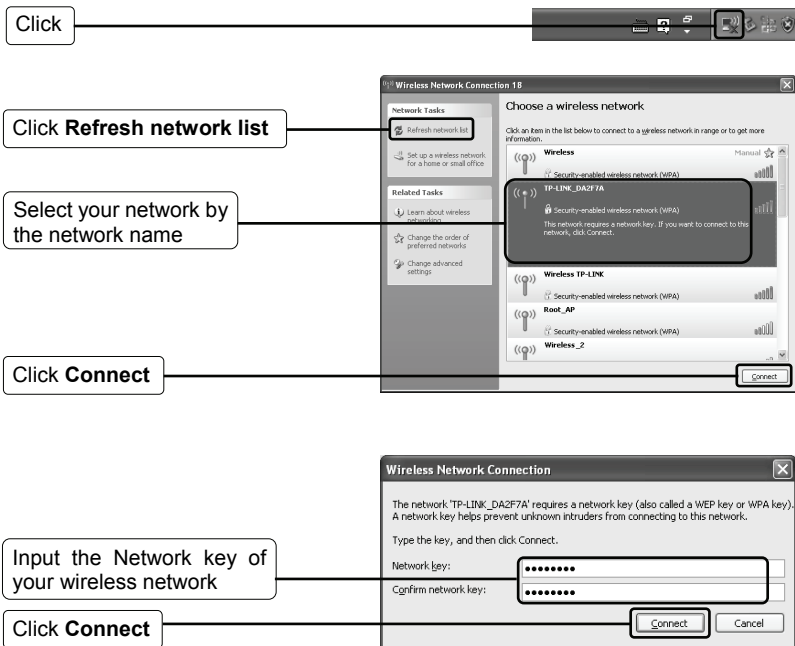
Click **Finish**

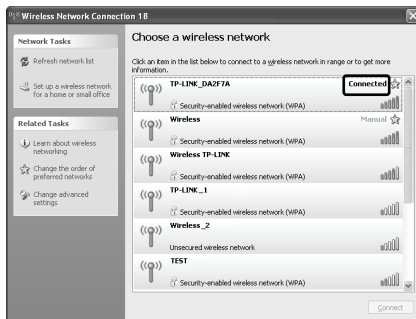**2** **Connecting to the Wireless Router/Access Point**

| Note | If the Wirless Router/Access Point supports **Wi-Fi Protected Setup (WPS)** function, you are recommanded to use the QSS (Quick Secure Setup) to quickly connect to your wireless network. Please refer to the **Appendix Connecting to the Wireless Router by QSS**. |

After you have successfuly installed the driver software, the icon will appear on the bottom right-hand corner of your desktop.

| Click |

| Click **Refresh network list** |

| Select your network by the network name |

| Click **Connect** |

| Input the Network key of your wireless network |

| Click **Connect** |

| Note | If you don't know the wireless network key, please consult the network administrator or log on to the setup page of your Wireless Router/Access Point with an Ethernet cable to check the wireless security settings. Please refer to the manual of your Wireless Router/Access Point or contact the manufactory's technical support for more details. |

You have now successfully connected to your wireless network.

If your network is an unsecured network, you will not be prompted to input the Network key. It will connect to your network automatically.
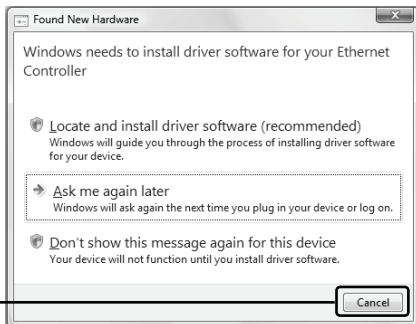
2 For Windows Vista

1 Installing Adapter Driver

You may see the **Found New Hardware Wizard** when the computer boots up. This is the default setup wizard of Windows Vista. For a smoother installation, **please click "Cancel" and insert the provided TP-LINK Resource CD**.
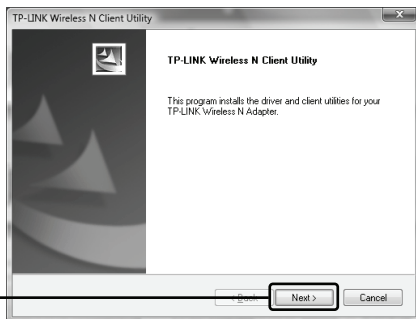
Click **Cancel**

After inserting the provided Resource CD into your CD-ROM drive, the Setup Wizard will automatically pop up on your computer's screen.
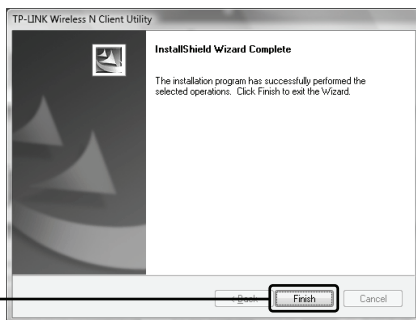
Choose **Install Driver&Utility**

Click **Next**

Follow the step-by-step instructions to finish the driver installation.

If prompted to 'Windows can't verify the publisher of this driver software', click **Install the driver software Anyway** to continue.
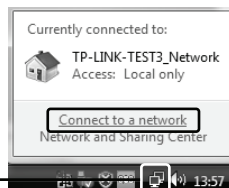
Click **Finish**

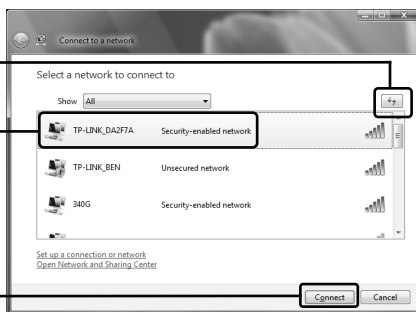## **2** **Connecting to the Wireless Router/Access Point**

Note If the Wirless Router/Access Point supports **Wi-Fi Protected Setup (WPS)** function, you are recommanded to use QSS (Quick Secure Setup) to quickly connect to your wireless network. Please refer to the Appendix **Connecting to the Wireless Router by QSS**.

Click this icon at the bottom right of the desktop and then click **Connect to a network**
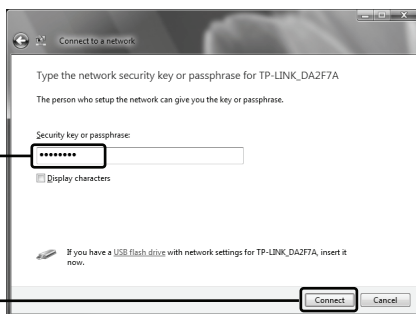
> Currently connected to:
> TP-LINK-TEST3_Network
> Access: Local only
>
> Connect to a network
> Network and Sharing Center

Click this button to refresh the network list

Select your network by the network name

> Connect to a network
>
> Select a network to connect to
>
> Show | All
>
> TP-LINK_DA2F7A   Security-enabled network
> TP-LINK_BEN   Unsecured network
> 340G   Security-enabled network
>
> Set up a connection or network
> Open Network and Sharing Center

Click **Connect**

Input the Network key of your wireless network

> Connect to a network
>
> Type the network security key or passphrase for TP-LINK_DA2F7A
>
> The person who setup the network can give you the key or passphrase.
>
> Security key or passphrase:
> ••••••••
>
> Display characters
>
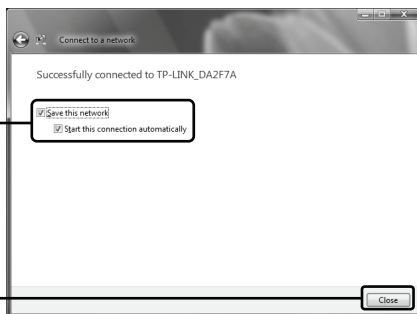> If you have a USB flash drive with network settings for TP-LINK_DA2F7A, insert it now.

Click **Connect**

Note If you don't know the wireless network key, please consult the network administrator or log on to the setup page of your Wireless Router/Access Point with an Ethernet cable to check the wireless security settings. Please refer to the manual of your Wireless Router/Access Point or consult the manufactory's technical support for more details.

You have now successfully connected to your wireless network.

Save this network for automatically connecting

Click **Close**

Note If your network is an unsecured network, you will not be prompted to input the Network key. It will connect to your network automatically.
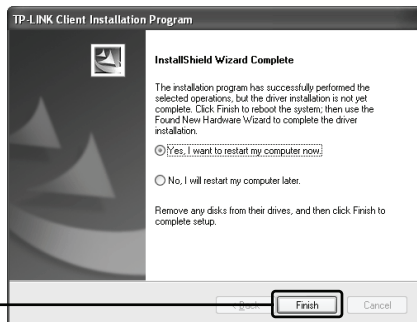
1 **Installing the QSS Driver**

Click **Install QSS**

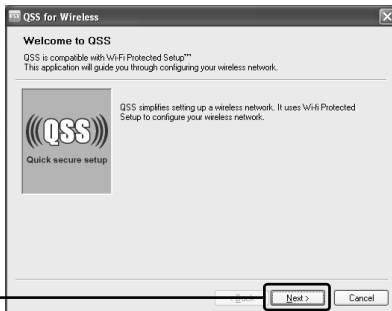Follow the step-by-step instructions to finish the QSS installation.

Click **Finish**

② Connecting to the Wireless Router

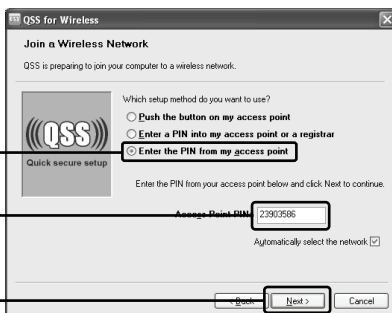Double click the icon on the desktop to open the QSS Utility, and this page will display.

Click **Next**

Select **Enter the PIN from my access point**

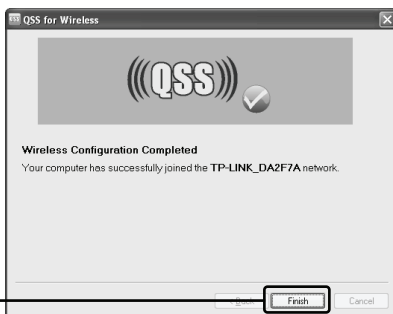Input the **PIN** printed on the back of the Router

Click **Next**

Wait for the Adapter to connect to the Wireless Router.

Click **Finish** to complete the connection.

Click **Finish**

Technical Support

- For more troubleshooting help, go to:

  www.tp-link.com/support/faq.asp

- To download the latest Firmware, Driver, Utility and User Guide, go to:

  www.tp-link.com/support/download.asp

- For all other technical support, please contact us by using the following details:

Global
Tel: +86 755 26504400
E-mail : support@tp-link.com
Service time:24hrs, 7days a week

Singapore
Tel: +65 62840493
E-mail: support.sg@tp-link.com
Service time: 24hrs, 7days a week

Germany / Austria / Switzerland
Tel :+49 1805 875465 (German Service)
E-mail: support.de@tp-link.com
Service time: GMT+ 1 or GMT+ 2 (Daylight Saving Time in Germany)
Except bank holidays in Hesse

Australia & New Zealand
Tel: AU 1300 87 5465
          NZ 0800 87 5465
E-mail: support@tp-link.com.au
Service time: Monday to Friday 9:00 AM to 9:00 PM AEST

USA/Canada
Toll Free: +1 866 225 8139
E-mail: support.usa@tp-link.com
Service time: 24hrs, 7days a week

UK
Tel: +44 (0) 845 147 0017
E-mail: support.uk@tp-link.com
Service time: 24hrs, 7days a week