

# Linksys E9450

WiFi 6 Dual-Band router

## Training & Installation



# Overview

- Product Features
- Physical Set Up
- Setting up via Linksys GUI (Recommended)
  - Set up mode for **ONT (Singtel Profile) as RG**
  - Set up mode for **ONR (Bridge Mode) as Bridge**
  - Set up mode for **ONR with Bridge Mode (Manual)**
  - Manual Set up
- Adding additional nodes of E9450 (Mesh Parent mode)
- Adding additional nodes of E9450 (Mesh mode)
- Set as standalone mode (Non-mesh system)
- Parental Controls
- Factory Reset Router
- Management Tab (Access Control > Passwords)
- Router Light Behaviour

For support:

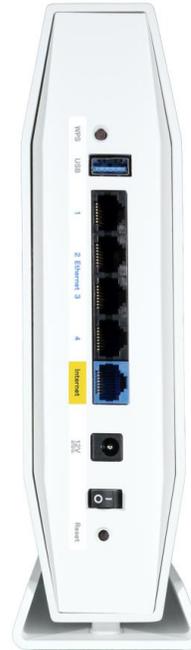
<https://www.linksys.com/sg/support-article?articleNum=317469#wireless2>

<https://www.linksys.com/sg/support-product?pid=01t2T000004rSMRQA2>

# Product Features

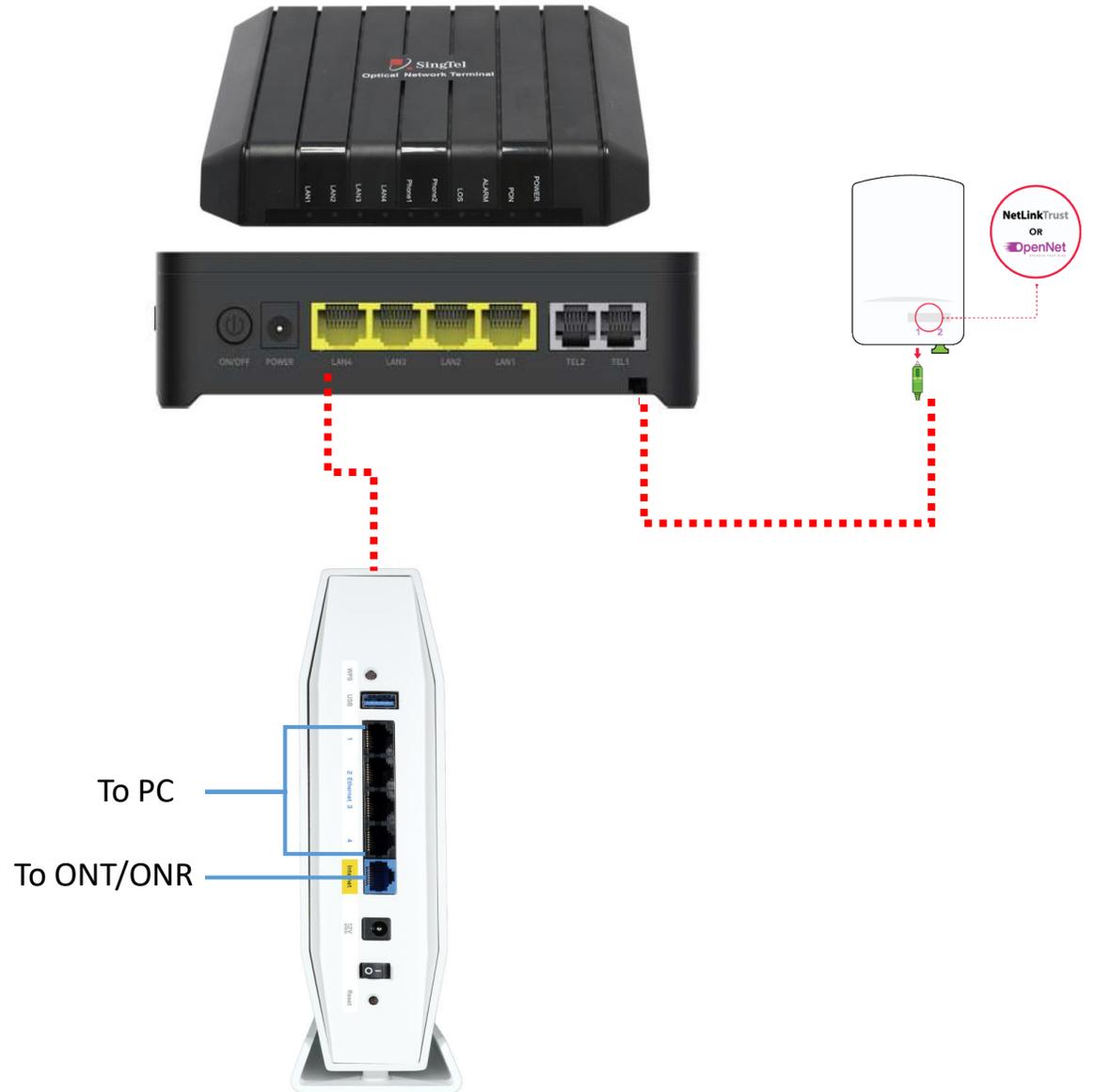
- Dual-Band AX5400 at up to 5.4 Gbps
- 802.11ax Wireless Technology
- 1.5 GHz Tri-Core processor
- 2x2 + 4x4 Spatial streams (6 streams)
- MU-MIMO technology
- Wi-Fi coverage of up to 2,500 sq ft
- Supports parent and child node
- Four gigabit ethernet ports and one gigabit internet port
- Parental Controls
- Wi-Fi Protected Setup™ (WPS)
- WPA2™ wireless security

- Buttons and Switch
  - Wi-Fi Protected Setup (WPS) button
  - Power switch
  - Reset button
- Ports
  - Power port
  - Four gigabit ethernet ports
  - One gigabit internet port
  - One USB 3.0 port (for future use)
- Power
  - Output: 12v, 2A



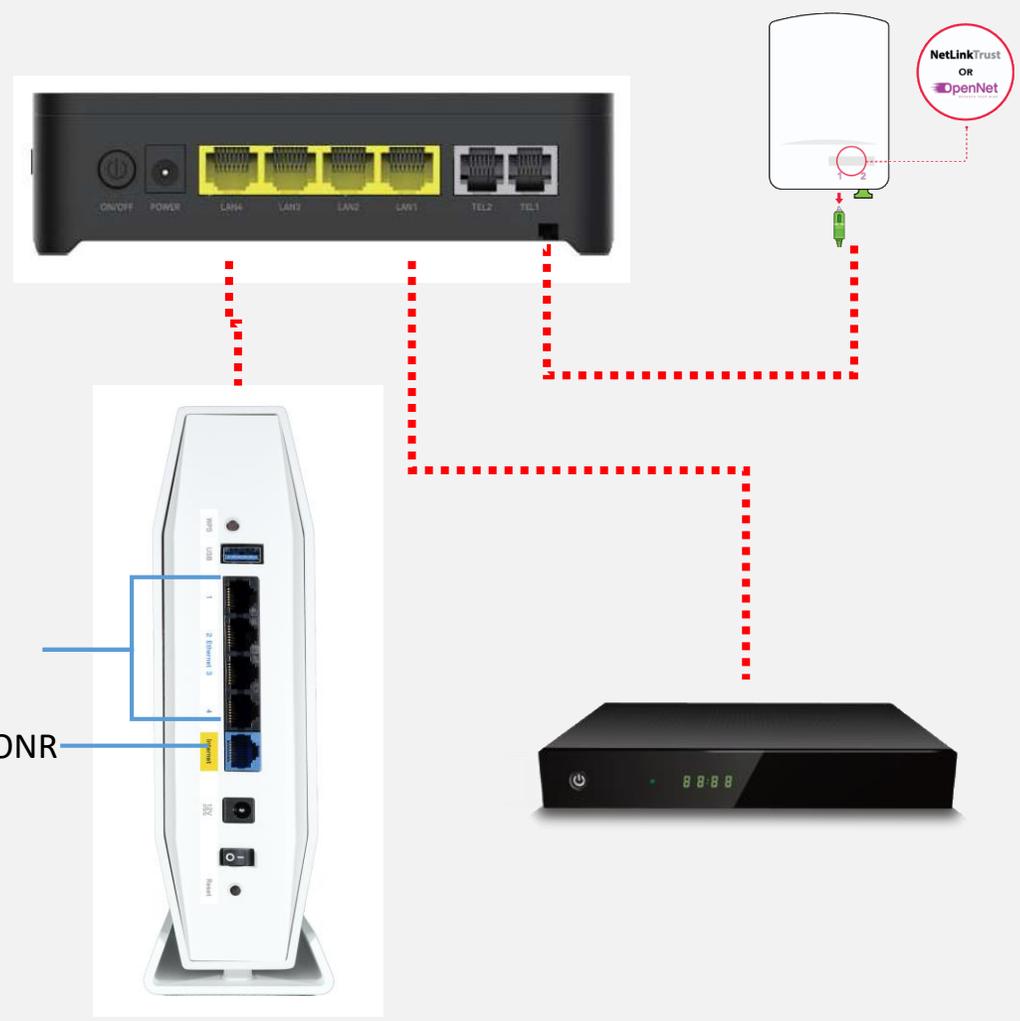
# Physical Set Up (Without STB)

- Recommended to connect RG's Ethernet port to PC via LAN cable (wired).
- Else setup wireless using default routers name, "LinksysXXXXX-guest" with the passphrase printed on the sticker label is required.
- Without STB, connect FTP to either ONR/ONT then to Linksys.

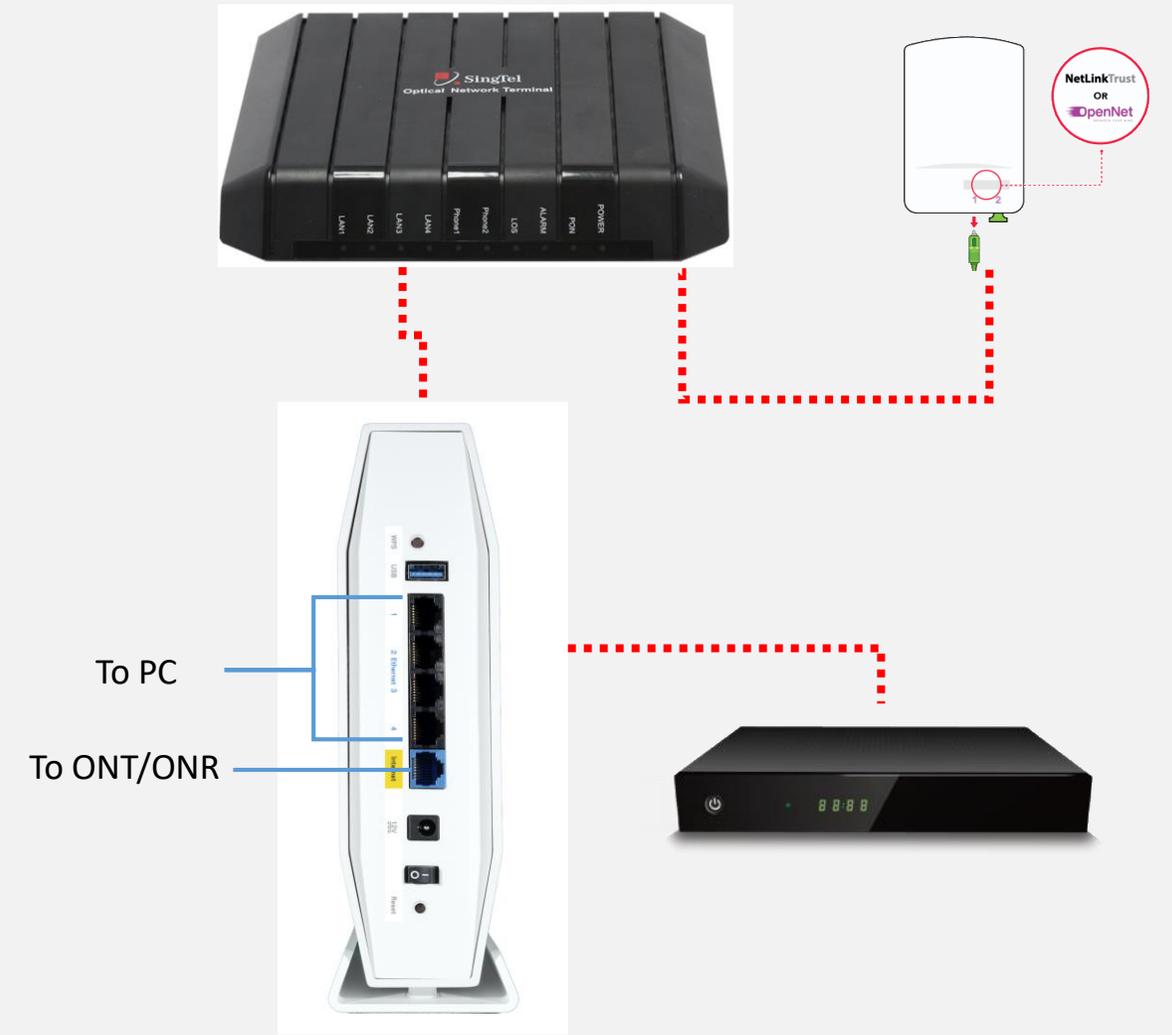


# Physical Set Up (With STB)

## ONR



## ONT



# LINKSYS

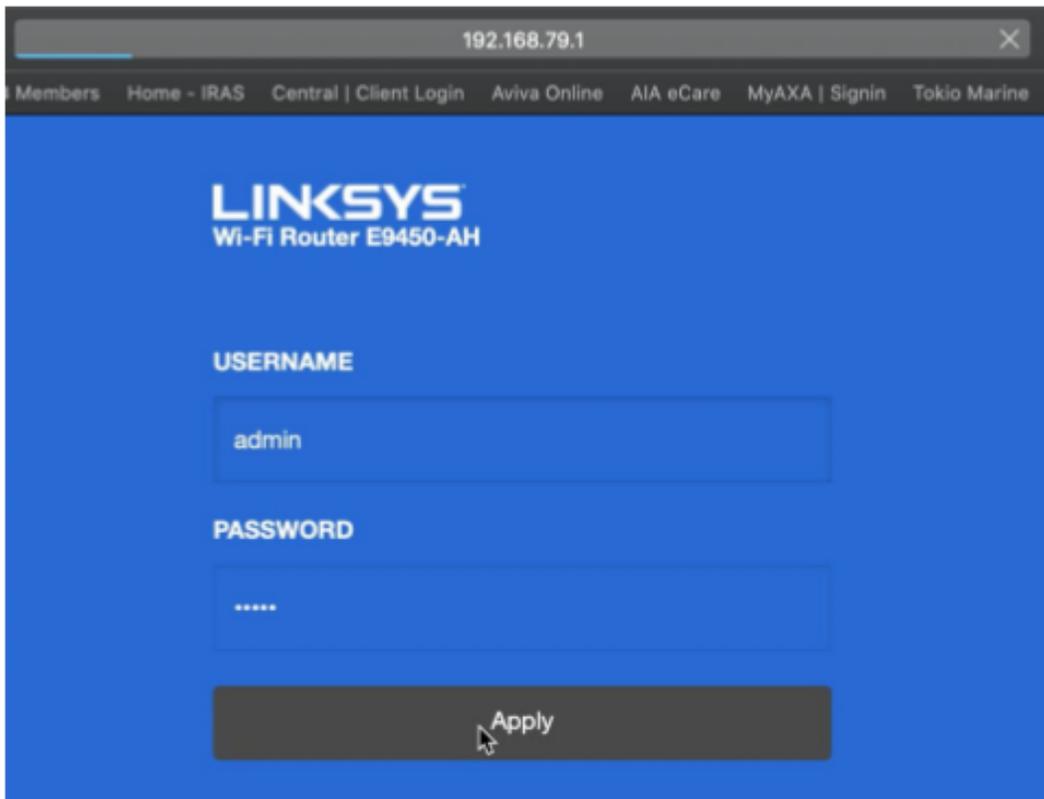
Wi-Fi Router E9450

**Username**

**Password**

# Set up via Linksys GUI (Recommended)

1. Launch a web browser and enter Router's GUI <http://192.168.79.1>
2. Enter default Username and Password
  - **Username:** admin
  - **Password:** admin
3. 'Apply'
4. Set up E9450, Click 'Next'



192.168.79.1

Members Home - IRAS Central | Client Login Aviva Online AIA eCare MyAXA | Signin Tokio Marine

**LINKSYS**  
Wi-Fi Router E9450-AH

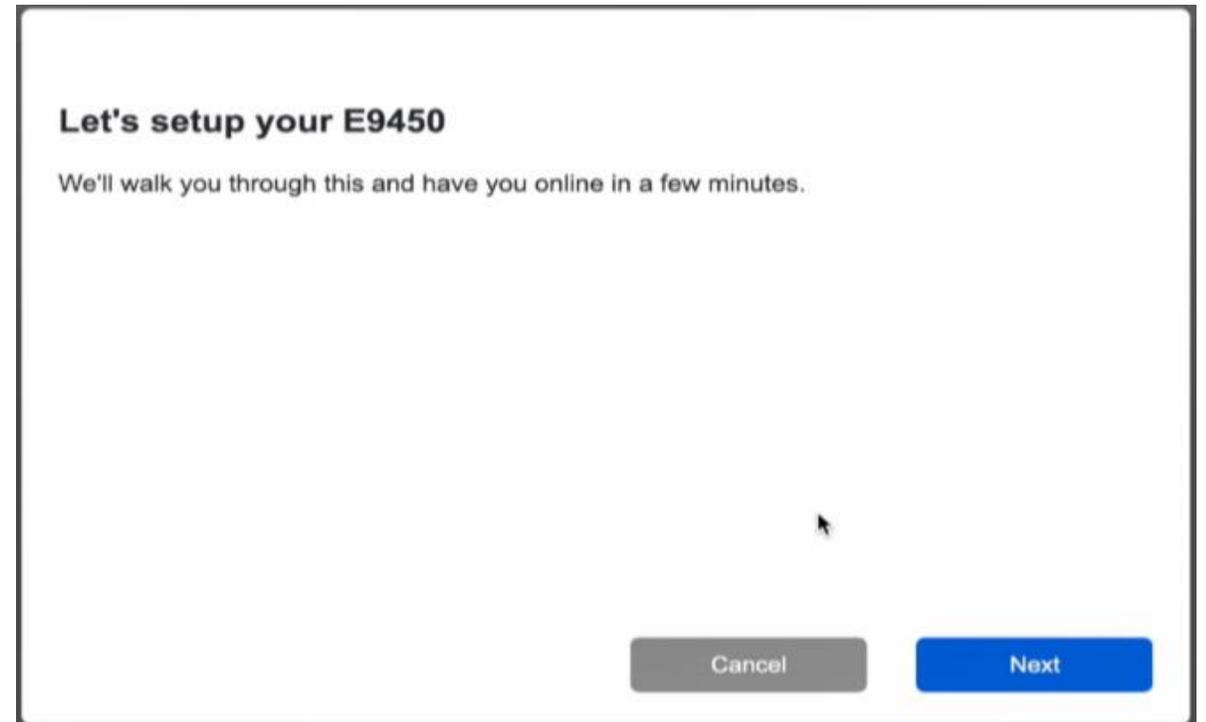
USERNAME

admin

PASSWORD

\*\*\*\*\*

Apply



**Let's setup your E9450**

We'll walk you through this and have you online in a few minutes.

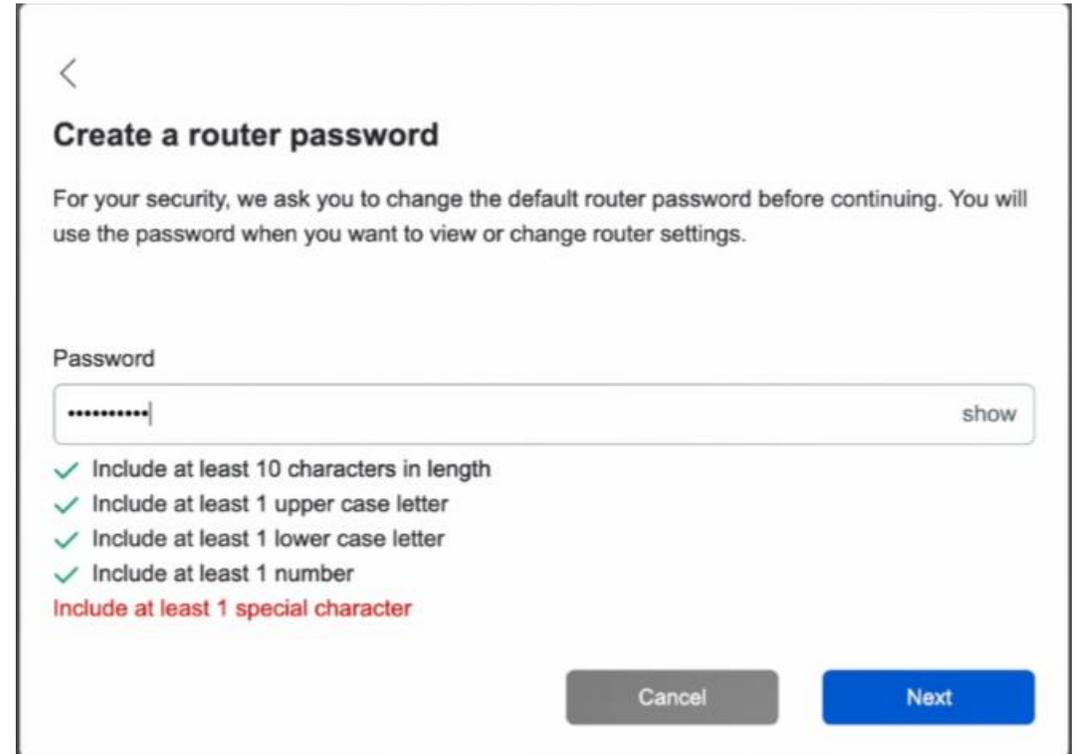
Cancel Next

# Set up via Linksys GUI (Recommended)

## 5. Create new router Password

- Include at least 10 characters in length.
- Include at least 1 uppercase letter.
- Include at least 1 lowercase letter.
- Include at least 1 number.
- Include at least 1 special character.

## 6. 'Next'



<

### Create a router password

For your security, we ask you to change the default router password before continuing. You will use the password when you want to view or change router settings.

Password

 show

- ✓ Include at least 10 characters in length
- ✓ Include at least 1 upper case letter
- ✓ Include at least 1 lower case letter
- ✓ Include at least 1 number
- Include at least 1 special character

Cancel

Next

Router password changed



# Set up via Linksys GUI (Recommended)

7. Follow the Setup Wizard to change the default administration password, set up a parent node (unless adding a child node to an existing Wi-Fi system), select a transmit region and Name your Wi-Fi.

\* Only Linksys E9450 child nodes are supported.

<

### What are you setting up ?

If this is your first node, it's a parent node. If you're adding a node to an existing mesh Wi-Fi system, it's a child node.

**A parent node**

A child node

<

### Choose a region

Maximum allowed Wi-Fi transmission power varies by geographic region. When you choose your region, you set that limit.

Asia - Singapore

Choose the region where you will use the router to avoid fines and penalties.

Cancel **Next**

<

### Name your Wi-Fi

You'll use this name and password to connect devices to your Wi-Fi.

Wi-Fi Name

E9450

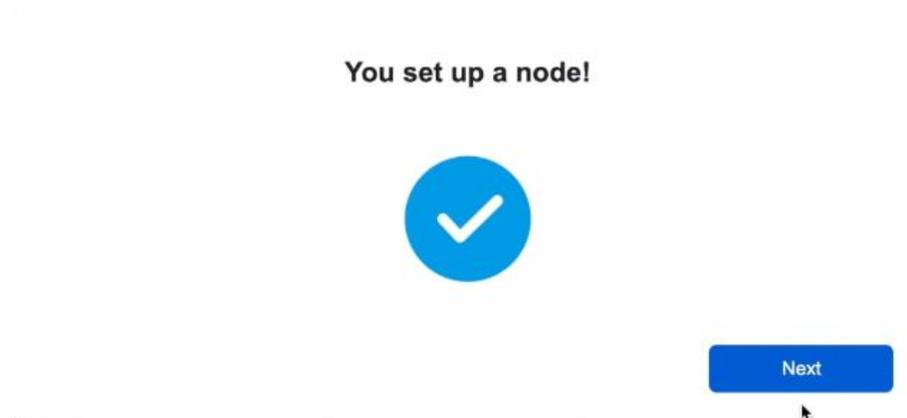
Wi-Fi Password

E9450\_secretpassword

Cancel **Next**

# Set up via Linksys GUI (Recommended)

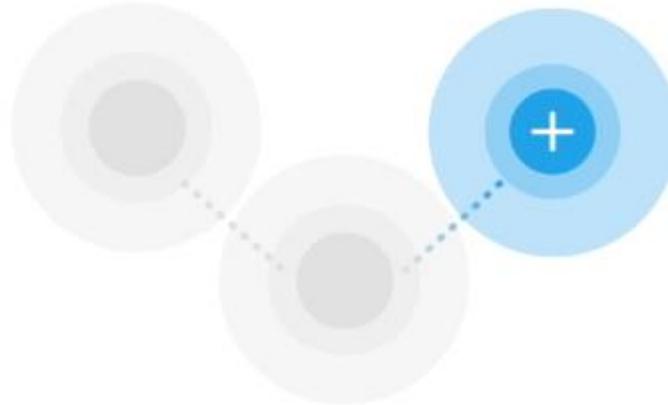
## 8. Follow the Setup Wizard



# Set up via Linksys GUI (Recommended)

9. Choose if you want to set up another node.
  - If 'No I'm done' go to step 11.
  - If 'Yes' continue to next slide.

Do you want to set up another node?

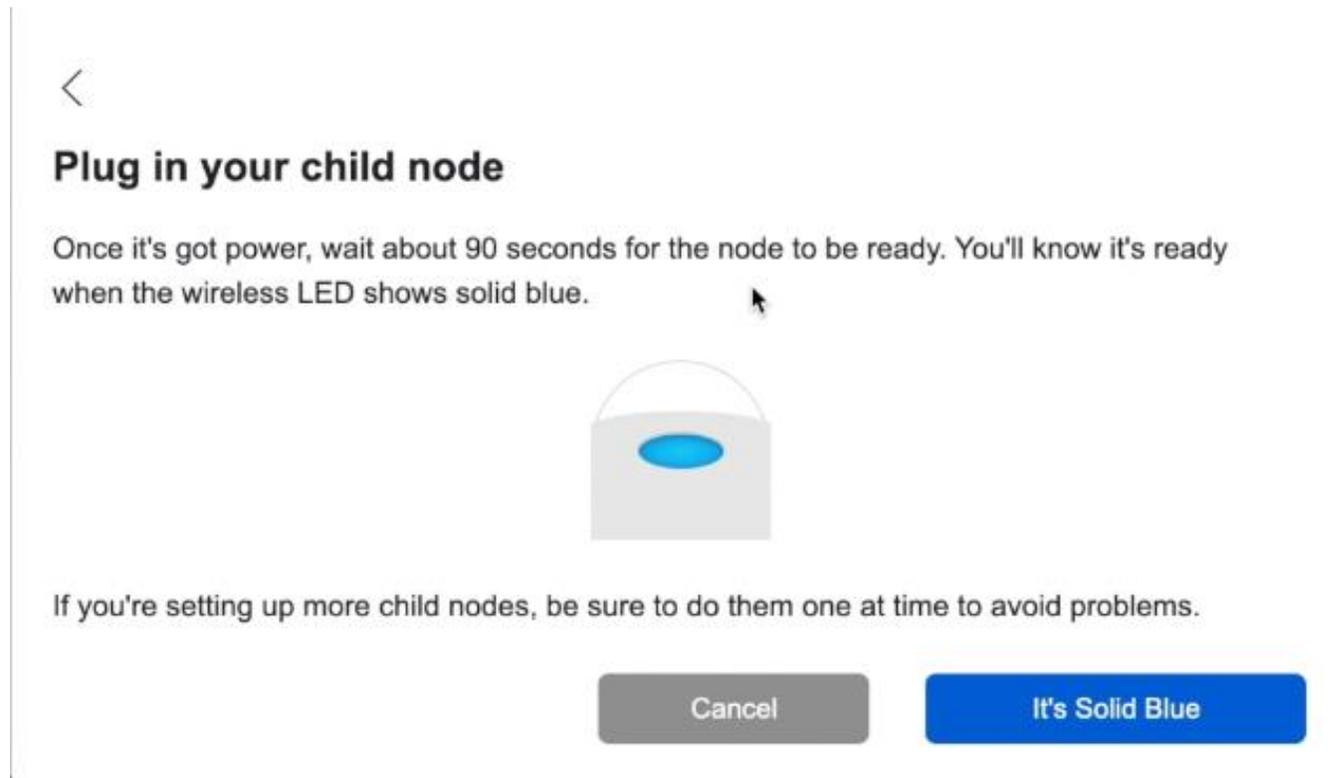


No I'm done

Yes

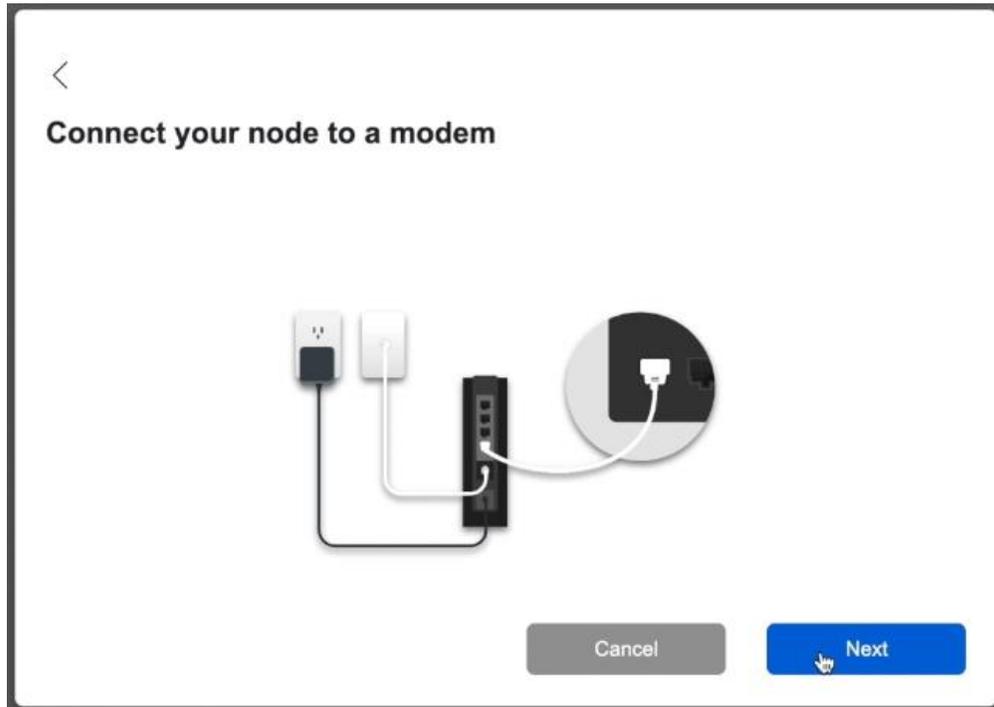
# Set up via Linksys GUI (Recommended)

10. Click 'Its Solid Blue' and follow the instructions.



# Set up via Linksys GUI (Recommended)

11. Connect node to modem and 'Check for latest firmware'



# Set up via Linksys GUI (Recommended)

## 12. Double check Auto Firmware Upgrade Feature. ('Check Firmware')

- Auto Firmware Upgrade Feature will always keep your device fresh with the latest update. Be it security patches, features, performance improvements, bug fixes, etc.

LINKSYS

Logout  
Firmware Version: 1.0.00.042  
Wi-Fi Router E9450

Device Info   General   Wireless   Advanced Setup   Diagnostics   **Management**

Settings  
Internet Time  
Access Control  
**Firmware Upgrade**  
Firmware Upgrade  
Reboot  
Language

### Firmware Upgrade

Automatic Firmware Upgrade (Current firmware version:1.0.00.042)

**Check Firmware**

Please select a file to upgrade  No file selected.

**Start Upgrade**

**Warning: Upgrading firmware may take a few minutes; please don't turn off the power or press the reset button.**

0%

**Upgrade must NOT be interrupted!!**

# Set up via Linksys GUI (Recommended)

## Enjoy your Wi-Fi!

You finished setting up your node, **but you are not connected to the internet**. Please check with your internet provider. When you do get online, remember to connect your devices.



E9450



E9450\_secretpassword

I'm Done

Go to the Internet settings

By default, the router runs in **DHCP WAN mode without VLAN tag**. **This page may appear when E9450 is installed with Singtel ONT that requires VLAN tag**

Click **"Go to the Internet settings"** to continue the setup

# Set up via Linksys GUI

- To allow full Singtel Home Broadband experience, the E9450 can be configured as Residential Gateway (RG) or Bridge Mode (AP) depending of the Modem Configuration – **See the following pages for different configuration with different modem constructs.**

LINKSYS Wi-Fi Router E9450

Device Info **General** Wireless Advanced Setup Diagnostics Management

Internet Setup  
Internet Setup  
Mesh Setup

### Wide Area Network (WAN) Service Setup

Select Profile

- ✓ Manual
- Singtel
- Bridge mode

Apply

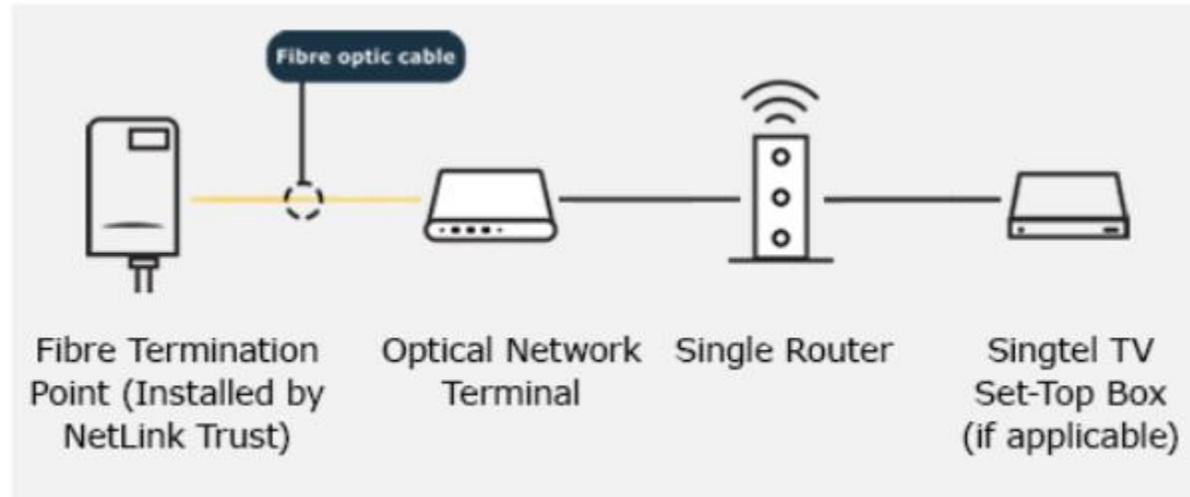
Choose Add, Remove or Edit to configure a WAN service over a selected interface.

Interface	Description	Type	Vlan8021p	Vlan Mux Id	VlanTpid	Igmp Proxy	Igmp Source	NAT	Firewall	IPv6	Mld Proxy	Mld Source	Remove	Edit
Wan.1	cpe-ipintf-2	IPoE	N/A	N/A	N/A	Disabled	Disabled	Enabled	Enabled	Disabled	Disabled	Disabled	<input type="checkbox"/>	Edit

Add Remove

# Set up mode for **ONT (Optical Network Terminal)**

- If you are using a **Singtel ONT**, disconnect and remove your old router.



# Set up mode for ONT (Singtel Profile) as RG

The screenshot shows the Linksys web interface for a Wi-Fi Router E9450. The top navigation bar includes 'Device Info', 'General' (highlighted with a red box), 'Wireless', 'Advanced Setup', 'Diagnostics', and 'Management'. The 'General' tab is active, and the 'Internet Setup' sub-tab is also highlighted with a red box. The main content area is titled 'Wide Area Network (WAN) Service Setup'. A dropdown menu for 'Select Profile' is open, showing 'Manual', 'Singtel' (selected with a checkmark and highlighted with a red box), and 'Bridge mode'. An 'Apply' button is visible next to the dropdown. Below the dropdown, there is a table with columns: Interface, Description, Type, Vlan8021p, Vlan Mux Id, VlanTpid, Igmp Proxy, Igmp Source, NAT, Firewall, IPv6, Mld Proxy, Mld Source, Remove, and Edit. Two rows are visible: 'Wan.1' and 'Wan.2'. The 'Wan.1' row has 'Vlan8021p' set to 0 and 'Vlan Mux Id' set to 10. The 'Wan.2' row has 'Vlan8021p' set to 4 and 'Vlan Mux Id' set to 20. Both rows have 'Remove' checkboxes and 'Edit' buttons. At the bottom of the table, there are 'Add' and 'Remove' buttons.

Firmware Version: 1.0.00.042  
Wi-Fi Router E9450

Device Info | **General** | Wireless | Advanced Setup | Diagnostics | Management

Internet Setup  
Internet Setup  
Mesh Setup

### Wide Area Network (WAN) Service Setup

Select Profile: Manual, **Singtel**, Bridge mode [Apply]

Choose Add, Remove or Edit to configure a WAN service over a selected interface.

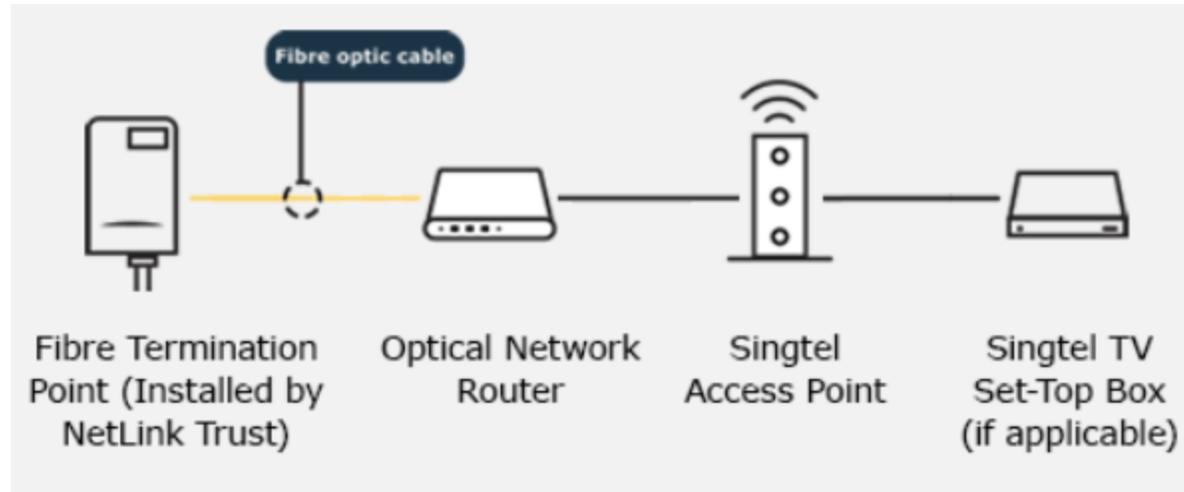
Interface	Description	Type	Vlan8021p	Vlan Mux Id	VlanTpid	Igmp Proxy	Igmp Source	NAT	Firewall	IPv6	Mld Proxy	Mld Source	Remove	Edit
Wan.1	cpe-ipintf-2	IPoE	0	10	0x0	Disabled	Disabled	Enabled	Enabled	Disabled	Disabled	Disabled	<input type="checkbox"/>	Edit
Wan.2	cpe-ipintf-3	IPoE	4	20	0x0	Enabled	Enabled	Enabled	Enabled	Disabled	Disabled	Disabled	<input type="checkbox"/>	Edit

[Add] [Remove]

“Singtel” Profile will have DHCP Option 60, IGMP Proxy, DNS Forwarding, Static Router for Multicast STB and support the MioTV STB to work. It also incorporated the multi VLAN on WAN Interface.

# Set up mode for **ONR (Bridge Mode) as Bridge**

- If you are using a **Singtel ONR/ONR with bridge mode**, disconnect and remove your old router/access point.



# Set up mode for ONR (Bridge Mode) as Bridge

The screenshot shows the Linksys E9450 router's web interface. The top navigation bar includes 'Device Info', 'General' (highlighted with a red box), 'Wireless', 'Advanced Setup', 'Diagnostics', and 'Management'. The 'General' tab is active, and the 'Internet Setup' sub-tab is also highlighted with a red box. The main content area is titled 'Wide Area Network (WAN) Service Setup'. It features a 'Select Profile' dropdown menu with 'Bridge mode' selected (highlighted with a red box) and an 'Apply' button. Below this, a table lists WAN services. The first entry, 'Wan.1', has 'Bridge' selected in the 'Type' column (highlighted with a red box). The table columns include Interface, Description, Type, Vlan8021p, Vlan Mux Id, VlanTpid, Igmp Proxy, Igmp Source, NAT, Firewall, IPv6, Mid Proxy, Mid Source, Remove, and Edit.

Interface	Description	Type	Vlan8021p	Vlan Mux Id	VlanTpid	Igmp Proxy	Igmp Source	NAT	Firewall	IPv6	Mid Proxy	Mid Source	Remove	Edit
Wan.1	cpe-ipintf-4	Bridge	N/A	N/A	N/A	Disabled	Enabled	Disabled	Disabled	Disabled	Disabled	Enabled	<input type="checkbox"/>	Edit

Buttons for 'Add' and 'Remove' are located below the table.

“Bridge mode” Profile will function as Wireless Access Points to the Singtel ONR, this mode will allow the MioTV STB to work behind E9450. DHCP Option 60 Passthrough from STB to ONR for the Multicast Streaming feature.

When applying bridge mode, the router will reboot. You will lose the connection to the E9450. To re-access E9450 GUI, you may want to check its IP address from ONR’s DHCP list.

# Set up mode for ONR with Bridge Mode (Manual)

The screenshot shows the Linksys web interface for a Wi-Fi Router E9450. The top navigation bar includes 'Device Info', 'General' (highlighted with a red box), 'Wireless', 'Advanced Setup', 'Diagnostics', and 'Management'. The 'General' tab is active, and the 'Internet Setup' menu is expanded, with 'Internet Setup' (highlighted with a red box) selected. The main content area is titled 'Wide Area Network (WAN) Service Setup'. Under 'Select Profile', a dropdown menu is open, showing 'Manual' (checked and highlighted with a red box), 'Singtel', and 'Bridge mode'. An 'Apply' button is visible to the right. Below this, a text prompt reads: 'Choose Add, Remove or Edit to configure a WAN service over a selected interface.' A table with 14 columns is shown, with the first column highlighted in blue. Below the table, an 'Add' button (highlighted with a red box) and a 'Remove' button are visible.

Firmware Version: 1.0.00.042  
Wi-Fi Router E9450

LINKSYS

Device Info | **General** | Wireless | Advanced Setup | Diagnostics | Management

Internet Setup  
Internet Setup  
Mesh Setup

### Wide Area Network (WAN) Service Setup

Select Profile

✓ Manual  
Singtel  
Bridge mode

Apply

Choose Add, Remove or Edit to configure a WAN service over a selected interface.

Interface	Description	Type	Vlan8021p	Vlan Mux Id	VlanTpid	Igmp Proxy	Igmp Source	NAT	Firewall	IPv6	Mld Proxy	Mld Source	Remove	Edit
-----------	-------------	------	-----------	-------------	----------	------------	-------------	-----	----------	------	-----------	------------	--------	------

Add Remove

From factory default mode, follow setup wizard. (recommended to avoid any misconfiguration)

# Set up mode for ONR with Bridge Mode (Manual)

WAN Service Configuration

Select WAN service type:

PPP over Ethernet (PPPoE)

IP over Ethernet

Bridging

Enter Service Description:

For tagged service, enter valid 802.1P Priority and 802.1Q VLAN ID.  
For untagged service, set -1 to both 802.1P Priority and 802.1Q VLAN ID.

Enter 802.1P Priority [0-7]:

Enter 802.1Q VLAN ID [0-4094]:

Select VLAN TPID:

Internet Protocol Selection

No need to change any setting in this page. Click Next



WAN IP Settings

Enter information provided to you by your ISP to configure the WAN IP settings.  
Notice: If 'Obtain an IP address automatically' is chosen, DHCP will be enabled for PVC in iPoE mode.  
If 'Use the following Static IP address' is chosen, enter the WAN IP address, subnet mask and interface gateway.

Obtain an IP address automatically

Option 60 Vendor ID:

Option 61 IAID:  (8 hexadecimal digits)

Option 61 DUID:  (hexadecimal digit)

Option 77 User ID:

Option 125:  Disable  Enable

Option 50 Request IP Address:

Option 51 Request Leased Time:

Option 54 Request Server Address:

Use the following Static IP address:

WAN IP address:

WAN Subnet Mask:

WAN gateway IP Address:

# Set up mode for ONR with Bridge Mode (Manual)

**Network Address Translation Settings**

Network Address Translation (NAT) allows you to share one Wide Area Network (WAN) IP address for multiple computers on your Local Area Network (LAN).

Enable NAT

Enable Fullcone NAT

Enable Firewall

**IGMP Multicast**

Enable IGMP Multicast Proxy

Enable IGMP Multicast Source

**Next** Back

Make sure Enable NAT and Enable Firewall is checked. Leave the rest as default. Click Next



**Routing -- Default Gateway**

Default gateway interface list can have multiple WAN interfaces served as system default gateways but only one will be used according to the priority with the first being the highest priority and the last one the lowest priority if the WAN interface is connected. Priority order can be changed by removing all and adding them back in again.

Selected Default Gateway Interfaces		Available Routed WAN Interfaces
Wan.1	<input type="button" value="-&gt;"/> <input type="button" value="-&lt;"/>	

**Next** Back

# Set up mode for ONR with Bridge Mode (Manual)

**DNS Server Configuration**

Select DNS Server Interface from available WAN interfaces OR enter static DNS server IP addresses for the system. If only a single WAN with static IPoE protocol is configured, static DNS server IP addresses must be entered.  
DNS Server Interfaces can have multiple WAN interfaces served as system dns servers but only one will be used according to the priority with the first being the highest priority if the WAN interface is connected. Priority order can be changed by removing all and adding them back in again.

**Select DNS Server Interface from available WAN interfaces:**

Selected DNS Server Interfaces: Wan.1  
Available WAN Interfaces: [Empty]

**Use the following Static DNS IP address**

Primary DNS server: [Empty]  
Secondary DNS server: [Empty]

Default DNS from available WAN Interface should be WAN.1. Click Next



Make sure that the settings below match the settings provided by your ISP.

<b>Connection -Type</b>	IPoE
<b>NAT</b>	Enabled
<b>Full Cone NAT</b>	Disabled
<b>Firewall</b>	Enabled
<b>IGMP Multicast Proxy</b>	Disabled
<b>IGMP Multicast Source Enabled</b>	Disabled
<b>MLD Multicast Proxy</b>	Disabled
<b>MLD Multicast Source Enabled</b>	Disabled
<b>Quality Of Service</b>	Disabled

Click 'Apply/Save' to have this interface to be effective. Click 'Back' to make any modifications.

This shows the configuration summary.  
Click Apply/Save. If needed, please reboot the router to ensure configuration is applied properly.

# Manual Set Up

- Create a new **SSID** (Wi-Fi name) and **Passphrase** (Wi-Fi Password). Click **Apply/Save** once done.

## General > Mesh Setup

### Mesh Setup

Choose the node type:

- Child Node
- Parent Node**
- Child Node
- Non-Mesh System

Apply/Save

### Mesh Setup

Choose the node type:

Parent Node

SSID:

WIFIHOME

Authentication Type:

WPA2-PSK

Encryption Type:

AES

Passphrase:

WIFIPASSWORD

Apply/Save

# Manual Set Up

- Click on **Wireless > Radio**. Select your **Country** from the drop-down menu, then scroll down and click **Apply**.

## Radio

This page allows you to configure the Physical WiFi interfaces.

Wireless interface: 5 GHz

Country: Asia - Singapore (Current SG)

Interface: [ ]

802.11 Band: [ ]

Channel Specification: [ ]

Bandwidth: [ ]

OBSS Coexistence: [ ]

Interference Level: Acceptable



- Go to **General > Internet Setup**
- Select the preconfigured profile of **Singtel** and click **Apply** to save settings

## Wide Area Network (WAN) Service Setup

Select Profile

Singtel

Apply

# Manual Set Up

- Now **reboot the modem** and wait until the INTERNET indicator light on the front panel of the router turns solid blue.

## Wide Area Network (WAN) Service Setup

Select Profile

Manual

Apply

Choose Add, Remove or Edit to configure a WAN service over a selected interface.

Interface	Description	Type	Vlan8021p	Vlan Max Id	VlanTpid	Igmp Proxy	Igmp Source	NAT	Firewall	IPv6	HTTP Proxy	HTTP Source	Remove	Edit
Wan1	cpe-pintf-2	IPvE	N/A	N/A	N/A	Disabled	Disabled	Enabled	Enabled	Disabled	Disabled	Disabled	<input type="checkbox"/>	Edit

Add

Remove

# Adding additional nodes of E9450

---

## **Take note:**

Before you begin, take note of the following:

- Only Linksys E9450 child nodes are supported.
- Linksys Velop or Mesh Routers are not supported.
- If you are adding another Linksys E9450 that has been configured with settings, make sure to reset it to factory settings first.
- The Linksys E9450 connected to the modem is called the **parent node**. Other Linksys E9450 routers that you will use to extend the Wi-Fi are called **child nodes**.
- The external **WPS** button is located at the Linksys E9450's back panel. It is the first button at the top

# Adding additional nodes of E9450 (Mesh Parent mode)

There are two ways to add E9450 Child Node into a Parent E9450

- Through Setup Wizard – See slide 6 video
- From GUI – **General** > **Internet Setup** > **Mesh Setup** > **Add a new node**

The screenshot displays the Linksys E9450 web interface. At the top, the Linksys logo is on the left, and 'Logout', 'Firmware Version: 1.0.00.042', and 'Wi-Fi Router E9450' are on the right. A navigation bar below the logo contains 'Device Info', 'General', 'Wireless', 'Advanced Setup', 'Diagnostics', and 'Management'. The 'General' tab is selected and highlighted with a red box. On the left sidebar, 'Internet Setup' is expanded, and 'Mesh Setup' is selected and highlighted with a red box. The main content area is titled 'Mesh Setup' and contains the following fields: 'Chose the node type:' with a dropdown menu set to 'Parent Node'; 'SSID:' with a text input field containing 'E9450'; 'Authentication Type:' with a dropdown menu set to 'WPA2-PSK'; 'Encryption Type:' with a dropdown menu set to 'AES'; and 'Passphrase:' with a text input field containing '12345678'. Below these fields is a blue 'Apply/Save' button. Further down, the 'Mesh parent mode state:' is shown as 'Status: Enable'. At the bottom, there is a section for 'Connected child node information:' with a table header containing 'Name', 'MAC', and 'RSSI'. Below the table is a blue 'Add a new node' button, which is highlighted with a red box.

LINKSYS

Logout  
Firmware Version: 1.0.00.042  
Wi-Fi Router E9450

Device Info **General** Wireless Advanced Setup Diagnostics Management

Internet Setup  
Internet Setup  
**Mesh Setup**

### Mesh Setup

Chose the node type: Parent Node

SSID: E9450

Authentication Type: WPA2-PSK

Encryption Type: AES

Passphrase: 12345678

Apply/Save

Mesh parent mode state: **Status:** Enable

Connected child node information:

Name	MAC	RSSI
------	-----	------

Add a new node

# Adding additional nodes of E9450 (Mesh Parent mode)

#1

## Add Node

Plug in your child node

Once it's got power, wait about 90 seconds for the node to be ready. You'll know it's ready when the wireless LED shows solid blue.



Cancel

It's Solid Blue

Wait for child node to power up properly, Press "It's Solid Blue" to continue

#2

## Add Node

Please go to press the WPS button on the child node for 3 sec. You shall see the MESH LED start blinking blue.



Once the Child Node power up completely, press "Done"

# Adding additional nodes of E9450 (Mesh Parent mode)

#3

## Add Node

Please go to press the WPS button on the child node for 3 sec. You shall see the MESH LED start blinking blue.



Cancel

The countdown has started

#4

Press WPS  
button of the  
Child Node  
for at least 3  
sec



Monitor the MESH LED of both Parent and Child Node. At this time, it should be blinking blue rapidly.

# Adding additional nodes of E9450 (Mesh Parent mode)

- Once pairing is complete the MESH indicator light will turn solid blue and the connected child node will now appear on the table of connected child nodes.

Mesh parent mode state: **Status:** Enable

Connected child node information:

Name	HAC	RSSI	
<input type="text" value="c4:41:1e:a0:99:49"/>	c4:41:1e:a0:99:49	-110	<a href="#">Update</a>

[Add a new node](#)

- To rename the child node, simply enter your preferred **Name** in the field then click **Update** once done.

Connected child node information:

Name	HAC	RSSI	
<input type="text" value="Living room"/>	c4:41:1e:a0:99:49	-110	<a href="#">Update</a>

[Add a new node](#)

# Adding additional nodes of E9450 (Mesh mode)

- Child Node information should be added into Mesh Setup Page.

Mesh parent mode state:

**Status:**

**Enable**

Connected child node information:

Name	MAC	RSSI	
<input type="text" value="c4:41:1e:63:c2:bd"/>	c4:41:1e:63:c2:bd	-110	<input type="button" value="Update"/>

N.B. With current shipping firmware, it only allow to add up to 2 child nodes in one system. To add more nodes will be for future update. Please ensure the firmware upgrade feature is enabled to received the most updated firmware.

# Set as standalone mode (Non-mesh system)

The screenshot shows the Linksys E9450 Wi-Fi Router web interface. The top navigation bar includes 'Device Info', 'General' (highlighted with a red box), 'Wireless', 'Advanced Setup', 'Diagnostics', and 'Management'. The 'General' tab is active, and the 'Mesh Setup' sub-tab is selected (also highlighted with a red box). The 'Mesh Setup' page displays the following configuration options:

- Chose the node type:** A dropdown menu with options 'Parent Node', 'Child Node', and 'Non-Mesh System' (selected and highlighted with a red box).
- SSID:** A text input field containing 'E9450' (highlighted with a red box).
- Authentication Type:** A dropdown menu set to 'WPA2-PSK'.
- Encryption Type:** A dropdown menu set to 'AES'.
- Passphrase:** A text input field containing '12345678' (highlighted with a red box).
- Apply/Save:** A blue button at the bottom of the form.

In this Mode, the E9450 will disable the Mesh functionality and work as a standalone/traditional router. In this Mode, the SSID format will be change accordingly:

- **2.4GHz == XXXXXX**
- **5GHz == XXXXXX\_5G**

When "XXXXXX" is the SSID name on the SSID input box

# Parental Controls (Access Time Restriction)

1. Log into parent node.
2. Advanced setup > Parental Control
3. Under the **Access Time Restriction** section, click **Add** button.

A maximum 16 entries can be configured

Username	MAC Address	Mon
<input type="button" value="Add"/>	<input type="button" value="Remove"/>	

4. Enter a user name for the client

Username

# Parental Controls (Access Time Restriction)

5. Select the **Other MAC Address** radio button and enter the client's MAC address.

Browser's MAC Address

Other MAC Address   
(XX:XX:XX:XX:XX:XX)

**NOTE:** The **Browser's MAC Address** automatically displays the MAC address of the LAN device where the browser is running.

6. Choose the days you want to restrict the client from accessing the network

Days of the week	Mon	Tue	Wed	Thu	Fri	Sat	Sun
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

# Parental Controls (Access Time Restriction)

7. Enter the start and end blocking times.

Start Blocking Time (hh:mm)

End Blocking Time (hh:mm)

8. Click **Apply/Save**.

## Access Time Restriction

A maximum 16 entries can be configured

Username	MAC Address	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Start	Stop	Remove
User1	E0:B5:5F:C7:53:55	x	x	x	x				18:0	21:0	<input type="checkbox"/>

**Note:** To delete a client from parental controls, just check the **Remove box** and click the **Remove** button.

# Parental Controls (URL Filter)

1. Log into parent node.
2. Advanced setup > Parental Control
3. Under the **URL Filter** section, select **Exclude** and click **Add** button.

## URL Filter

Please select the list type first then configure the list entries.  
A maximum 100 entries can be configured

URL List Type

Exclude

Include

URL Address	Port Number	Remove
<input type="button" value="Add"/> <input type="button" value="Remove"/>		

# Parental Controls (URL Filter)

4. Enter a URL Address and click **Apply/Save**

## URL Filter

Enter the URL address and port number then click 'Apply/Save' to add the entry to the URL filter.

URL Address

Port Number  (Default 80 will be applied if leave blank.)

Apply/Save

A URL address will be displayed in the table.

Please select the list type first then configure the list entries.  
A maximum 100 entries can be configured

URL List Type

Exclude

Include

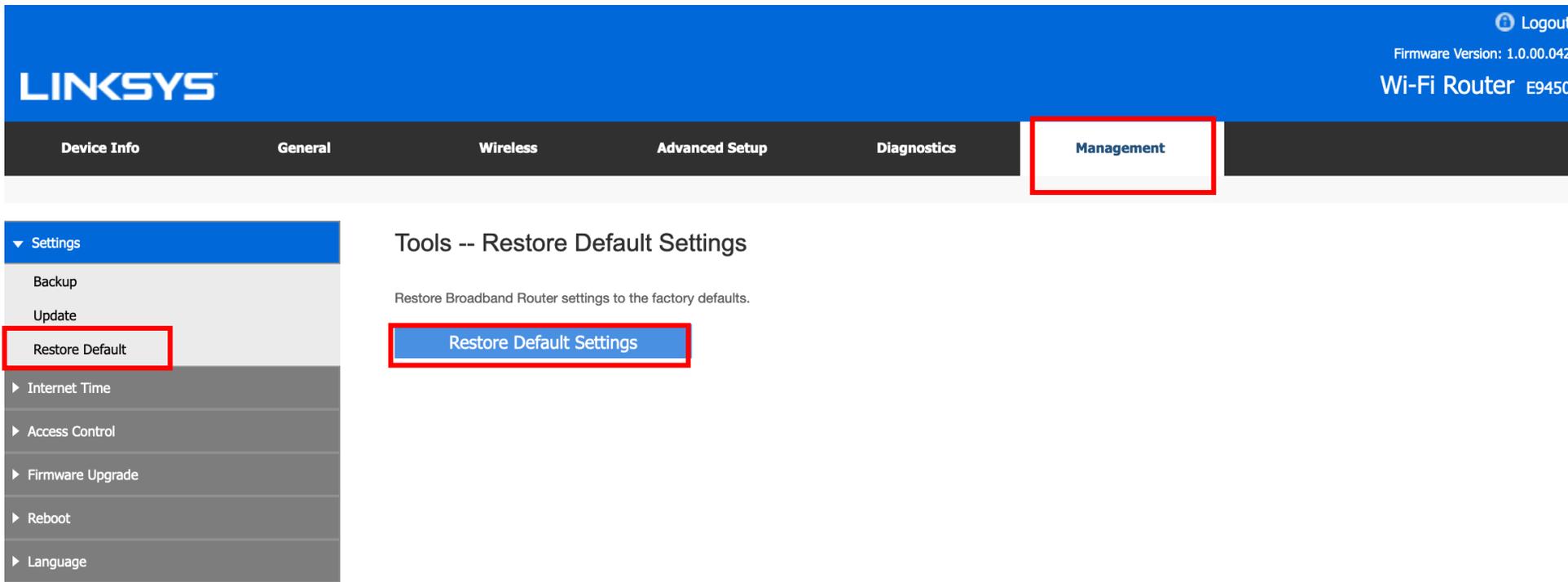
URL Address	Port Number	Remove
www.websitexyz.com	80	<input type="checkbox"/>

Add

Remove

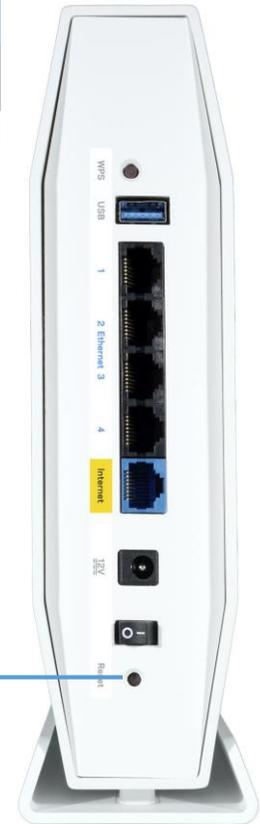
# Management Tab (Factory Reset Router)

If you encounter any issue, you can always start fresh by factory reset the router. Please note that all the existing configuration will be wiped out, make sure you backup any configuration if needed.



The screenshot displays the Linksys management web interface. At the top, the Linksys logo is on the left, and 'Logout', 'Firmware Version: 1.0.00.042', and 'Wi-Fi Router E9450' are on the right. A navigation bar contains tabs for 'Device Info', 'General', 'Wireless', 'Advanced Setup', 'Diagnostics', and 'Management', with 'Management' highlighted by a red box. On the left sidebar, a 'Settings' menu is expanded, and 'Restore Default' is highlighted with a red box. The main content area is titled 'Tools -- Restore Default Settings' and contains a blue button labeled 'Restore Default Settings', also highlighted with a red box. Below the button, it says 'Restore Broadband Router settings to the factory defaults.'

Press the Reset Button  
at least 5 seconds



# Management Tab (Access Control > Passwords)

- Make sure to use 'admin' as user name.

**Access Control -- Passwords**

Access to your broadband router is controlled through three user accounts: superuser, support, and admin.

Superuser has unrestricted access to change and view configuration of your Broadband Router

\*Support\* is used to allow an ISP technician to access your Broadband Router for maintenance and to run diagnostics.

\*Admin\* can access the Broadband Router, view configuration settings and statistics, as well as, update the router's software

Use the fields below to enter up to 16 characters and click 'Apply/Save' to change or create passwords. Note: Password cannot

User Name

Old Password

New Password

Confirm Password

[Apply/Save](#)

# Router Light Behaviour

Light	Activity	Description
<b>Power</b>	Solid Blue	System is up and ready
	Blinking Blue	Router is starting up
	Solid Orange	Boot loader is up or error
<b>Wi-Fi</b>	Solid Blue	Wi-Fi is ready
<b>Internet</b>	Solid Blue	Connected to the internet
	Solid Orange	Not connected to the internet
<b>Ethernet Light</b> (back panel)	Solid Green	Client connected to a port
	Blinking Green	Internet activity
<b>Mesh</b> (parent node)	OFF	No connection from a child node
	Solid Blue	Connected to a child node
	Blinking Blue	Pairing with a child node
	Blinking Orange	Pairing failed with a child node
<b>Mesh</b> (child node)	OFF	Not connected to a mesh network
	Solid Blue	Connected to a mesh network
	Blinking Blue	Pairing in progress with a parent node
	Blinking Orange	Disconnected from a parent node

