## 5) Quick setup

To start quick setup, click **Next** to enter the "Quick Setup" page. Follow the instructions to setup the ASUS Wireless Router.

- 1. Select your time zone and click **Next**.
- 2. ASUS wireless router supports five types of ISP services: cable, PPPoE, PPTP, static WAN IP, and Telstra BigPond. Select your connection type and click **Next** to continue.

| Cable or dynamic IF | י user |
|---------------------|--------|
|---------------------|--------|

If you are using services provided by cable ISP, select **Cable Modem or other connection that gets IP automatically**. If your ISP provides you with the hostname, the MAC address, and the heartbeat server address, fill these information into the boxes on the setting page; if not, click **Next** to skip this step.

|   | ou are locating in.  |
|---|--|
| Time Zone:  | (GMT+08.00) Beijing, Hong Kong   |
|   |  |
|   | Next   |
| Salast laterast Connection To   |  |
| Select Internet Connection Ty   | ype  |
| ASUS Wireless Router supports sever<br>Please select connection type you ne<br>sure you have connected ASUS Wirel   | al kinds of connection to Internet through its WAN port<br>sed. In addition, before getting on Internet, please mak<br>less Router's WAN port to your DSL or Cable Modem.  |
| Cable Modem or other connection ty  | ype that gets IP automatically.  |
| <sup>C</sup> ADSL connection that requires user   | name and password. It is known as PPPoE.   |
| $^{\bigcirc}$ ADSL connection that requires user  | name, password and IP address. It is known as PPTP.  |
| $^{\rm C}$ ADSL or other connection type that   | uses static IP address.  |
| C Telstra BigPond Cable Modern Serv   | rice.  |
|   |  |
|   | Prev   |
|   |  |
|   |  |
| muse in particular  | 00   |
| Fill Information Required by I  | SP   |
| Fill Information Required by I<br>Your ISP may require the following in<br>ignore it.   | SP<br>formation to identify your account. If not, just press N   |
| Fill Information Required by I-<br>Your ISP may require the following in<br>ignore it.<br>Host Name:  | SP<br>formation to identify your account. If not, just press No  |
| Fill Information Required by I-<br>Your ISP may require the following in<br>ignore it.<br>Most Name:<br>MAC Address:  | SP<br>formation to identify your account. If not, just press Ne  |
| Fill Information Required by I:<br>Your ISP may require the following in<br>ignore it.<br>Host Name:<br>MAC Address:<br>Heart-Beat Server:  | SP<br>formation to identify your account: If not, just press N   |
| Fill Information Required by I<br>Your ISP may require the following in<br>ignore it.<br>Host Name:<br>MAC Address:<br>Heart Beat Server:   | SP   |
| Fill Information Required by I.<br>Your ISP may require the following in<br>sprine it.<br>Meas Name:<br>MacC Adress:<br>Heart Beat Server:  | SP<br>formation to identify your account. If not, just press N   |
| Fill Information Required by I.<br>Your 159 may require the following in<br>grows it.<br>Mac Nations:<br>Heart Beat Server:<br>WAN IP Setting   | SP<br>formation to identify your account. If not, just press No<br>Pier Next   |
| Fill Information Required by I.<br>Your 13P may require the following in<br>sprine it.<br>Meas Name:<br>McC Adress:<br>Heart Beat Server:<br>WAN IP Setting<br>Fill TCP/IP setting for WLSDOP to co   | SP formation to identify your account; If not, just press No press Not Press   |
| Fill Information Required by I.<br>Your ISP may require the following in<br>sprore it.<br>Most Name:<br>Mac Adress:<br>Heart Beat Server:<br>WAN IP Setting<br>Fill TCP/IP setting for WL500gP to co  | SP formation to identify your account. If not, just press No formation to identify your account. If not, just press No Prev Next Prev Next   |
| Fill Information Required by I:<br>Your ISP may require the following in<br>sprore it.<br>Mox Name:<br>MAC Address:<br>Heart Beat Server:<br>WAN IP Setting<br>Fill TCP/IP Setting for WL500gP to co<br>Get IP automatically?<br>IP Address:  | SP<br>formation to identify your account. If not, just press No<br>Prev Next<br>Prev Next<br>Prev Next   |
| Fill Information Required by I.<br>Your ISP may require the following in<br>Ignore it.<br>MacNatless:<br>Heart Beat Server:<br>WAN IP Setting<br>Fill TCP/IP setting for WL500gP to co<br>Get IP automatically?<br>Fill Patterss:<br>Subnet Mask:   | SP formation to identify your account; If not, just press No formation to identify your account; If not, just press No press No press No press No format through WAN port.   |
| Fill Information Required by I.<br>Your ISP may require the following in<br>Ignore it.<br>Heat Name:<br>MAC Address:<br>Heart Beat Server:<br>WAN IP Setting<br>Fill TCP/IP setting for VL500gP to co<br>Get IP automatically?<br>IP Address:<br>Subnet Mask:<br>Default Gatoway:   | SP formation to identify your account. If not, just press No formation to identify your account. If not, just press No Prev Prev Next Prev Prev Prev Prev Prev Prev Prev Prev  |
| Fill Information Required by I.<br>Your IS may require the following in<br>grow it.<br>MAC Address:<br>MAC Address:<br>MAC I Beat Server:<br>WAN IP Setting<br>Fill TCP/IP setting for WL500gP to co<br>Get IP automatically?<br>IP Address:<br>Submet Mask:<br>Default Gateway:<br>Get DHS Server automatically?                                     | SP<br>formation to identify your account. If not, just press N<br>Prive Next<br>Prive Next<br>Prive Next<br>Prive Next<br>Prive Next   |
| Fill Information Required by I.<br>Your IS may require the following in<br>gone it.<br>Mac Matrees:<br>Mac Address:<br>Mac Address:<br>WAN IP Setting<br>Fill TCP/IP setting for VL500gP to co<br>Get IP automatically?<br>IP Address:<br>Subset Mack:<br>Default Gatway:<br>Get DIS Server automatically?<br>DIS Server 1:                           | SP   |
| Fill Information Required by I.<br>Your 157 may require the following in<br>gives it.<br>Mac Matrices:<br>Mac Address:<br>Heart Beat Server:<br>WAN IP Setting<br>Fill TCP/IP setting for VASDOgP to co<br>Get IP automatically?<br>IP Address:<br>Subnet Mask:<br>Default Gatoway:<br>Get DMS Server submatically?<br>DMS Server 1:<br>DMS Server 2: | SP<br>formation to identify your account. If not, just press N<br>Prev Next<br>Prev |

### **PPPoE** user

If you use PPPoE service, select **ADSL** connection that requires username and password. It is known as PPPoE. You need to input the username and password provided by your ISP. Click Next to continue.

| Set Your Account to ISP   |           |  |
|---|-----------|--|
| If you apply an account with dynamic IP. You must get user account and password from your<br>ISP. Please fill this data into the following fields carefully. Or, if you apply an ADSL account with<br>static IP, just ignore user name and pasword information. |           |  |
| User Name: abc@hinnet.net   |           |  |
| Password:   |           |  |
|   |           |  |
|   | Prev Next |  |





#### **PPTP user**

If you are using PPTP services, select ADSL connection that requires username, password and IP address. Fill in the username, the password and the IP address provided by your ISP into the fields. Click Next to continue.

#### et Your Account to ISP

If you apply an account with dynamic IP. You must get user account and password from your ISP. Please fill this data into the following fields carefully. Or, if you apply an ADSL account with static IP, just ignore user name and pasword information.

| rord: |                      |  |  |
|-------|----------------------|--|--|
| lame: | herk036@adsl-comfort |  |  |

Prev Next

| w    | AN  | IP  | Settir  | ıç |
|------|-----|-----|---------|----|
| Fill | тср | /IP | setting | fi |

User I

| Fill TCP/IP setting for WLS00gP to connec | t to Internet through WAN port. |
|---|---------------------------------|
| Get IP automatically?                     |                                 |
| IP Address:                               | 219.31.111.12                   |
| Subnet Mask:                              | 255.255.255.0                   |
| Default Gateway:                          | 219.31.111.1                    |
| Get DNS Server automatically?             | C Yes 🖌 No                      |
| DNS Server 1:                             | 168.95.1.1                      |
| DNS Server 2:                             |                                 |
|   |                                 |
|   | Prev Next                       |

#### Static IP user

If you are using ADSL or other connection type that uses static IP address, select **ADSL** or other connection type that uses static IP address. Input the IP address, the subnet mask, and the default gateway provided by your ISP. You can specify DNS servers, or get DNS information automatically.

| WAN IP Setting                            |                                 |
|---|---------------------------------|
| Fill TCP/IP setting for WL500gP to connec | t to Internet through WAN port. |
| Get IP automatically?                     | € Yes € No                      |
| IP Address:                               | 219.31.111.12                   |
| Subnet Mask:                              | 255.255.255.0                   |
| Default Gateway:                          | 219.31.111.1                    |
| Get DNS Server automatically?             | € Yes € No                      |
| DNS Server 1:                             | 168.95.1.1                      |
| DNS Server 2:                             |                                 |
|   |                                 |
|   | Prev Next                       |

3. After the connection type setting is complete, you are to set up your wireless interface. Specify to your wireless router an SSID (Service Set Identifier), which is a unique identifier attached to packets sent over WLAN. This identifier emulates a password when a device attempts to communicate with your wireless router via WLAN.

|  | the second se                      |
|--|--|
| First step to set your wireless interface<br>would like to protect transmitted data, p<br>for authentication and data transmission | is to give it a name, called SSID. In addition, if you<br>lease select the Security Level and assign a passwor<br>if it is required. |
| SSID:  | WL500W   |
| Security Level:  | Low(None)  |
| Passphrase:  | Low(None)<br>Medium(WEP-64bits)<br>Medium(WEP-128bits)   |
| WEP Key 1 (10 or 26 hex digits):   | High(WPA-PSK)  |
| WEP Key 2 (10 or 26 hex digits):   |  |
| WEP Key 3 (10 or 26 hex digits):   |  |
| WEP Key 4 (10 or 26 hex digits):   |  |
| Key Index:   |  |

If you want to protect transmitted data, select a Security Level to enable encryption methods.

**Medium:** Only users with the same WEP key settings can connect to your wireless router and transmit data using 64bits or 128bits WEP key encryption.

**High:** Only users with the same WPA pre-shared key settings can connect to your wireless router and transmit data using TKIP encryption.

4. Input four sets of WEP keys in the WEP Key fields (10 hexadecimal digits for WEP 64bits, 26 hexadecimal digits for WEP 128bits). You can also let the system generate the keys by inputting a Passphrase. Record the Passphrase and the WEP keys in your notebook, then click Finish.

For example, if we select WEP 64bits encryption mode and input 11111 as the Passphrase, the WEP Keys are generated automatically.

 Click Save&Restart to restart the wireless router and activate the new settings.

| Configure Wireless Interface   |   |
|--|---|
| First step to set your wireless interface is to give it a<br>would like to protect transmitted data, please select<br>for authentication and data transmission if it is requir | a name, called SSID. In addition, if you<br>the Security Level and assign a password<br>ed. |
| SSID:  | WL500W  |
| Security Level:  | Medium(WEP-64bits)  |
| Passphrase:  |   |
| WEP Key 1 (10 or 26 hex digits):   |   |
| WEP Key 2 (10 or 26 hex digits):   |   |
| WEP Key 3 (10 or 26 hex digits):   | *******   |
| WEP Key 4 (10 or 26 hex digits):   |   |
| Key Index:   | 1 💌   |
|  | Prev Finish   |
|  |   |
| Save & Restart   |   |
| You have finished the basic setting. You can just pre<br>setting or perform other advanced settings.<br>Swe&Rest:  | ss <b>Save®Restart</b> button to apply your   |

**Note:** We recommend using WL-100W wireless adapters to connect WL-500W so as to achieve high speed data transmission.

6. To connect the wireless router from a wireless client, you can use Windows<sup>®</sup> Wireless Zero Configuration service to set up the connection. If you use ASUS Wireless Card on your computer, you can use the One Touch Wizard utility supplied in WLAN Card support CD for wireless connection.

#### Configuring ASUS WLAN Card with One Touch Wizard

If you have installed ASUS wireless card together with its utilities and drives on your PC, click Start -> All Programs -> ASUS Utility-> WLAN Card -> One Touch Wizard to launch the One Touch Wizard utility.

|    | è  | Windows Catalog                 |  |    |  |            |                                     |
|----|----|---------------------------------|--|----|--|------------|-------------------------------------|
| 4  | 6  | Windows Update                  |  |    |  | <u>(((</u> | ASUS WLAW Control Center            |
|    | >  | Set Program Access and Defaults |  |    |  | 2          | Mobile Manager                      |
| -  |    |                                 |  |    |  |            | One Touch Wizard                    |
| P  |    | Programs                        | Accessories                                      | ۲  |  | 0          | Site Monitor                        |
|    | •• |                                 | Borland C++Builder 5                             | •  |  |            | <ul> <li>TroubleShooting</li> </ul> |
| K  | 3  | Documents +                     | Marvell(R) Libertas 802.11 abg Client and SoftAP | ۶. |  | 8          | Uninstall ASUS WLAN Card Utilities  |
| 17 | 1. | Settings                        | ASUS Utility                                     | •  | WLAN Card                                | 1          | Wireless Settings                   |
|    | 1  | Soldings .                      | *  | 16 | 520g&500g-X&550gE&500g-E Wireless Router | •          |                                     |
| 8  |    | Search +                        |  |    |  | _          |                                     |
| •  |    | Help and Support                |  |    |  |            |                                     |

1) Select Connect to an existing wireless LAN (Station) radio button and click Next to continue.

| ASUS ONE TOUCH WIZARD |   | X |
|-----------------------|---|---|
| Wireless LAN          | Wolcows Is the westers: safe, wised.       The Visical of logs processing any para westers LAN, Internet<br>and any encode visition.       Place select the operation mode that you wart to use.       Operation. Mode       C     Data on encode visition.       C     Data on encode visition.       C     Constant on encode visition. |   |
|                       | Click Next to continue.   |   |
|                       | 🗘 < Back Next > 🕸 🗶 Cancel  | ] |

 Set the authentication and encryption of your WLAN card the same with those at WL-500W. In the previous steps the Key Length is 64 bits, Passphrase is 11111 Click Next to continue.

| ASUS ONE TOUCH WIZAR | 0  |   |
|----------------------|--|---|
|                      | Configure your W<br>Generation, Refe<br>WEP keys.<br>Click Next to con | EP kays by Manual Assignment or Automatic<br>r to the user guide for details on how to set the<br>kinue.<br>Inication (Shared mode) |
|                      | Key Format:  | Hexadecimal digits .  |
|                      | Key Length   | 64 bits (10 digits)   |
|                      | grment   |   |
|                      |  | 97CA326539  |
| 0                    |  | 6128764058  |
| S THE                |  | 682FFC3C84  |
| Ed a                 |  | 15479D09EF  |
|                      | Automatic G  | eneration   |
|                      | Passphrase   | 11111   |
|                      | Select one as po   | ur Delauit Key => Key 1   |
| ture e               | Paciphrase<br>Select one as po<br>da < <u>B</u> ack                    | Littiil<br>na Delault Key => Key 1 ▼<br>Next > Φ X Cancel   |

 Setup the IP address of the WLAN Card according to your network condition. After the setup is complete, click **Finish** to exit the One Touch Wizard.



 One Touch Wizard searches and displays the available APs in the Available Networks list. Select WL-500W and press Next to continue.

|   | C Configure your w   | rireless LAN se   | ttings  |                       |
|---|--|---|---|-----------------------|
|   | ······································   | isting wireless   | LAN   |                       |
| Ŕ | The Wizerd will now seen<br>wireless networks. The will<br>below.<br>Wireless LAN that he<br>linksys (00:13:1)<br>Wireless LAN that your<br>WL-500W (00:90.4 | ch your wireless L<br>ireless networks h<br>is the bast sign<br>(CC:89:D7)<br>rant to connect to<br>(CA0.00.2D) | AN environment for a<br>sund is displayed on<br>al: | waliable<br>fre table |
|   | [protect restants  | Less Less   | -   | _                     |
|   | Dutit  | UH HS   | SI   Encryption                                     |                       |
|   | Dist Story   | 11 -72  | CH  | _                     |
|   | Ti defeult   | 1 -73   | Of  |                       |
|   | 15 . 1970  |   | ~   |                       |
|   | Number of known wirele   | ss network(s): 10   |   |                       |

 It takes several seconds for the wireless card to associate with WL-500W. Press Next to setup TCP/IP for your WLAN Card.

| ASUS ONE TOUCH WIZA | RD  | × |
|---------------------|---|---|
|                     | You select LAVRed is concerned to an AP.<br>Concerner website LAVR entropy<br>Basis Notes Instancture<br>Station Basis And Andrea<br>Station Basis<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dearwork<br>Dea |   |
|                     | Ф < Back Next > Ф X Cancel  |   |

#### Configuring WLAN card with Windows® WZC service

If you use non-ASUS wireless card, you can set up the wireless connection with Windows<sup>®</sup> Wireless Zero Configuration (WZC) service.

 Double-click the wireless network icon on the task bar to view available networks. Select your wireless router and click Connect.

|                            |                           |  |                     | - |
|----------------------------|---------------------------|--|---------------------|---|
| Network Tasks              | Choos                     | se a wireless network  |                     |   |
| 🕵 Refresh network list     | Click an it<br>informatio | ern in the list below to connect to a wireless network in ra | inge or to get more |   |
| Set up a wireless network  | ((Q))                     | arthur-wi520g  |                     | 1 |
| for a home or small office |                           | Unsecured wireless network                                   |                     |   |
|                            | ((g))                     | guant-ASUS   |                     |   |
| telated Tasks              |                           | Unsecured wireless network                                   | .000                |   |
| () Learn about wheleas     | ((0))                     | ASUS_COMPANY_ADSL  |                     |   |
| networking                 |                           | 😤 Security-enabled wireless network                          | •000                |   |
| r Change the order of      | ((0))                     | ing  |                     |   |
| preterreunetworks          |                           | 😵 Security-enabled wireless network                          |                     |   |
| Change advanced settings   | ((0))                     | linksys  |                     |   |
|                            |                           | Unsecured wireless network                                   | attl                |   |
|                            | ((0))                     | WL-S00W  |                     |   |
|                            |                           | Unsecured wireless network                                   | util                |   |
|                            |                           | trackile   |                     |   |
|                            | 1 20                      | Unsecured computer-to-computer network                       |                     |   |
|                            |                           |  |                     |   |
|                            |                           |  |                     |   |

 Input the 10-digit keys you have set on the wireless router and click Connect. The connection is complete within several seconds.

|   | 連 · • 📑  |
|---|--|
| Please wait while Win   | ndows connects to the 'WLSDOW' network.  |
| Detecting network by  |  |
|   | Capcel   |
|   |  |
|   |  |
|   |  |
| fireless Network Cor  | nnection   |
| /ireless Network Cor  | nnection   |
| Vireless Network Cor<br>The network WL500W' re  | nnection<br>squires a network key (also called a WEP key or WPA key). A  |
| Vireless Network Cor<br>The network WLSOOW' re<br>network key helps preven  | nnection<br>squires a network key (also called a WEP key or WPA key). A<br>uniforwin inbruders from connecting to this network.                  |
| Vireless Network Cor<br>The network WLSOOW're<br>network key helps preven<br>Type the key, and then d   | nnection<br>squites a network levy (also called a WEP levy or WPA levy). A<br>kinkrown izhuders from connecting to Bris network.<br>Ick Connect. |
| Vireless Network Cor<br>The network WLSOOW're<br>network key helps preven<br>Type the key, and then di<br>Network jery:                           | nnection<br>squites a network key (also called a WEP key or WFA key). A<br>Luillown thudes from contecting to the network.<br>kk Connect.        |
| Vireless Network Cor<br>The network WLS00W're<br>network key helps preven<br>Type the key, and then di<br>Network jary:<br>Cgnfirm network key:   | nnection<br>pages a network key (also caled a MEP key or MPA key). A<br>kek Connect.   |
| Vireless Network Cor<br>The network 'WLSOOW' re<br>network key helps preven<br>Type the key, and then di<br>Network lary:<br>Cgnfirm network key: | nnection<br>gages a stellen ley (also caled a NEP ley or NPA ley). A<br>4 uinteem Houdes from connecting to this network.<br>4 connect.          |
| Vireless Network Cor<br>The network W1500W re<br>network key helps preven<br>Type the key, and then d<br>Network jary:<br>Cgnfirm network key:    | nnetfan<br>gaare sinteon ley (deo caled a WD ley or WA ley). A<br>lek Carned.<br>  |

7. Configuring advanced features

To view and adjust other settings of the wireless router, enter the Web configuration page of WL-500W. Click on items on the menu to open a submenu and follow the instructions to setup the router. Tips show up when you move your cursor over each item.



# 4. Wireless router features

This chapter provides setup examples of some frequently used router features. You can set up these features via your Web browser.

## 1) Choosing an appropriate operation mode

ASUS WL-500W Wireless Router supports three operation modes: home gateway, router, and access point. Click **System Setup -> Operation mode** to open the configuration page.



Home gateway mode is for home or SOHO users who

want to connect to their ISPs for Internet services. In this operation mode, NAT, WAN connection, Internet firewall functions are supported.

**Router** mode is for office use where multiple routers and switches co-exist. You can set up routing policies in this mode; however, NAT function is disabled.

Access point mode works when you setup WL-500W as a wireless bridge. In this mode, all Ethernet ports on WL-500W (4 LAN ports and 1 WAN port) are recognized as LAN ports. WAN connection, NAT, and Internet firewall functions are disabled in access point mode.

Select a proper mode which complies to your network scenario and press **Apply** button, and then you can continue to set up the advanced features for your WL-500W.

| System Setup - Operation Mode   |   |  |  |
|---|---|--|--|
| ASUS Wireless Router supports three operation modes to meet different requirements from<br>different group of people. Please select the mode that match your situation. |   |  |  |
| ⊙ Home Gateway  | In this mode, we suppose you use ASUS Wireless Router to connect to<br>Internet through ADSL or Cable Modem. And, there are many people in<br>your environment share the same IP to ISP.<br>Explaining with technical terms, gateway mode is , NAT is enabed, WAN<br>connection is allowed by using PPPOE, or DHCP client, or static IP. In<br>addition, Some features which are useful for home user, such as UPPP<br>and DDNS, are supported. |  |  |
| O Router  | In Router mode, we suppose you use ASUS Wireless Router to connect<br>to LAN in your company. So, you can set up routing protocol to meet<br>your requirement in office.<br>Explaining with technical terms, router mode is, NAT is disabled, static<br>routing protocol are allowed to set.  |  |  |
| O Access Point  | In Access Point mode, all 5 Ethernet ports and wireless devices are set<br>to locate in the same local area network. Those WAN related functions<br>are not supported here.<br>Explaining with technical terms, access point mode is, NAT is disabled,<br>one wan port and four lan ports of ASUS Wireless Router are bridged<br>together.  |  |  |
|   | (Apply)   |  |  |