# How to make BR-6258n connect to a Wi-Fi network

Thanks for purchasing Edimax BR-6258n. You may have a wifi network offer to you. For example, a wifi network provided by hotel. We hope this instruction can help you setup BR-6258n associate with the target wifi network. As a router, BR-6258n has basic firewall function embedded and can protect your local network.

- 1. You can either use a wireless computer or use a hard wired computer.
- 2. Power on the BR-6258n router either use its power adapter or connect to a USB port of a computer.

3. Screen shots in this instruction are from a Windows 7 computer. Your computer may use different operating system. You also may use Safari or other browser in different Operating system.

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### Introduction

BR-6258n can be used in a location where wireless internet is provided. We called it WISP (Wireless Internet Service Provider) mode. Basically we will use BR-6258n WISP function under General Setup > WAN > WISP.

# Step 1 Connect your computer to BR-6258n. Leave the WAN port (blue color) of BR-6258n unplugged.

If you have an Ethernet cable, just connect your computer to LAN port (yellow port) of BR-6258n If you do not have ethernet cable, you can make wireless connection to connect to SSID name "Edimax". The quickest way is to click on Start, click on "Connect", select Edimax wireless network to connect. You also can follow below steps.

Control Panel > <ul> <li>Control Panel &gt;             </li> <li>Section your computer's settings             <li>Control Panel &gt;             <li>Control Panel +             </li> <li>Section your computer's settings             <li>Control Panel Home             </li> <li>Change adduct settings             <li>Secting participation             <li>Control Panel Home             </li> <li>Change adduct settings             <li>Change adduct settings             <li>Change detrop background             <li>Adjust screen resolution             <li>Change detrop background             </li> <li>Adjust screen resolution             </li> <li>Modows Firewall             </li> </li></li></li></li></li></li></li></li></li></li></li></li></li></li></li></li></li></li></li></li></li></li></li></li></li></li></ul> <ul> <li>Control Pane</li></ul>	Go to Control Panel. Go to Network and Sharing Center if you view by "Large icon" Click on "View Network Status and tasks" if you view by "Category". Click on "Change Adapter Settings" on the left menu. For Windows Vista user, click on "Manage network connections".
Currently connected to: Currently connected to: Currently connected to: Currently connection 40 Currently connection 40 Connection Advanced He Connection Connect He Connection Connect / Disconnect Connect / Disconnect / Disconnect Connect / Disconnect Connect / Disconnect / Disconnect Connect / Disconnect / Disconnect Connect / Disconnect / D	You are in "Network Connections" window. Right click on Wireless Network Connection and click on "Connect/Disconnect". Select "Edimax" in the available wireless networks. Click on Connect. Edimax router by default has no encryption. So you can connect it without entering any security password.
Connect to a Network  Do you want to set up your network?  This is a new router that has not been set up. Click OK to start setup.  Connect to the network without setting it us  OK Cancel	If you receive a pop up window to set up your network, click on "Connect to the network without setting it up".
Image: Source in the	The red X mark on Wireless Network Connection icon would disappear. Double click on the wireless network connection to check its status. Its SSID should be "Edimax". Click on Details button. Its IPv4 address should be 192.168.2.x.

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De De Jee Heley Contrat. Del Bil C X A D Mp/N21821/ C testes	In the address box, enter <u>http://192.168.2.1</u> hit Enter key.
Autorstation Required  Autorstation Required  Autorstation of promoted are being requested by http://322562.1. The life says: "Default  Ware Mann, earlinn  Parameter  Parameter Parameter Parameter  Parameter Parameter Parameter Parameter Parameter Parameter Parameter Parameter Parameter Parameter Parameter Parameter Parameter Parameter Parameter Parameter Parameter Parame	Enter username: admin Enter password: 1234.
	Click OK.
	Here is the router's configuration web page.
Desc         #           UDMX Technology - Maria Indec         #           Fite Size Viper, Foldowski , Dolo Bylo         #           ODMX Technology - C         A           ODMX Technology - C         A	Go to General Setup.
None Oxick Sering Convert Steps Status Tools	Go to WAN.
Cymar 2     C	The last option is WISP. Select WISP.
Base Series Asser Ten NUSP: # Daske © Enable ESSD:	
VNSP Basic Settings:     1 VISP:      Disable      Essio:     Channel Number:     1     Site Survey 2.     Security Settings:     Encryption:     Disable     •	Click on Enable. Click on Select Site Survey.
Wreters Ste Sorrey - Modila Frence     Topy//B2189.21/viturey.sep	A new window pop up and display available wireless networks.
Wireless Site Survey           This page provides to for scatt the wireless notecrit. If any Access Point or IBSS is found, you could choose to connect it moves to enabled.           Interview         State         Interview         Interview <t< th=""><th>Select the wireless network which BR-6258n would be associated with. You can see the encryption and signal strength of the wifi network.</th></t<>	Select the wireless network which BR-6258n would be associated with. You can see the encryption and signal strength of the wifi network.
kpi1503         00.21151.0595.95         (E+G+N)         1         AP         WPA2-PSK         40           EdmaxCorp         80.1122.02.213x         (B+G+N)         11         AP         WPA2-PSK         40           Referand         Done         Close	If you do not see the wireless network in the list, click "Refresh".
	Click on Done.
© Vator Basic Settings : WISP: ○ Disable ● Enable	Go back to the router's configuration web page.
ESSIC With Notional Channel Number 11 - Site Survey : Select Site Survey : Security Settings :	Enter the encryption passphrase of the wifi network which BR-6258n is going to associated with.
Encryption: WPA pre-shared key •  WPA Unicast Cipher Sule: © WPA (TOP) @ WPA2 (KES) Pre-shared Key: Enter wifi passphrase here Pre-shared Key: Enter wifi passphrase here Apply •	If you do not know the encryption password, you need to <u>consult the owner of the wifi network to get the wifi security</u> <u>password.</u>
	Click on Apply.
Sere settings successfully! You may press CONTINUE button to continue configuring other settings or press APPLY button to restart the system to make the damages take effect. CONTINUE APPLY	Choose either Continue or Apply. We suggest you click on Continue to setup wireless encryption of BR- 6258n network. If you click on Apply, BR-6258n would take 60 seconds to reboot and connect to Internet. BR-6258n has no wireless encryption vet.

### Step 2. Open your web browser and go to router's configuration page.

## Step 3 Setup wireless security for local wifi network with BR-6258n.

Nome         Outlock Setup         General Setup         IOo:S         Status           Ventex 1 - Volv 1 L VI         Valuesed Setup         Lost 1 + Valuesed (+ Parent II - Control II         Valuesed Setup         Lost 1 + Valuesed (+ Parent II - Control II)           Ventex Setup         Modes         AP         • Advanced Settings           Modes         AP         • Advanced Settings           Esson         Edmax         • Channel Number:           Channel Number:         11         • Apply           Associated Clients:         Apply         Cancel	Go to General Setup. Go to Wireless. Wireless Settings shows the default ESSID is "Edimax". ESSID is the wireless network name to identify your own WiFi network. You can change it to any ID you preferred. Click on Apply.
Kondy Settings      Mode: AP     Advanced Settings     Band: 2.4 GHz (B-G+N)      ESISID: EdimaxNanoRouter     Channel Number: 11      Associated Clients: Show Active Clients     Apply Cancel      security Settings	We set new ESSID as "EdimaxNanoRouter". Click on Apply. Click on Advanced Settings.
Venetors Sections:           Fragment Threshold:         2346         (256-2346)           RTS Threshold:         2247         (0-2477)           Beacon Interval:         100         (20-1024 ms)           N Diata Rate:         Audo         20-1024 ms)           Channel With:         Chanol (100-20 UHZ)         Preamble Type:           Broadsate Statis:         Enable         Console           CTS Protect:         Auto         Averys @ None           VMM:         Enable         Basic Settings         Apply	Select the Channel bandwidth as Auto 20/40 MHz. Click on Apply
Save settings successfully! You may press CONTINUE button to continue configuring other settings or pr changes take effect.	Click on Continue.
Home Outlet Setup General Setup IOoS Status Intern I WH I LAT I Wretest I Advanced SetUps I TAY I Preveil I Preveil Costfol I  Wretess SetUps  Security SetUps Encryption: Disable Encryption: Disable	Click on Security Settings. The default encryption is "Disabled" which means there is no encryption in the BR-6258n wireless network.
Nome         Outlick Setup         General Setup         Do.S         Status           Voldmin 1980b1 LAR1   Wretelss   Address Rellings   MAT   Freedel   Pantala Control           •         Status         •           •         Wretelss Settings         •<	We suggest select WPA pre-shared key with WPA2 AES option. However, if you have any WiFi device which does not support WPA2 AES, you could use WPA TKIP or WEP as your encryption.
Mome         Oulck Setup         General Setup         Ops         Status           Vitra [ vol ] (vol ] (vol ; Vitrass ] / Advanced Setup ] 1401 [ Frend ] / Parend Colleg ]         Vol 5         Status           • Weekets (vol form)         • Weekets (vol form)         • Weekets (vol form)         • Weekets (vol form)           • Weekets (vol form)         • Weekets (vol form)         • Weekets (vol form)         • Weekets (vol form)           • Weekets (vol form)         • Weekets (vol form)         • Weekets (vol form)         • Weekets (vol form)           • Weekets (vol form)         • Weekets (vol form)         • Weekets (vol form)         • Weekets (vol form)           • Weekets (vol form)         • Weekets (vol form)         • Weekets (vol form)         • Weekets (vol form)           • Weekets (vol form)         • Weekets (vol form)         • Weekets (vol form)         • Weekets (vol form)	Enter your own password. For WPA pre-share key, the password needs to be at least 8 characters (or digits). Click on Apply.
Save settings successfully! You may press CONTINUE button to continue configuring other settings or press . changes take effect.	Choose Apply button than Continue since we have done entire configuration.
DIMAX Technology - Mozilla Firefox File Edit View Higtory Bookmarks Iools Help C A C http://192.168.2.1/index.asp EDIMAX Technology * System Restarting! Please wait for a while ! OK(59)	Nano router saves the settings and reboots. Wait for 60 seconds. Click on OK button after 60 seconds. Continue Step 4 if you use Ethernet cable to connect with BR-6258n. Continue Step 5 if you use wireless connection to connect with BR-6258n.

### Step 4. If you use Ethernet cable to connect with BR-6258n:

Huner Quick Settup General Settup Status Settup Settup Model BH2250n	Reload the router's configuration web page at http://192.168.2.1. You can find its Internet Connection status.		
Up time: Fluxing Time 6day 02:27:00 Hardware Views Flex A Boot Code Viersion : 10 Rundmie Code Viersion : 105	In our example, BR-6258n wireless connect to a WiFi Hotspot and gets a dynamic		
IP Address Moto         Operating Proceeding           IP Address Moto         Nance Promoto           Outhant Materia         Science           IP Address Moto         Nance Promoto           IP Address Moto         <			
Vereinis Configuration Mode: AP ESID: EdmanManoRouter Chanel Number: 11 Benuty: VPA pre-hained key			
CNN.com - Breaking News, U.S., World, Weather, Entertainment & Video Nes Eile Edit View Higtory Bockmarks Tools Help CNN.com - Breaking News, U.S., World, Weather, Com STEEDTON LS, NETERMINAL MONEO Advance	Open a new tab and enter your preferred web site. If you can browse Internet, your configuration is successful. Congratulations.		
TV: CHN CHN CHN en Español H.H. Home Video HewsPulse U.S. World Politics Justice	Enjoy the use of our Nano router.		
Step 5. If you use wireless connection to associate with BR-6258n:			
Construction: Understand: Under State (Section 2014)     Construction 2014 (Sect		If you changed the ESSID in earlier step, you would not able to login to 192.168.2.1 page because BR-6258n has a new ESSID now and you need to make your wireless adapter connect to the new ESSID wireless network.	
Image: Second connection         Image: Second connect		Click on Start > Connect to > Connect to wireless network. You should see the new WiFi network is available to connect to. Another approach is to go to Network Connection window. Right click on Wireless Network Connection. Click on "Connect/Disconnect".	
Not connected 5		Select the WiFi network with new ESSID. Click on Connect.	
Wireless Network Connection 40		Enter your WPA encryption passphrase. Click OK.	
Edimas/NanoRouter			
	The Work The Work Constraints Constrai	Select the type of the wireless location. Click Close.	
Translate Translate	unnection 40 Status  unnection	You can double click on Wireless Network Connection icon. Confirm you are connected to your router and you have Internet. Congratulations. We hope you would enjoy the use of our Nano router.	