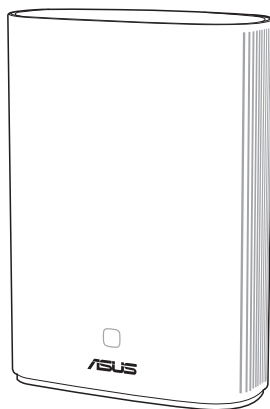


User Guide

ZenWiFi AX Hybrid

**AX1800+ AV1300 Dual-band Powerline
Mesh WiFi6 Router**

Model: XP4



E18547

First Edition

June 2021

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1 Getting to know your wireless router

1.1 Welcome!

Thank you for purchasing an ASUS ZenWiFi AX Hybrid Wireless Router!

The ultra-thin and stylish ZenWiFi AX Hybrid features a 2.4GHz and 5GHz dual bands for an unmatched concurrent wireless HD streaming; SMB server, UPnP AV server, and FTP server for 24/7 file sharing; a capability to handle 300,000 sessions; and the ASUS Green Network Technology, which provides up to 70% power-saving solution.

1.2 Package contents

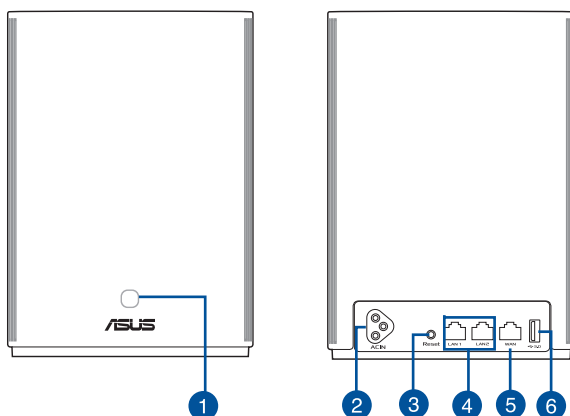
- | | |
|---|---|
| ☒ ZenWiFi AX Hybrid Wireless Router | ☒ Network cable (RJ-45) |
| ☒ Power cable | ☒ Quick Start Guide |

NOTES:

- If any of the items are damaged or missing, contact ASUS for technical inquiries and support. Refer to the ASUS Support Hotline list at the back of this user manual.
 - Keep the original packaging material in case you would need future warranty services such as repair or replacement.
-

1.3 Your wireless router

ASUS ZenWiFi AX Hybrid Overview



WPS/PLC combo button

Press this button to start WPS or PLC pairing.

- 1 **WPS pairing:** Press the buttons on XP4 and a new wireless client to establish WiFi connection.

PLC pairing: Press the buttons on XP4 in the existing Mesh System and a new XP4 device. After a short time, the new XP4 device will be integrated into your existing Mesh System.

-
- 2 **AC power connector**

Connect your router and node to wall sockets using the bundled power cords.

-
- 3 **Reset button**

This button resets or restores the system to its factory default settings.

-
- 4 **LAN ports**

Connect network cables into these ports to establish LAN connection.

WAN port

Connect a network cable into this port to establish WAN connection.

- 5 If you use XP4 as an AiMesh node, you can connect a network cable from a LAN port of an AiMesh router to its WAN port for uplink connection of Ethernet backhaul.

USB 3.1 Gen1 port

- 6 Insert a USB 3.1 Gen 1/ USB 2.0 device such as a USB disk or USB 3G/4G modem into this port.

If you use XP4 as an AiMesh node, the USB port supports function of AiDisk and macOS backup.

Specifications

DC Power adapter	100-240V AC, 50/60Hz, 1A		
Operating Temperature	0~40°C	Storage	0~70°C
Operating Humidity	50~90%	Storage	20~90%

ZenWiFi AX Hybrid LED indications

**Solid blue**

Your AiMesh router or node is ready for setup.

**Solid white**

Your AiMesh router or node is online and works well.

**Solid amber**

The signal between your AiMesh router and the node is weak.

**Solid red**

Your AiMesh router has no Internet connection.

Your AiMesh node is disconnected from the router.

**Blinking blue**

Your AiMesh router is applying new settings.

**Blinking amber**

Your AiMesh router or node is resetting.

**Solid purple**

Your AiMesh router or node is in rescue mode.

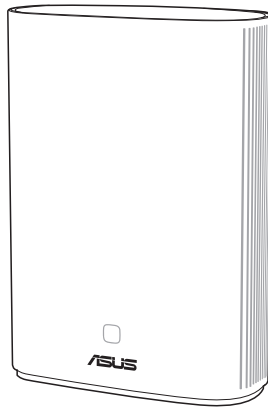
**Solid green**

Your AiMesh router or node is switching to another channel caused by system rebooting or radar signals detected on the current channel.

1.4 Positioning your router

For the best wireless signal transmission between the wireless router and the network devices connected to it, ensure that you:

- Place the wireless router in a centralized area for a maximum wireless coverage for the network devices.
- Keep the device away from metal obstructions and away from direct sunlight.
- Keep the device away from 802.11g or 20MHz only Wi-Fi devices, 2.4GHz computer peripherals, Bluetooth devices, cordless phones, transformers, heavy-duty motors, fluorescent lights, microwave ovens, refrigerators, and other industrial equipment to prevent signal interference or loss.
- Always update to the latest firmware. Visit the ASUS website at <http://www.asus.com> to get the latest firmware updates.



1.5 Setup Requirements

To set up your wireless network, you need a computer that meets the following system requirements:

- Ethernet RJ-45 (LAN) port (10Base-T/100Base-TX/1000BaseTX)
- IEEE 802.11a/b/g/n/ac wireless capability
- An installed TCP/IP service
- Web browser such as Internet Explorer, Firefox, Safari, or Google Chrome

NOTES:

- If your computer does not have built-in wireless capabilities, you may install an IEEE 802.11a/b/g/n/ac WLAN adapter to your computer to connect to the network.
 - With its dual band technology, your wireless router supports 2.4GHz and 5GHz wireless signals simultaneously. This allows you to do Internet-related activities such as Internet surfing or reading/writing e-mail messages using the 2.4GHz band while simultaneously streaming high-definition audio/video files such as movies or music using the 5GHz band.
 - Some IEEE 802.11n devices that you want to connect to your network may or may not support 5GHz band. Refer to the device's manual for specifications.
 - The Ethernet RJ-45 cables that will be used to connect the network devices should not exceed 100 meters.
-

1.6 Router Setup

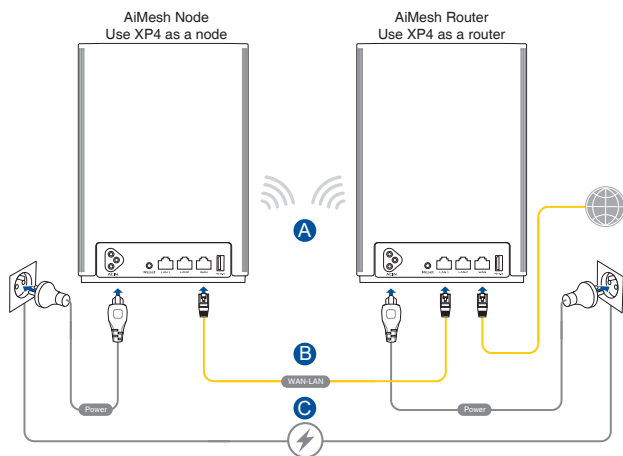
IMPORTANT!

- Use a wired connection when setting up your wireless router to avoid possible setup problems.
 - Before setting up your ASUS wireless router, do the following:
 - If you are replacing an existing router, disconnect it from your network.
 - Disconnect the cables/wires from your existing modem setup. If your modem has a backup battery, remove it as well.
 - Reboot your cable modem and computer (recommended).
-

AiMesh Router Setup Steps

01 XP4 works as an AiMesh router by default. You can also add it to an existing AiMesh system as an AiMesh node.

- As an AiMesh router: Use a network cable to connect your modem to the WAN port of XP4. (Skip to Step **02**)
- As an AiMesh node: Place the node within 3 meters of the router during the setup process. Connect your AiMesh node to the AiMesh router via the following ways:
 - A. WiFi Backhaul connection (Skip to Step **02**).
 - B. Ethernet Backhaul connection: Connect an Ethernet cable from the LAN port of the AiMesh router to the WAN port of the AiMesh node.
 - C. Powerline Backhaul connection (Skip to Step **02**).



02 Connect XP4 to a wall socket using the bundled power cord.

NOTES:

- Do not use a power extension cord to avoid degrading HomePlug signal and reducing data transfer speeds.
 - To minimize powerline interference, connect the power cord to a wall socket directly.
 - Plug the power cord to a 3-prong outlet instead of a 2-prong one for higher data transfer speeds.
-

03 Wait until the LED turns solid blue indicating that the device is ready for the setup.

04 Enable Bluetooth on your phone and launch ASUS Router APP. Do either of the following and follow the onscreen instructions to finish the AiMesh setup.

Press **Set up a new network** if you use XP4 as an AiMesh router; or

Press **Add AiMesh node** if you use XP4 as an AiMesh node.

NOTE: To set the AiMesh router to Access Point mode, go to web GUI (<http://router.asus.com>), and go to the page **Administration > Operation Mode**.

2 Getting started

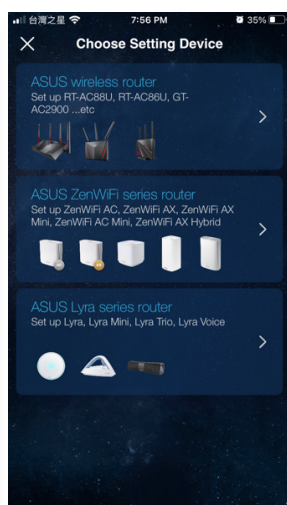
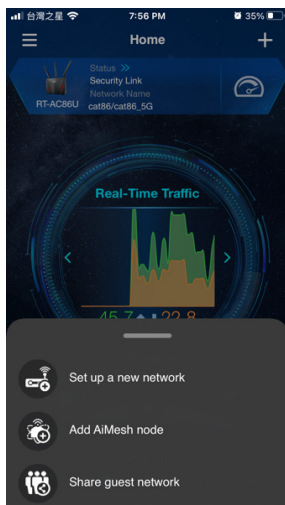
2.1 Installing ASUS Router App

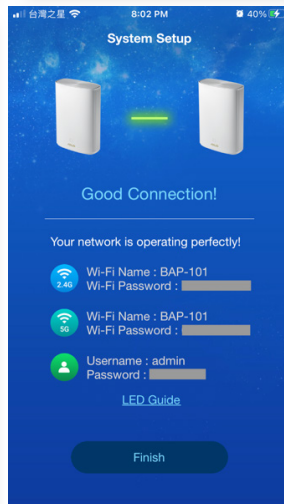
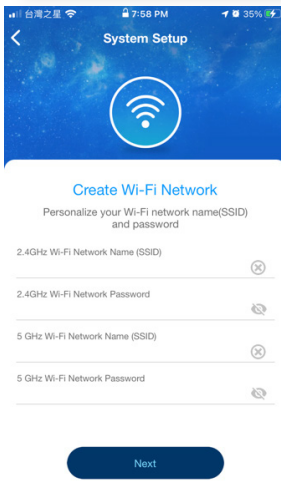
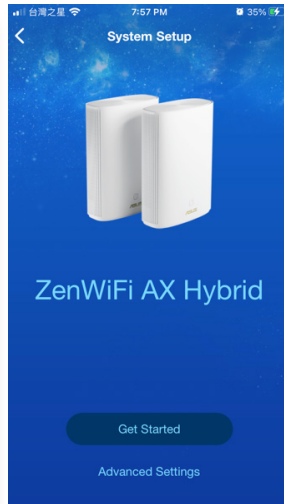
Download free ASUS Router app to set up and manage your router(s).



2.1.1 Quick Internet Setup (QIS) with ASUS Router App

Open the ASUS Router app and follow the on-screen instructions to set up your network.



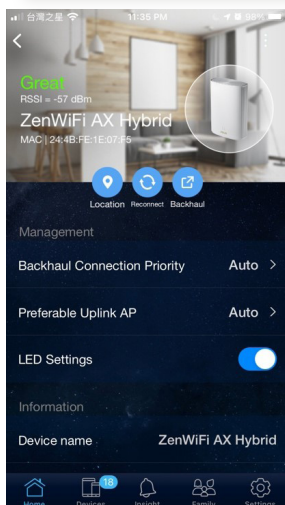
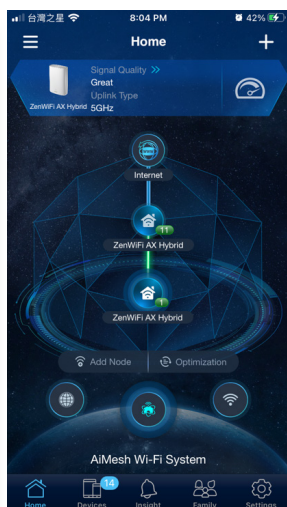


NOTES:

- If you have trouble finding your routers, ensure that the router and node are far enough away from each other. Interference from routers can complicate the setup process.
- When setting up the SSID, you can select **Separate 2.4GHz and 5GHz** to assign different SSIDs for your wireless bands.

To ensure that your router and node have been set up properly, in the ASUS Router app, go to **Home** and check the network connection between the router and the node.

- A green bar between the two nodes indicates strong signal strength;
- Tap the node to check the signal strength or connection quality.



After the node has connected, the router LED indicator may turn green, indicating that the router is performing backend optimizations. At this time, devices can connect to the network, but performance may be limited. We recommend waiting to perform tests until the router LED indicator turns white.

You can go to the router's web GUI for additional configurations if necessary. Refer to the following pages for details.

2.2 Logging into the Web GUI

Your ASUS Wireless Router comes with an intuitive web graphical user interface (GUI) that allows you to easily configure its various features through a web browser such as Internet Explorer, Firefox, Safari, or Google Chrome.

NOTE: The features may vary with different firmware versions.

To log into the web GUI:

1. On your web browser, enter <http://router.asus.com>.
2. On the login page, key in the default user name (**admin**) and password (**admin**).
3. You can now use the Web GUI to configure various settings of your ASUS Wireless Router.



NOTE: If you are logging into the Web GUI for the first time, you will be directed to the Quick Internet Setup (QIS) page automatically.

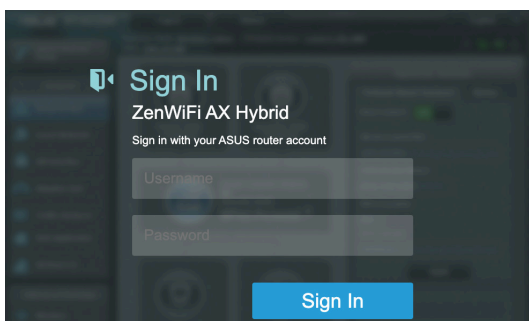
2.2.1 Quick Internet Setup (QIS) with Web GUI

The Quick Internet Setup (QIS) function guides you in quickly setting up your Internet connection.

NOTE: When setting the Internet connection for the first time, press the Reset button on your wireless router to reset it to its factory default settings.

To use QIS with auto-detection:

1. Log into the Web GUI. The QIS page launches automatically.



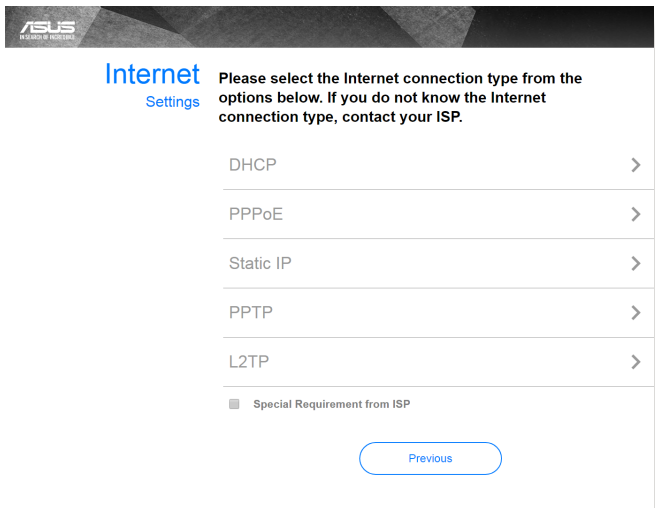
NOTES:

- For details on changing your wireless router's login username and password, refer to section **4.6.2 System**.
 - The wireless router's login username and password is different from the 2.4GHz/5GHz network name (SSID) and security key. The wireless router's login username and password allows you to log into your wireless router's Web GUI to configure your wireless router's settings. The 2.4GHz/5GHz network name (SSID) and security key allows Wi-Fi devices to log in and connect to your 2.4GHz/5GHz network.
-

2. The wireless router automatically detects if your ISP connection type is **Dynamic IP**, **PPPoE**, **PPTP**, **L2TP**, and **Static IP**. Key in the necessary information for your ISP connection type.

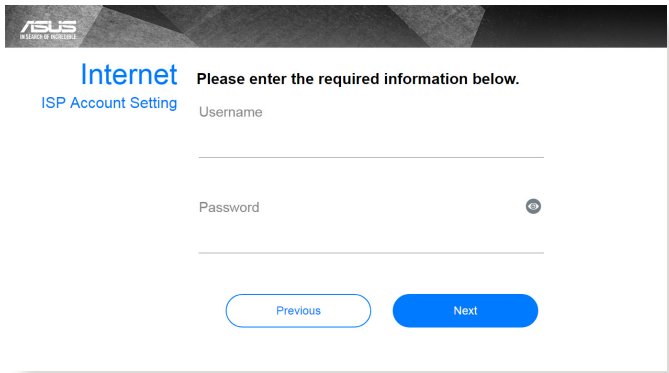
IMPORTANT! Obtain the necessary information from your ISP about the Internet connection type.

for Automatic IP (DHCP)



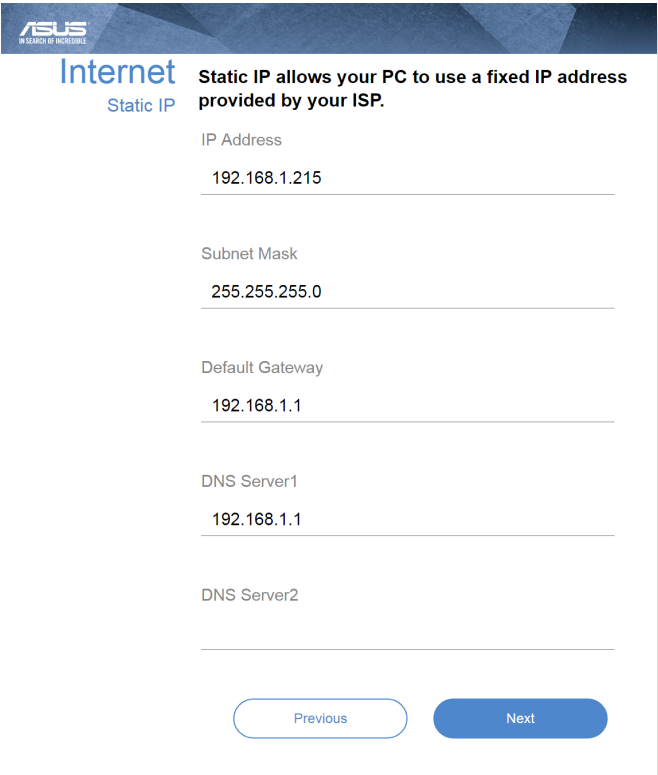
The screenshot shows the 'Internet Settings' page of an ASUS router. The title 'Internet Settings' is in blue. Below it, a message says: 'Please select the Internet connection type from the options below. If you do not know the Internet connection type, contact your ISP.' There is a list of five options, each with a right-pointing arrow: 'DHCP', 'PPPoE', 'Static IP', 'PPTP', and 'L2TP'. Below the list is a checkbox labeled 'Special Requirement from ISP'. At the bottom right is a blue button labeled 'Previous'.

for PPPoE, PPTP, and L2TP



The screenshot shows the 'Internet Account Setting' page of an ASUS router. The title 'Internet Account Setting' is in blue. Below it, a message says: 'Please enter the required information below.' There are two input fields: 'Username' and 'Password'. The 'Password' field has a small eye icon to its right. At the bottom are two buttons: a blue button labeled 'Previous' and a blue button labeled 'Next'.

for Static IP



The image shows a screenshot of the ASUS Internet Static IP configuration window. The window has a blue header with the ASUS logo and the text 'IN SEARCH OF PROGRESS'. Below the header, the title 'Internet' is in large blue font, and 'Static IP' is in smaller blue font. To the right of the title, a text box explains: 'Static IP allows your PC to use a fixed IP address provided by your ISP.' Below this, there are five input fields with labels: 'IP Address' (192.168.1.215), 'Subnet Mask' (255.255.255.0), 'Default Gateway' (192.168.1.1), 'DNS Server1' (192.168.1.1), and 'DNS Server2' (empty). At the bottom, there are two buttons: 'Previous' (outlined) and 'Next' (solid blue).

Internet
Static IP

Static IP allows your PC to use a fixed IP address provided by your ISP.

IP Address
192.168.1.215

Subnet Mask
255.255.255.0

Default Gateway
192.168.1.1

DNS Server1
192.168.1.1

DNS Server2

Previous Next

NOTES:

- The auto-detection of your ISP connection type takes place when you configure the wireless router for the first time or when your wireless router is reset to its default settings.
- If QIS failed to detect your Internet connection type, click **Skip to manual setting** and manually configure your connection settings.

3. Assign the wireless network name (SSID) and security key for your 2.4 GHz and 5 GHz wireless connection. Click **Apply** when done.

Wireless
Settings

Assign a unique name or SSID (Service Set Identifier) to help identify your wireless network.

Network Name (SSID)

00000000johnny

Wireless Security

☐ Separate 2.4GHz and 5GHz

Previous Apply

NOTE: If you want to assign different SSIDs for your 2.4 GHz and 5 GHz wireless connection, tick **Separate 2.4GHz and 5 GHz**.

Wireless
Settings

Assign a unique name or SSID (Service Set Identifier) to help identify your wireless network.

2.4GHz Network Name (SSID)

00000000johnny

2.4GHz Wireless Security

5GHz-1 Network Name (SSID)

00000000johnny

5GHz-1 Wireless Security

☒ Separate 2.4GHz and 5GHz

Previous Apply

2.3 Connecting to your wireless network

After setting up your wireless router via QIS, you can connect your computer or other smart devices to your wireless network.

To connect to your network:

1. On your computer, click the network icon  in the notification area to display the available wireless networks.
2. Select the wireless network that you want to connect to, then click **Connect**.
3. You may need to key in the network security key for a secured wireless network, then click **OK**.
4. Wait while your computer establishes connection to the wireless network successfully. The connection status is displayed and the network icon displays the connected  status.

NOTES:

- Refer to the next chapters for more details on configuring your wireless network's settings.
 - Refer to your device's user manual for more details on connecting it to your wireless network.
-

3 Configuring the General settings

3.1 Using the Network Map

Network Map allows you to configure your network's security settings, manage your network clients, and monitor your USB device.



3.1.1 Setting up the wireless security settings

To protect your wireless network from unauthorized access, you need to configure its security settings.

To set up the wireless security settings:

1. From the navigation panel, go to **General > Network Map**.
2. On the Network Map screen and under **System status**, you can configure the wireless security settings such as SSID, security level, and encryption settings.

NOTE: You can set up different wireless security settings for 2.4GHz and 5GHz bands.

2.4GHz security settings



System Status

Wireless Status

Smart Connect
None

2.4 GHz

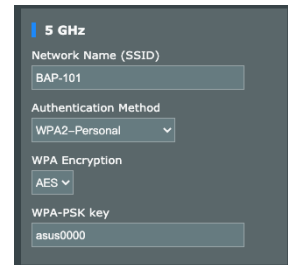
Network Name (SSID)
BAP-101

Authentication Method
WPA2-Personal

WPA Encryption
AES

WPA-PSK key
asus0000

5GHz security settings



5 GHz

Network Name (SSID)
BAP-101

Authentication Method
WPA2-Personal

WPA Encryption
AES

WPA-PSK key
asus0000

3. On the **Wireless name (SSID)** field, key in a unique name for your wireless network.
4. From the **WEP Encryption** dropdown list, select the encryption method for your wireless network.

IMPORTANT! The IEEE 802.11n/ac standard prohibits using High Throughput with WEP or WPA-TKIP as the unicast cipher. If you use these encryption methods, your data rate will drop to IEEE 802.11g 54Mbps connection.

5. Key in your security passkey.
6. Click **Apply** when done.

3.1.2 Managing your network clients

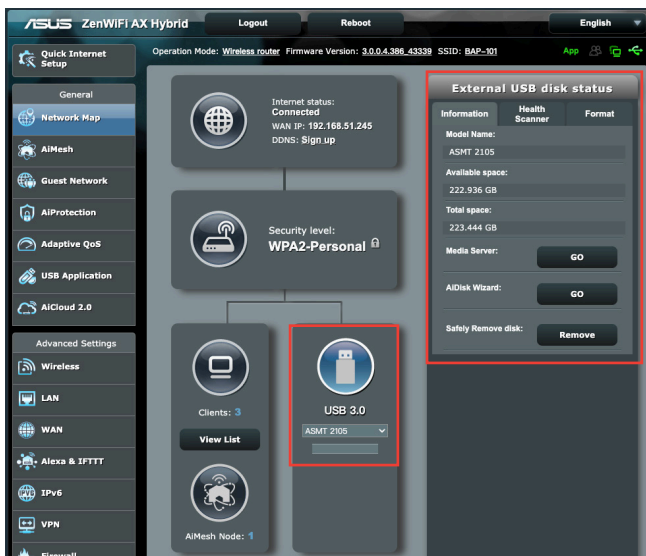


To manage your network clients:

1. From the navigation panel, go to **General > Network Map** tab.
2. On the Network Map screen, select the **Client Status** icon to display your network client's information.
3. To block a client's access to your network, select the client and click **block**.

3.1.3 Monitoring your USB device

The ASUS Wireless Router provides a USB port for connecting a USB device or a USB printer to allow you to share files and printer with clients in your network.



NOTE: To use this feature, you need to plug a USB storage device, such as a USB hard disk or a USB flash drive, to the USB 3.0 port on the rear panel of your wireless router. Ensure that the USB storage device is formatted and partitioned properly. Refer to the Plug-n-Share Disk Support List at <http://event.asus.com/networks/disksupport>.

IMPORTANT! You first need to create a share account and its permission /access rights to allow other network clients to access the USB device via an FTP site/third-party FTP client utility, Servers Center, Samba, or AiCloud 2.0. For more details, refer to the section **3.5 Using the USB Application** and **3.6 Using AiCloud 2.0** in this user manual.

To monitor your USB device:

1. From the navigation panel, go to **General > Network Map**.
2. On the Network Map screen, select the **USB Disk Status** icon to display your USB device's information.
3. On the AiDisk Wizard field, click **GO** to set up an FTP server for Internet file sharing.

NOTES:

- For more details, refer to the section **3.5.2 Using Servers Center** in this user manual.
 - The wireless router works with most USB HDDs/Flash disks (up to 2TB size) and supports read-write access for FAT16, FAT32, EXT2, EXT3, and NTFS.
-

Safely removing the USB disk

IMPORTANT! Incorrect removal of the USB disk may cause data corruption.

To safely remove the USB disk:

1. From the navigation panel, go to **General > Network Map**.
2. In the upper right corner, click  > **Eject USB disk**. When the USB disk is ejected successfully, the USB status shows **Unmounted**.



3.1.4 Setting up AiMesh System

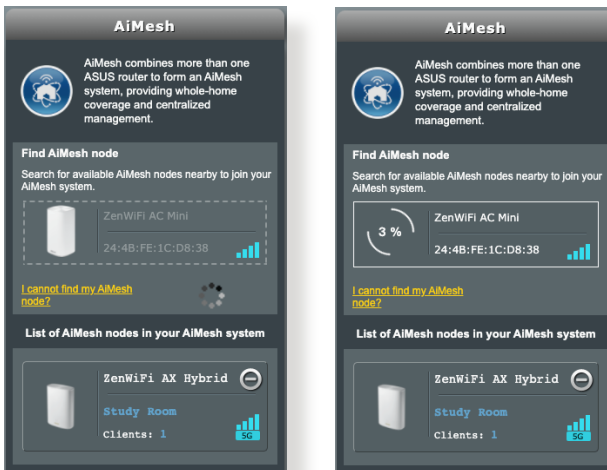
To setup ASUS AiMesh, make sure that the AiMesh node stays in factory defaults. Meanwhile, place the router and node around 3 meters away from each other during setup process.

To set up AiMesh system:

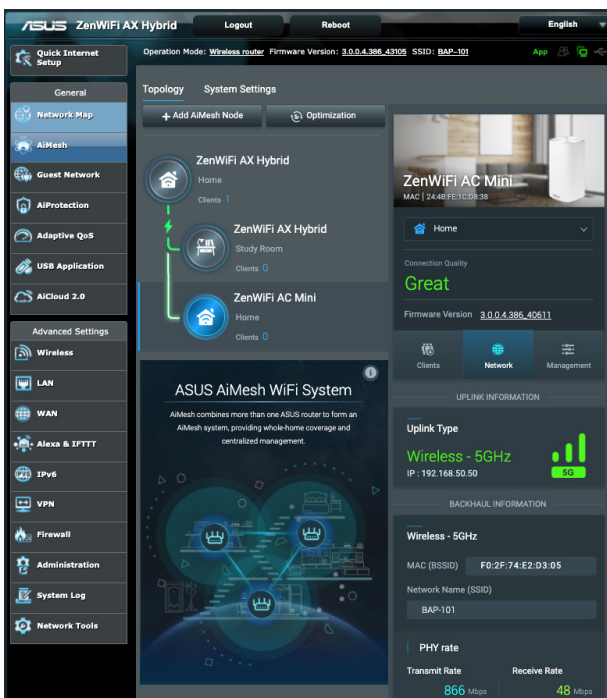
1. Login to your AiMesh router.
2. Go to **Network Map** page, click the **AiMesh Node** icon and then **Search** for your extending AiMesh node.



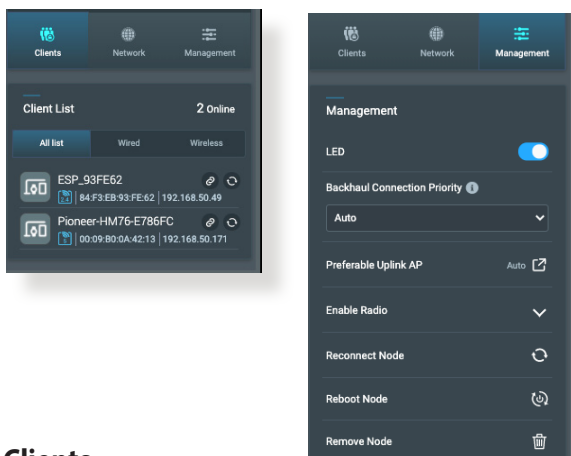
3. When the AiMesh node displays on this page, click it to join the AiMesh system. This will take some time, please wait until the process of adding the AiMesh node finishes.



4. When done, go to **AiMesh** to check the backhaul connection quality for your AiMesh nodes.



5. You can also find the information of the connected clients and tweak backhaul configurations on this page.



Clients

- Clicking  allows you to bind a WiFi client to a specified AiMesh node.
- When a client has connected to the nearby AiMesh node, clicking  allows you to reconnect it to the wireless network again. However, the connection decision rule still relies on the client driver.

Management

- Backhaul Connection Priority:** If you have preferred backhaul connection for your AiMesh system, select **a first specified priority** from the dropdown menu on **Backhaul Connection Priority**.
- Preferable Uplink AP:** When the node connects to the parent router or other node via WiFi backhaul, you can manually select an specified uplink AP from the dropdown menu.
- Enable Radio:** Enable or disable the node's radio manually.
- Reconnect Node:** If the backhaul of the node is connected through WiFi and the operating band is not what you expect, click  to reconnect to an uplink AP.
- Reboot Node:** Click  to reboot the node.
- Remove Node:** Click  to remove one of the nodes from your AiMesh system.

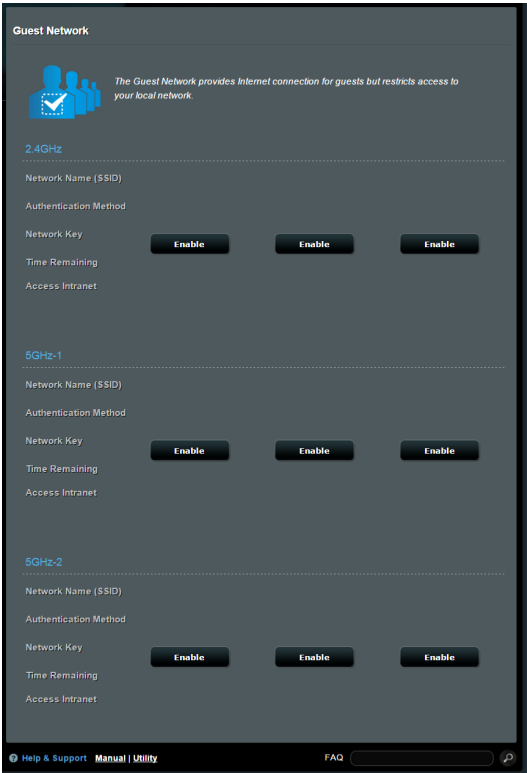
3.2 Creating a Guest Network

The Guest Network provides temporary visitors with Internet connectivity via access to separate SSIDs or networks without providing access to your private network.

NOTE: ZenWiFi AX Hybrid supports up to nine SSIDs.

To create a guest network:

- 1. From the navigation panel, go to **General > Guest Network**.
- 2. On the Guest Network screen, select 2.4GHz or 5GHz frequency band for the guest network that you want to create.
- 3. Click **Enable**.



4. To change a guest's settings, click the guest settings you want to modify. Click **Remove** to delete the guest's settings.
5. Assign a wireless name for your temporary network on the Network Name (SSID) field.

Guest Network

The Guest Network provides Internet connection for guests but restricts access to your local network.

2.4GHz

Network Name (SSID)	ASUS_Guest1
Authentication Method	Open System
Network Key	None
Time Remaining	Limitless
Access Intranet	off

Remove

5GHz-1

Network Name (SSID)	ASUS_5G-1_Guest1
Authentication Method	Open System
Network Key	None
Time Remaining	Limitless
Access Intranet	off

Remove

5GHz-2

Network Name (SSID)	ASUS_5G-2_Guest1
Authentication Method	Open System
Network Key	None
Time Remaining	Limitless
Access Intranet	off

Remove

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6. Select an Authentication Method.
7. If you select a WPA authentication method, select a WPA Encryption.
8. Specify the Access time or choose **Limitless**.
9. Select **Disable** or **Enable** on the Access Intranet item.
10. When done, click **Apply**.

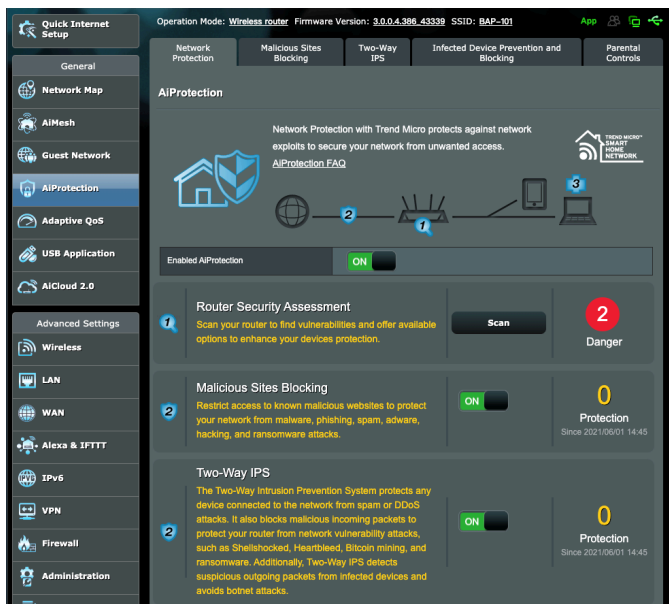
3.3 AiProtection

AiProtection provides real-time monitoring that detects malware, spyware, and unwanted access. It also filters unwanted websites and apps and allows you to schedule a time that a connected device is able to access the Internet.



3.3.1 Network Protection

Network Protection prevents network exploits and secures your network from unwanted access.

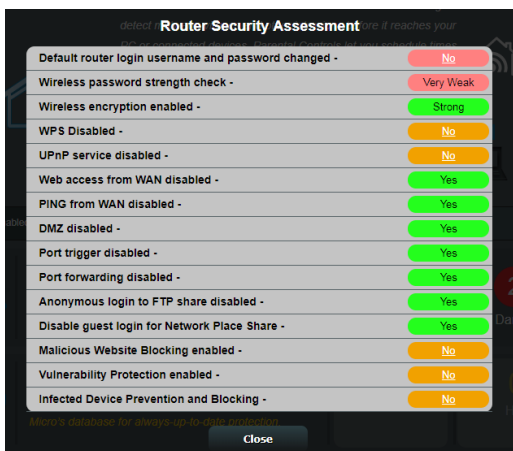


Configuring Network Protection

To configure Network Protection:

1. From the navigation panel, go to **General > AiProtection**.
2. From the **AiProtection** main page, click on **Network Protection**.
3. From the **Network Protection** tab, click **Scan**.

When done scanning, the utility displays the results on the **Router Security Assessment** page.



IMPORTANT! Items marked as **Yes** on the **Router Security Assessment** page is considered to be at a **safe** status. Items marked as **No**, **Weak**, or **Very Weak** is highly recommended to be configured accordingly.

4. (Optional) From the **Router Security Assessment** page, manually configure the items marked as **No**, **Weak**, or **Very Weak**. To do this:

a. Click an item.

NOTE: When you click an item, the utility forwards you to the item's setting page.

b. From the item's security settings page, configure and make the necessary changes and click **Apply** when done.

c. Go back to the **Router Security Assessment** page and click **Close** to exit the page.

5. To automatically configure the security settings, click **Secure Your Router**.

6. When a message prompt appears, click **OK**.

Malicious Sites Blocking

This feature restricts access to known malicious websites in the cloud database for an always-up-to-date protection.

NOTE: This function is automatically enabled if you run the **Router Weakness Scan**.

To enable Malicious Sites Blocking:

1. From the navigation panel, go to **General > AiProtection**.
2. From the **AiProtection** main page, click on **Network Protection**.
3. From the **Malicious Sites Blocking** pane, click **ON**.

Two-Way IPS

Two-Way IPS (Intrusion Prevention System) protects your router from network attacks by both blocking malicious incoming packets and detecting suspicious outgoing packets.

NOTE: This function is automatically enabled if you run the **Router Weakness Scan**.

To enable Two-Way IPS:

1. From the navigation panel, go to **General > AiProtection**.
2. From the **AiProtection** main page, click on **Network Protection**.
3. From the **Two-Way IPS** pane, click **ON**.

Infected Device Prevention and Blocking

This feature prevents infected devices from communicating personal information or infected status to external parties.

NOTE: This function is automatically enabled if you run the **Router Weakness Scan**.

To enable Infected Device Prevention and Blocking:

1. From the navigation panel, go to **General > AiProtection**.
2. From the **AiProtection** main page, click on **Network Protection**.
3. From the **Infected Device Prevention and Blocking** pane, click **ON**.

To configure Alert Preference:

1. From the **Infected Device Prevention and Blocking** pane, click **Alert Preference**.
2. Select or key in the e-mail provider, e-mail account, and password then click **Apply**.

3.3.2 Setting up Parental Controls

Parental Control allows you to control the Internet access time or set the time limit for a client's network usage.

To go to the Parental Controls main page:

1. From the navigation panel, go to **General > AiProtection**.
2. From the **AiProtection** main page, click on the **Parental Controls** tab.

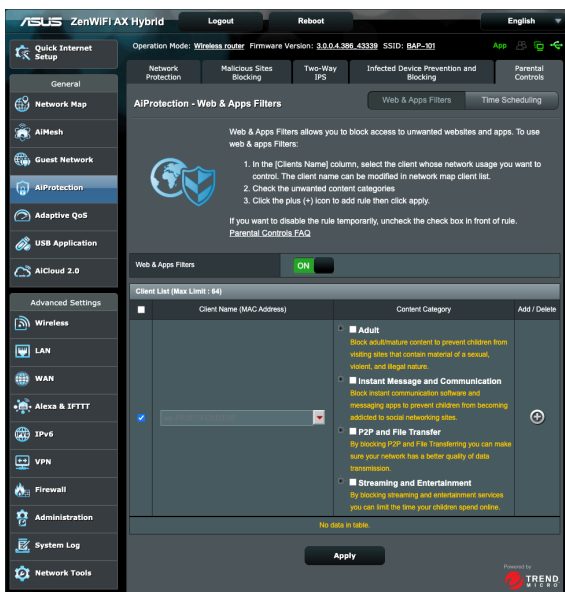


Web & Apps Filters

Web & Apps Filters is a feature of **Parental Controls** that allows you to block access to unwanted web sites or applications.

To configure Web & Apps Filters:

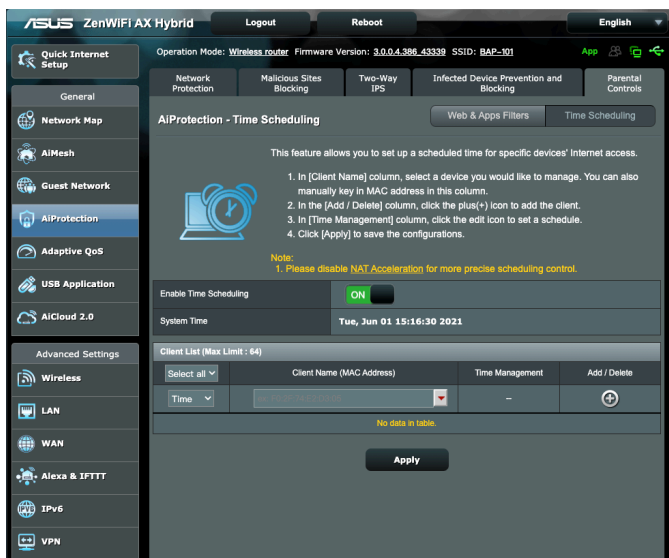
1. From the navigation panel, go to **General > AiProtection**.
2. From the **AiProtection** main page, click on the **Parental Controls** icon to go to the **Parental Controls** tab.
3. From the **Enable Web & Apps Filters** pane, click **ON**.
4. When the End Users License Agreement (EULA) message prompt appears, click **I agree** to continue.
5. From the **Client List** column, select or key in the client's name from the drop down list box.
6. From the **Content Category** column, select the filters from the four main categories: **Adult, Instant Message and Communication, P2P and File Transfer, and Streaming and Entertainment**.
7. Click  to add the client's profile.
8. Click **Apply** to save the settings.



Time Scheduling

Time Scheduling allows you to set the time limit for a client's network usage.

NOTE: Ensure that your system time is synchronized with the NTP server.



To configure Time Scheduling:

1. From the navigation panel, go to **General > AiProtection > Parental Controls > Time Scheduling**.
2. From the **Enable Time Scheduling** pane, click **ON**.
3. From the **Clients Name** column, select or key in the client's name from the drop down list box.

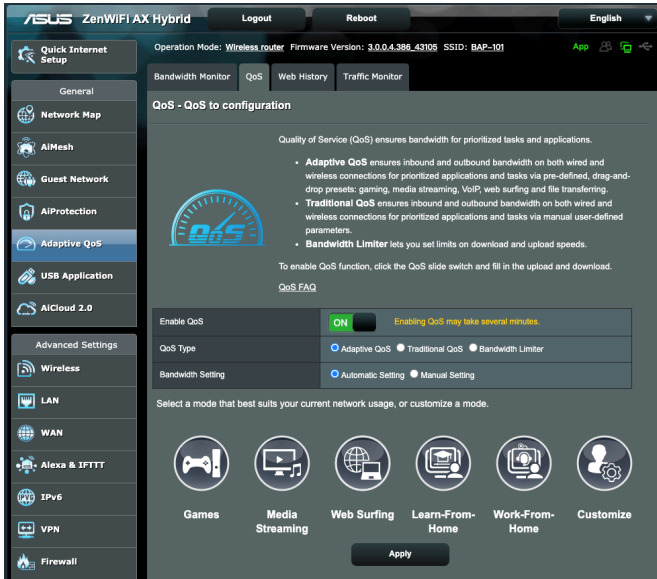
NOTE: You may also key in the client's MAC address in the **Client MAC Address** column. Ensure that the client name does not contain special characters or spaces as these may cause the router to function abnormally.

4. Click  to add the client's profile.
5. Click **Apply** to save the settings.

3.4 Using the Traffic Manager

3.4.1 Managing QoS (Quality of Service) Bandwidth

Quality of Service (QoS) allows you to set the bandwidth priority and manage network traffic.



To enable the Adaptive QoS function:

1. From the navigation panel, go to **General > Adaptive QoS > QoS** tab.
2. From the **Enable QoS** pane, click **ON**.
3. Click **Automatic Setting** for optimal bandwidth automatically or **Manual Setting** to set the upload and download bandwidth manually.

NOTE: Get the bandwidth information from your ISP. You can also go to <http://speedtest.net> to check and get your bandwidth.

4. Select the QoS Type (Adaptive or Traditional) for your configuration.

NOTE: The definition of the QoS Type is displayed on the QoS tab for your reference.

5. Click **Apply**.

3.5 Using the USB Application

The USB Applications function provides AiDisk, Servers Center, Network Printer Server and Download Master submenus.

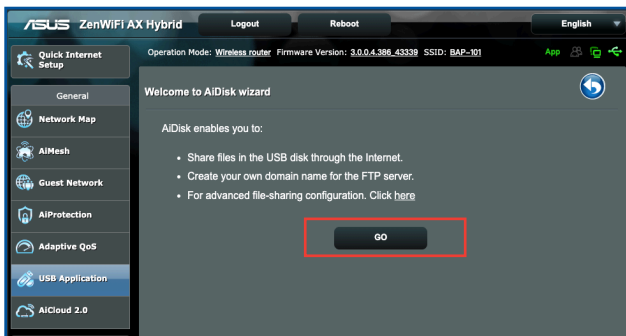
IMPORTANT! To use the server functions, you need to insert a USB storage device, such as a USB hard disk or a USB flash drive, in the USB 3.0 port on the rear panel of your wireless router. Ensure that the USB storage device is formatted and partitioned properly. Refer to the ASUS website at <http://event.asus.com/2009/networks/disksupport/> for the file system support table.

3.5.1 Using AiDisk

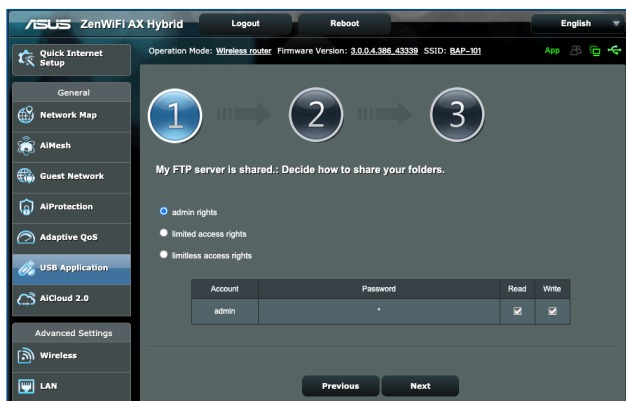
AiDisk allows you to share files stored on a connected USB device through the Internet. AiDisk also assists you with setting up ASUS DDNS and an FTP server.

To use AiDisk:

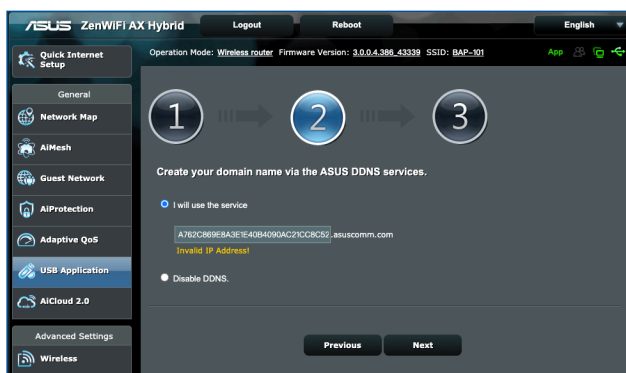
1. From the navigation panel, go to **General > USB application**, then click the **AiDisk** icon.
2. From the Welcome to AiDisk wizard screen, click **Go**.



3. Select the access rights that you want to assign to the clients accessing your shared data.



4. Create your domain name via the ASUS DDNS services, read the Terms of Service and then select **I will use the service and accept the Terms of service** and key in your domain name. When done, click **Next**.



You can also select **Skip ASUS DDNS settings** then click **Next** to skip the DDNS setting.

5. Click **Finish** to complete the setting.
6. To access the FTP site that you created, launch a web browser or a third-party FTP client utility and key in the ftp link (**ftp://<domain name>.asuscomm.com**) you have previously created.

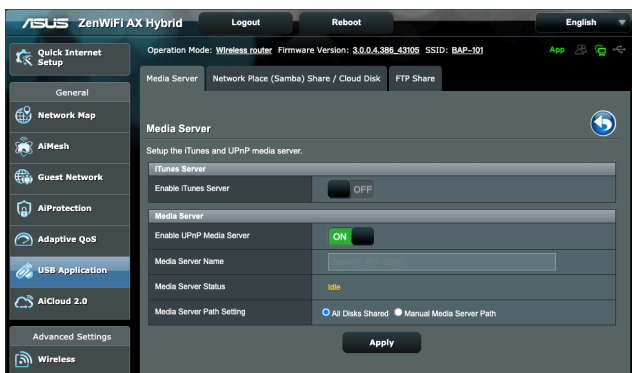
3.5.2 Using Servers Center

Servers Center allows you to share the media files from the USB disk via a Media Server directory, Samba share service, or FTP share service. You can also configure other settings for the USB disk in the Servers Center.

Using Media Server

Your wireless router allows DLNA-supported devices to access multimedia files from the USB disk connected to your wireless router.

NOTE: Before using the DLNA Media Server function, connect your device to ZenWiFi AX Hybrid's network.

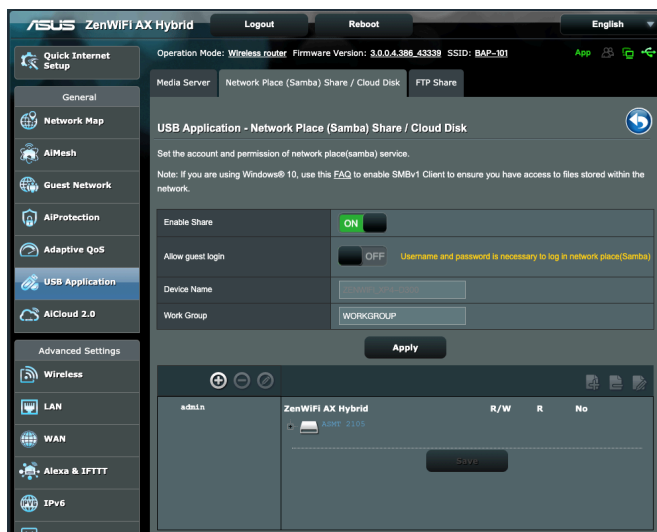


To launch the Media Server setting page, go to **General > USB Application > Media Service** tab. Refer to the following for the descriptions of the fields:

- **Enable iTunes Server:** Select ON/OFF to enable/disable the iTunes Server.
- **Enable UPnP Server:** Select ON/OFF to enable/disable the UPnP Server.
- **Media Server Status:** Displays the status of the media server.
- **Media Server Path Setting:** Select **All Disks Shared** or **Manual Media Server Path**.

Using Network Place (Samba) Share / Cloud Disk

Network Place (Samba) Share / Cloud Disk allows you to set up the accounts and permissions for the Samba service.



To use Samba share:

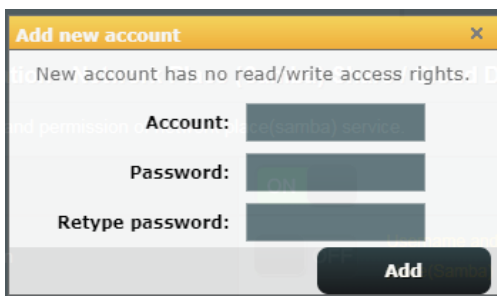
1. From the navigation panel, go to **General > USB Application > Network Place (Samba) Share / Cloud Disk** tab.

NOTE: Network Place (Samba) Share / Cloud Disk is enabled by default.

2. Follow the steps below to add, delete, or modify an account.

To create a new account:

- a) Click  to add new account.
- b) In the **Account** and **Password** fields, key in the name and password of your network client. Retype the password to confirm. Click **Add** to add the account to the list.

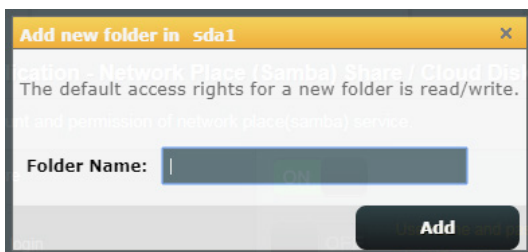


To delete an existing account:

- Select the account that you want to delete.
- Click .
- When prompted, click **Delete** to confirm the account deletion.

To add a folder:

- Click .
- Enter the folder name, and click **Add**. The folder that you created will be added to the folder list.



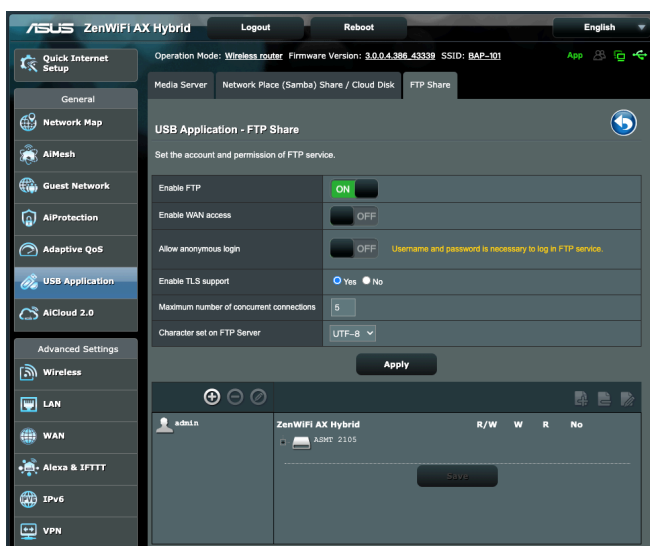
- From the list of folders, select the type of access permission that you want to assign for specific folders:
 - R/W**: Select this option to assign read/write access.
 - R**: Select this option to assign read-only access.
 - No**: Select this option if you do not want to share a specific file folder.
- Click **Apply** to apply the changes.

Using the FTP Share service

FTP share enables an FTP server to share files from USB disk to other devices via your local area network or via the Internet.

IMPORTANT!

- Ensure that you safely remove the USB disk. Incorrect removal of the USB disk may cause data corruption.
- To safely remove the USB disk, refer to the section **Safely removing the USB disk** under **3.1.3 Monitoring your USB device**.



To use FTP Share service:

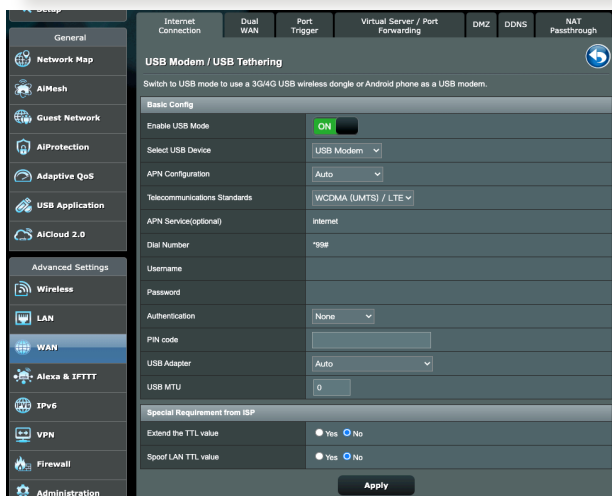
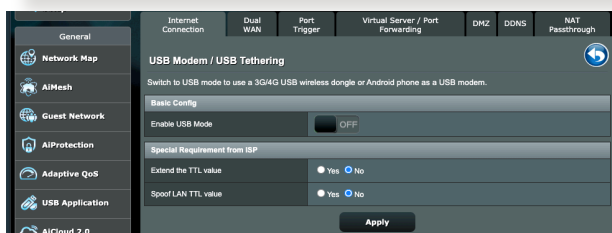
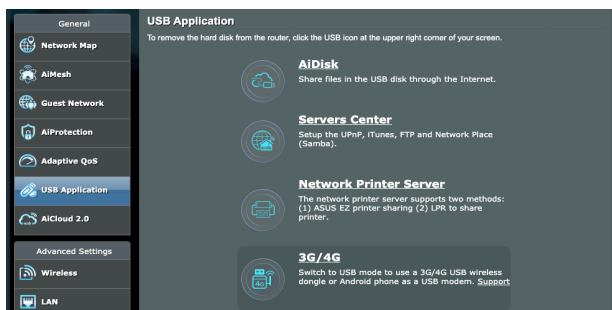
NOTE: Ensure that you have set up your FTP server through AiDisk. For more details, refer to the section **3.6.1 Cloud Disk**.

1. From the navigation panel, click **General** > **USB Application** > **FTP Share** tab.
2. From the list of folders, select the type of access rights that you want to assign for specific folders:
 - **R/W:** Select to assign read/write access for a specific folder.
 - **W:** Select to assign write only access for a specific folder.
 - **R:** Select to assign read only access for a specific folder.
 - **No:** Select this option if you do not want to share a specific folder.
3. Click **Apply** to confirm the changes.
4. To access the FTP server, key in the ftp link **ftp://<hostname>.asuscomm.com** and your user name and password on a web browser or a third-party FTP utility.

3.5.3 3G/4G

3G/4G USB modems can be connected to ZenWiFi AX Hybrid to allow Internet access.

NOTE: For a list of verified USB modems, please visit:
<http://event.asus.com/2009/networks/3gsupport/>.



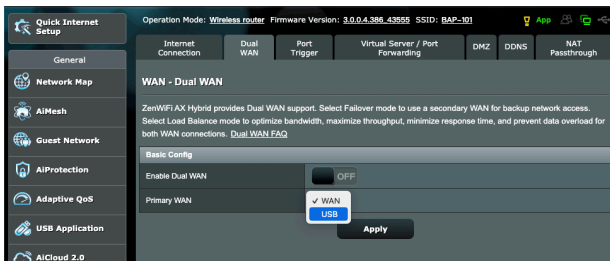
To set up 3G/4G internet access:

1. From the navigation panel, click **General** > **USB Application** > **3G/4G**.
2. In the **Enable USB Mode** field, move the slider to **ON**.
3. Set up the following:
 - **Select USB Device:** Select your 3G/4G USB device from the dropdown list.
 - **APN Configuration:** Contact your 3G/4G service provider for detailed information.
 - **Telecommunications Standards:** Select the telecommunications standard from the dropdown list.
 - **Dial Number** and **PIN code:** The 3G/4G provider's access number and PIN code for connection.

NOTE: PIN code may vary from different providers.

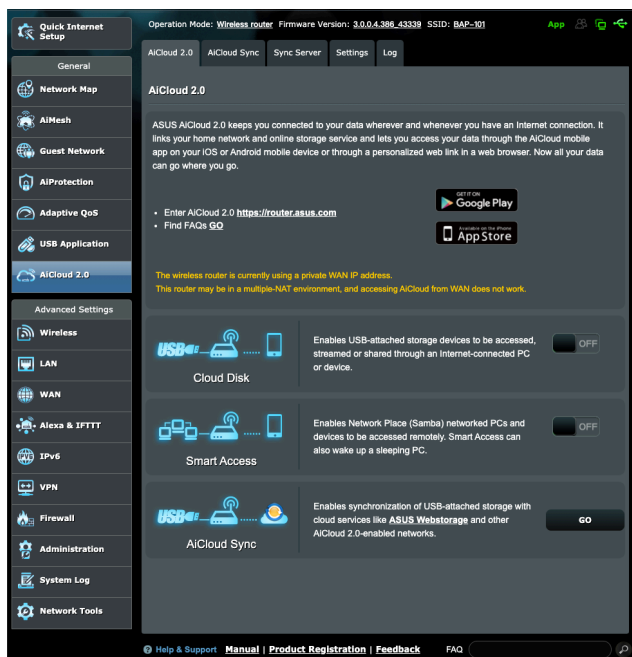
- **Username / Password:** The username and password will be provided by the 3G/4G network carrier.
 - **USB Adapter:** Choose your USB 3G / 4G adapter from the dropdown list. If you are not sure of your USB adapter's model or the model is not listed in the options, select **Auto**.
4. Click **Apply**.
 5. Click **Dual WAN** tab, select **USB** as the primary WAN, and click **Apply**.

NOTE: The router will reboot for the settings to take effect.



3.6 Using AiCloud 2.0

AiCloud 2.0 is a cloud service application that allows you to save, sync, share, and access your files.



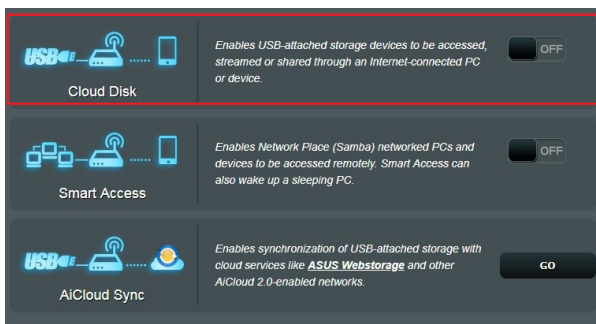
To use AiCloud 2.0:

1. From Google Play Store or Apple Store, download and install the ASUS AiCloud 2.0 app to your smart device.
2. Connect your smart device to your network. Follow the instructions to complete the AiCloud 2.0 setup process.

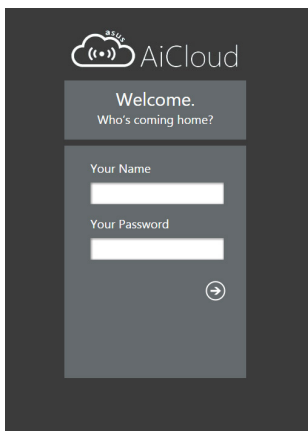
3.6.1 Cloud Disk

To create a cloud disk:

1. Insert a USB storage device into the wireless router.
2. Turn on **Cloud Disk**.



3. Go to <https://router.asus.com> and enter the router login account and password. For better user experience, we recommend that you use **Google Chrome** or **Firefox**.

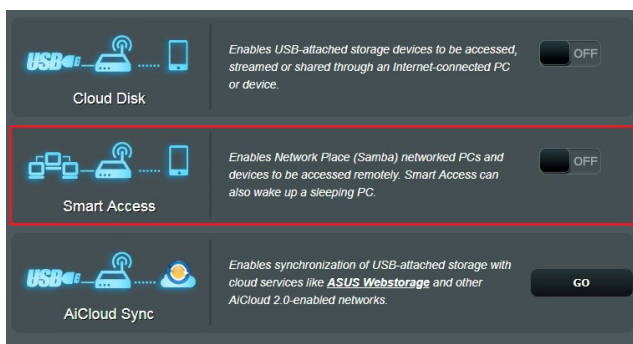


4. You can now start accessing Cloud Disk files on devices connected to the network.

NOTE: When accessing the devices that are connected to the network, you need to enter the device's user name and password manually, which will not be saved by AiCloud 2.0 for security reason.

3.6.2 Smart Access

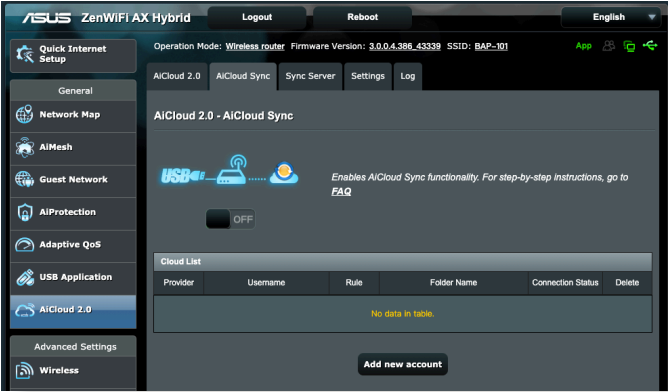
The Smart Access function allows you to easily access your home network via your router's domain name.



NOTES:

- You can create a domain name for your router with ASUS DDNS. For more details, refer to section **4.3.6 DDNS**.
- By default, AiCloud 2.0 provides a secure HTTPS connection. Key in **[https://\[yourASUSDDNSname\].asuscomm.com](https://[yourASUSDDNSname].asuscomm.com)** for a very secure Cloud Disk and Smart Access usage.

3.6.3 AiCloud Sync



To use AiCloud Sync:

1. Launch AiCloud 2.0, click **AiCloud Sync**.
2. Select **ON** to enable AiCloud Sync.
3. Click **Add new account**.
4. Enter your ASUS WebStorage account password and select the directory that you want to sync with WebStorage.
5. Click **Apply**.

4 Configuring the Advanced Settings

4.1 Wireless

4.1.1 General

The General tab allows you to configure the basic wireless settings.

The screenshot displays the ASUS ZenWiFi AX Hybrid web interface. The top navigation bar includes 'Logout', 'Reboot', and 'English'. The left sidebar shows a menu with 'Quick Internet Setup', 'General', 'Network Map', 'AiMesh', 'Guest Network', 'AiProtection', 'Adaptive QoS', 'USB Application', 'AiCloud 2.0', 'Advanced Settings', 'Wireless' (selected), 'LAN', 'WAN', 'Alexa & IFTTT', 'IPv6', 'VPN', 'Firewall', 'Administration', 'System Log', and 'Network Tools'. The main content area is titled 'Wireless - General' and contains the following settings:

Wireless - General	
Set up the wireless related information below.	
Enable Smart Connect	☒ ON Smart Connect Rule
Network Name (SSID)	BAP-101
Hide SSID	☐ Yes ☒ No
Wireless Mode	Auto ☒ Optimized for Xbox
802.11ax / WiFi 6 mode	Enable ☐ If compatibility issue occurs when enabling 802.11ax / WiFi 6 mode, please check FAQ
Channel bandwidth	Auto
Control Channel	Auto ☒ Current Control Channel: 100 ☒ Auto select channel including DFS channels
Extension Channel	Auto
Authentication Method	WPA2-Personal
WPA Encryption	AES
WPA Pre-Shared Key	0933699365
Group Key Rotation Interval	3600
Apply	

At the bottom of the interface, there is a footer with links for 'Help & Support', 'Manual', 'Product Registration', 'Feedback', and 'FAQ'.

To configure the basic wireless settings:

1. From the navigation panel, go to **Advanced Settings > Wireless > General** tab.
2. At ZenWiFi router, the Smart Connect is enabled by default, which means 2.4GHz and 5GHz settings will be synchronized. If you disable Smart Connect, you can select 2.4GHz or 5GHz as the frequency band for your wireless network.
3. Assign a unique name containing up to 32 characters for your SSID (Service Set Identifier) or network name to identify your wireless network. Wi-Fi devices can identify and connect to the wireless network via your assigned SSID. The SSIDs on the information banner are updated once new SSIDs are saved to the settings.

NOTE: You can assign unique SSIDs for the 2.4 GHz and 5GHz frequency bands.

4. In the **Hide SSID** field, select **Yes** to prevent wireless devices from detecting your SSID. When this function is enabled, you would need to enter the SSID manually on the wireless device to access the wireless network.
5. Select any of these wireless mode options to determine the types of wireless devices that can connect to your wireless router:
 - **Auto:** Select **Auto** to allow 802.11AC, 802.11n, 802.11g, and 802.11b devices to connect to the wireless router.
 - **Legacy:** Select **Legacy** to allow 802.11b/g/n devices to connect to the wireless router. Hardware that supports 802.11n natively, however, will only run at a maximum speed of 54Mbps.
 - **N only:** Select **N only** to maximize wireless N performance. This setting prevents 802.11g and 802.11b devices from connecting to the wireless router.

6. Select any of these channel bandwidth to accommodate higher transmission speeds:

40MHz/80MHz: Select this bandwidth to maximize the wireless throughput.

20MHz (default): Select this bandwidth if you encounter some issues with your wireless connection.

7. Select the operating channel for your wireless router. Select **Auto** to allow the wireless router to automatically select the channel that has the least amount of interference.
8. Select any of these authentication methods:
 - **Open System:** This option provides no security.
 - **Shared Key:** You must use WEP encryption and enter at least one shared key.
 - **WPA/WPA2/WPA3 Personal/WPA Auto-Personal:** This option provides strong security. You can use either WPA (with TKIP) or WPA2 (with AES). If you select this option, you must use TKIP + AES encryption and enter the WPA passphrase (network key).
 - **WPA/WPA2 Enterprise/WPA Auto-Enterprise:** This option provides very strong security. It is with integrated EAP server or an external RADIUS back-end authentication server.
 - **Radius with 802.1x**

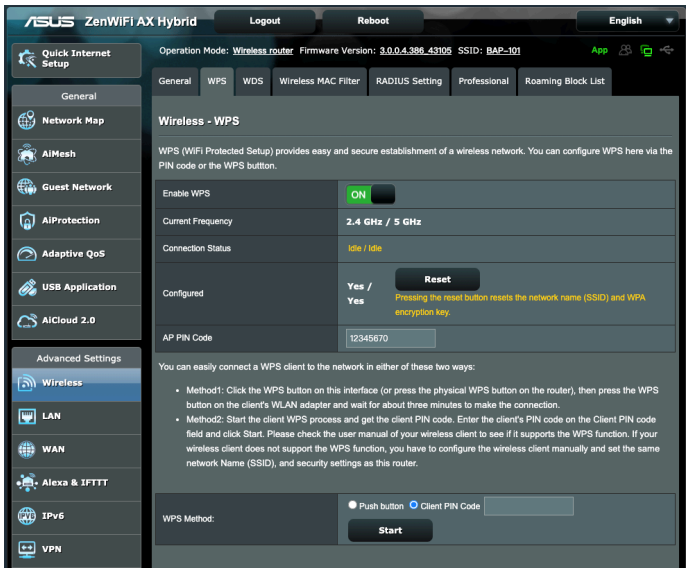
NOTE: Your wireless router supports the maximum transmission rate of 54Mbps when the **Wireless Mode** is set to **Auto** and **encryption method** is **WEP** or **TKIP**.

9. Select any of these WEP (Wired Equivalent Privacy) Encryption options for the data transmitted over your wireless network:
 - **Off:** Disables WEP encryption
 - **64-bit:** Enables weak WEP encryption
 - **128-bit:** Enables improved WEP encryption
10. When done, click **Apply**.

4.1.2 WPS

WPS (Wi-Fi Protected Setup) is a wireless security standard that allows you to easily connect devices to a wireless network. You can configure the WPS function via the PIN code or WPS button.

NOTE: Ensure that the devices support WPS.



To enable WPS on your wireless network:

1. From the navigation panel, go to **Advanced Settings > Wireless > WPS** tab.
2. In the **Enable WPS** field, move the slider to **ON**.
3. WPS uses 2.4GHz and 5GHz concurrently by default. If you want to change the frequency to 2.4GHz or 5GHz, turn **OFF** the WPS function, click **Switch Frequency** in the **Current Frequency** field, and turn WPS **ON** again.

NOTE: WPS supports authentication using Open System, WPA-Personal, WPA2-Personal and WPA3-Personal. WPS does not support a wireless network that uses a Shared Key, WPA-Enterprise, WPA2-Enterprise, and RADIUS encryption method.

Wireless - WPS	
WPS (WiFi Protected Setup) provides easy and secure establishment of a wireless network. You can configure WPS here via the PIN code or the WPS button.	
Enable WPS	☐ OFF
Current Frequency	2.4 GHz / 5 GHz Switch Frequency
Connection Status	Not used / Not used
Configured	Yes / Yes
AP PIN Code	12345670

Wireless - WPS	
WPS (WiFi Protected Setup) provides easy and secure establishment of a wireless network. You can configure WPS here via the PIN code or the WPS button.	
Enable WPS	☐ OFF
Current Frequency	2.4 GHz Switch Frequency
Connection Status	Not used
Configured	Enabled
AP PIN Code	12345670

Wireless - WPS	
WPS (WiFi Protected Setup) provides easy and secure establishment of a wireless network. You can configure WPS here via the PIN code or the WPS button.	
Enable WPS	☐ OFF
Current Frequency	5 GHz Switch Frequency
Connection Status	Not used
Configured	Enabled
AP PIN Code	12345670

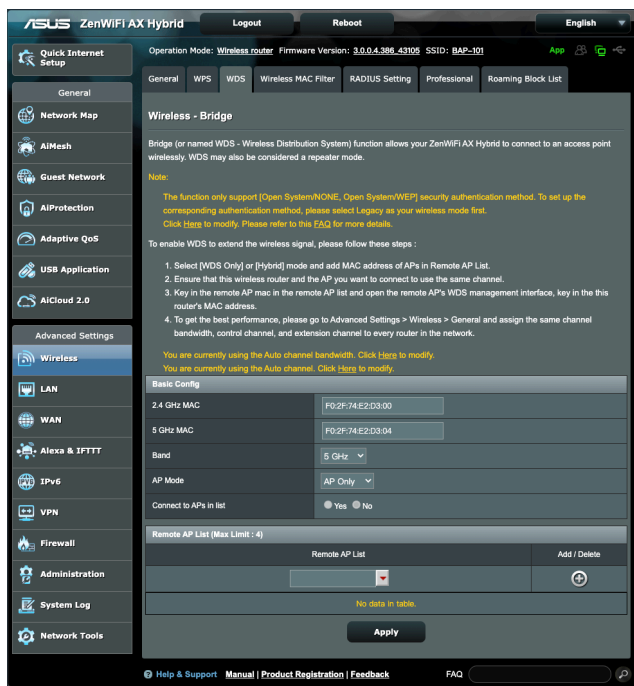
4. In the WPS Method field, select **Push Button** or **Client PIN** code. If you select **Push button**, go to step 5. If you select **Client PIN Code**, go to step 6.
5. To set up WPS using the router's WPS button, follow these steps:
 - a. Click **Start** or press the WPS button found at the front of the wireless router.
 - b. Press the WPS button on your wireless device. This is normally identified by the WPS logo.

NOTE: Check your wireless device or its user manual for the location of the WPS button.

- c. The wireless router will scan for any available WPS devices. If the wireless router does not find any WPS devices, it will switch to standby mode.
- 6. To set up WPS using the Client's PIN code, follow these steps:
 - a. Locate the WPS PIN code on your wireless device's user manual or on the device itself.
 - b. Key in the Client PIN code on the text box.
 - c. Click **Start** to put your wireless router into WPS survey mode. The router's LED indicators quickly flash three times until the WPS setup is completed.

4.1.3 Bridge

Bridge or WDS (Wireless Distribution System) allows your ASUS wireless router to connect to another wireless access point exclusively, preventing other wireless devices or stations to access your ASUS wireless router. It can also be considered as a wireless repeater where your ASUS wireless router communicates with another access point and other wireless devices.



To set up the wireless bridge:

1. From the navigation panel, go to **Advanced Settings > Wireless > WDS** tab.
2. Select the frequency band for the wireless bridge.
3. In the **AP Mode** field, select any of these options:
 - **AP Only**: Disables the Wireless Bridge function.

- **WDS Only:** Enables the Wireless Bridge feature but prevents other wireless devices/stations from connecting to the router.
- **HYBRID:** Enables the Wireless Bridge feature and allows other wireless devices/stations to connect to the router.

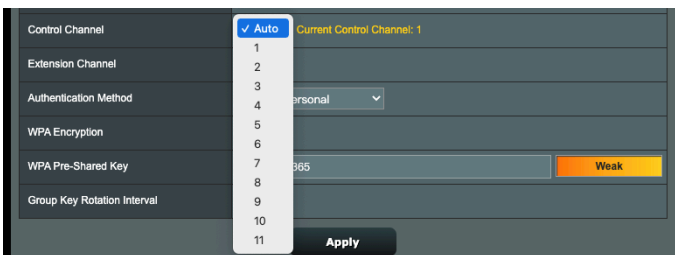
NOTE: In Hybrid mode, wireless devices connected to the ASUS wireless router will only receive half the connection speed of the Access Point.

4. In the **Connect to APs in list** field, click **Yes** if you want to connect to an Access Point listed in the Remote AP List.
5. In the **Control Channel** field, select the operating channel for the wireless bridge. Select **Auto** to allow the router to automatically select the channel with the least amount of interference.

NOTE: Channel availability varies per country or region.

6. On the Remote AP List, key in a MAC address and click the **Add** button  to enter the MAC address of other available Access Points.

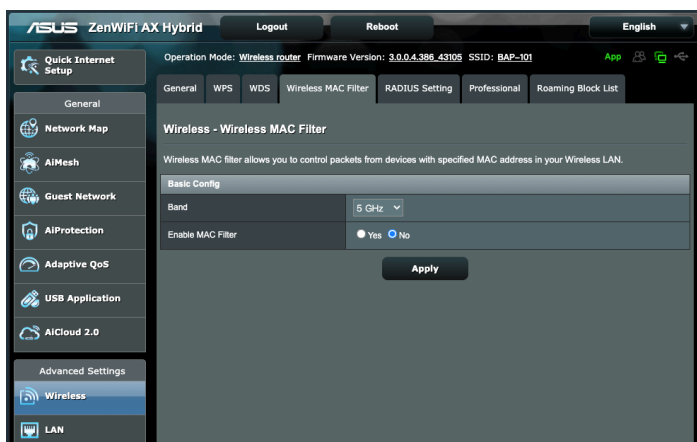
NOTE: Any Access Point added to the list should be on the same Control Channel as the ASUS wireless router.



7. Click **Apply**.

4.1.4 Wireless MAC Filter

Wireless MAC filter provides control over packets transmitted to a specified MAC (Media Access Control) address on your wireless network.

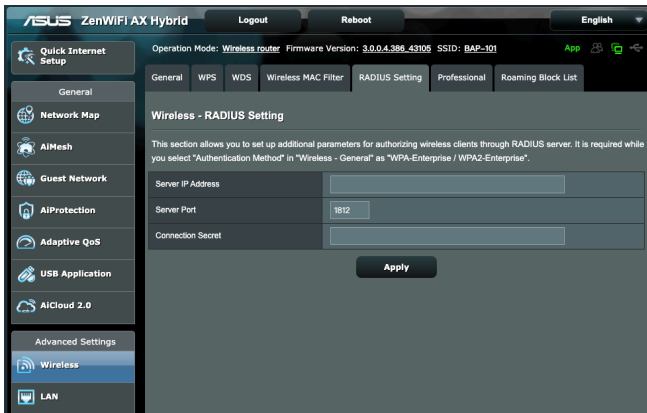


To set up the Wireless MAC filter:

1. From the navigation panel, go to **Advanced Settings > Wireless > Wireless MAC Filter** tab.
2. Tick **Yes** in the **Enable Mac Filter** field.
3. In the **MAC Filter Mode** dropdown list, select either **Accept** or **Reject**.
 - Select **Accept** to allow devices in the MAC filter list to access to the wireless network.
 - Select **Reject** to prevent devices in the MAC filter list to access to the wireless network.
4. On the MAC filter list, click the **Add**  button and key in the MAC address of the wireless device.
5. Click **Apply**.

4.1.5 RADIUS Setting

RADIUS (Remote Authentication Dial In User Service) Setting provides an extra layer of security when you choose WPA-Enterprise, WPA2-Enterprise, or Radius with 802.1x as your Authentication Mode.

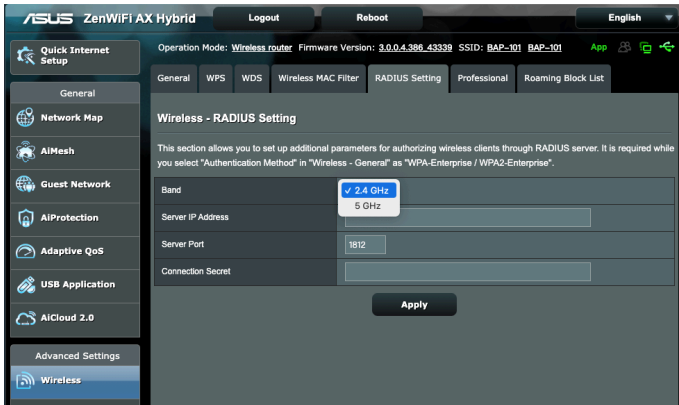


To set up wireless RADIUS settings:

1. Ensure that the wireless router's authentication mode is set to WPA-Enterprise, WPA2-Enterprise, or Radius with 802.1x.

NOTE: Please refer to section **4.1.1 General** section for configuring your wireless router's Authentication Mode.

2. From the navigation panel, go to **Advanced Settings > Wireless > RADIUS Setting**.
3. Select a frequency band if Smart Connect is disabled.

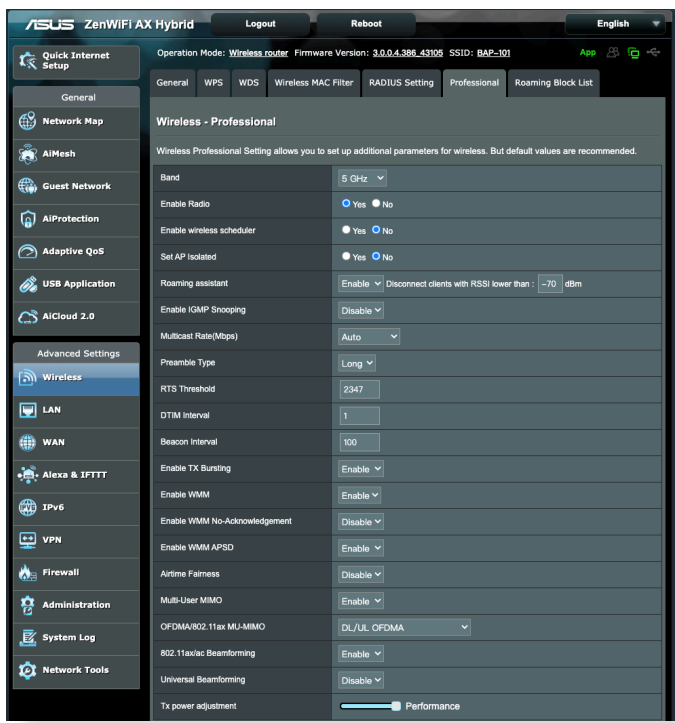


4. In the **Server IP Address** field, key in your RADIUS server's IP Address.
5. In the **Connection Secret** field, assign the password to access your RADIUS server.
6. Click **Apply**.

4.1.6 Professional

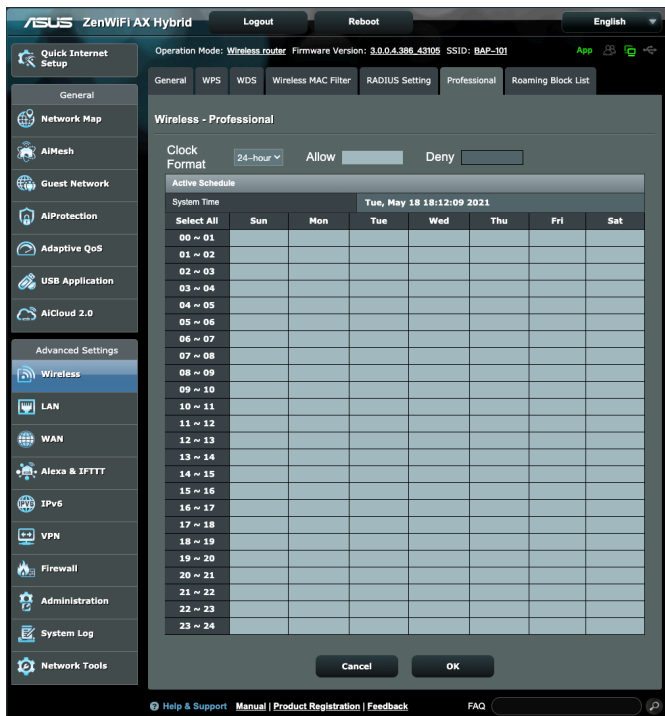
The Professional screen provides advanced configuration options.

NOTE: We recommend that you use the default values on this page.



In the **Professional** screen, you can configure the following:

- **Band:** Select the frequency band that the professional settings will be applied to.
- **Enable Radio:** Select **Yes** to enable wireless networking. Select **No** to disable wireless networking.
- **Enable wireless scheduler:** You can choose clock format as 24-hour or 12-hour. The color in the table indicates Allow or Deny. Click each frame to change the settings of the hour of the weekdays and click **OK** when done.



- **Set AP isolated:** The Set AP isolated item prevents wireless devices on your network from communicating with each other. This feature is useful if many guests frequently join or leave your network. Select **Yes** to enable this feature or select **No** to disable.
- **Multicast rate (Mbps):** Select the multicast transmission rate or click **Disable** to switch off simultaneous single transmission.
- **Preamble Type:** Preamble Type defines the length of time that the router spent for CRC (Cyclic Redundancy Check). CRC is a method of detecting errors during data transmission. Select **Short** for a busy wireless network with high network traffic. Select **Long** if your wireless network is composed of older or legacy wireless devices.
- **RTS Threshold:** Select a lower value for RTS (Request to Send) Threshold to improve wireless communication in a busy or noisy wireless network with high network traffic and numerous wireless devices.

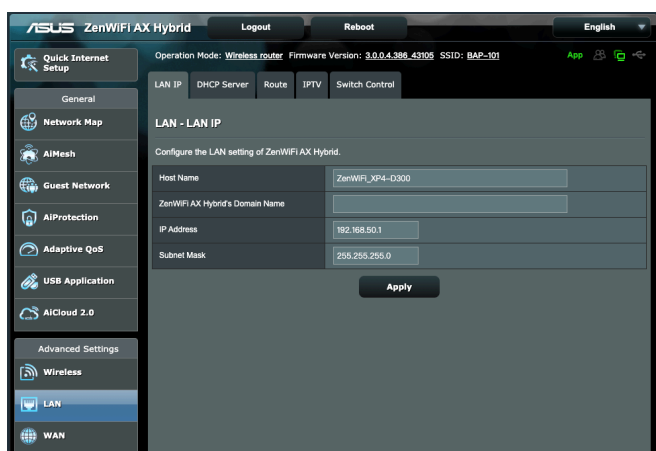
- **DTIM Interval:** DTIM (Delivery Traffic Indication Message) Interval or Data Beacon Rate is the time interval before a signal is sent to a wireless device in sleep mode indicating that a data packet is awaiting delivery. The default value is three milliseconds.
- **Beacon Interval:** Beacon Interval is the time between one DTIM and the next. The default value is 100 milliseconds. Lower the Beacon Interval value for an unstable wireless connection or for roaming devices.
- **Enable TX Bursting:** Enable TX Bursting improves transmission speed between the wireless router and 802.11g devices.
- **Enable WMM APSD:** Enable WMM APSD (Wi-Fi Multimedia Automatic Power Save Delivery) to improve power management between wireless devices. Select **Disable** to switch off WMM APSD.

4.2 LAN

4.2.1 LAN IP

The LAN IP screen allows you to modify the LAN IP settings of your wireless router.

NOTE: Any changes to the LAN IP address will be reflected on your DHCP settings.

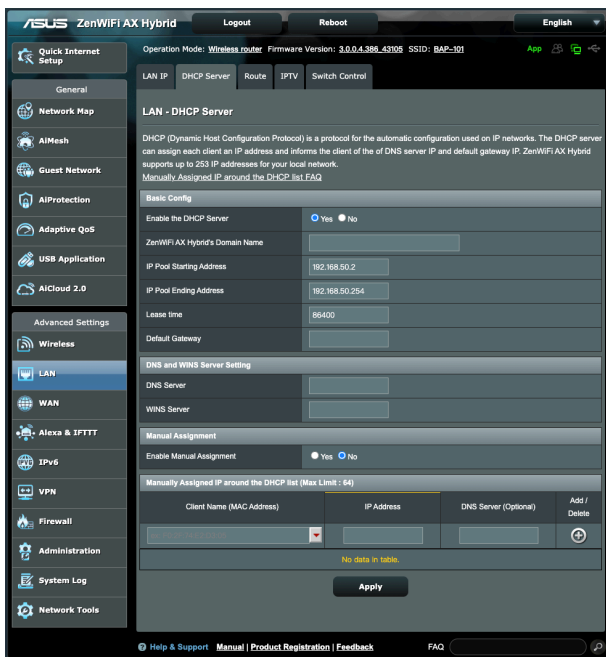


To modify the LAN IP settings:

1. From the navigation panel, go to **Advanced Settings > LAN > LAN IP** tab.
2. Modify the **IP address** and **Subnet Mask**.
3. When done, click **Apply**.

4.2.2 DHCP Server

Your wireless router uses DHCP to assign IP addresses automatically on your network. You can specify the IP address range and lease time for the clients on your network.



To configure the DHCP server:

1. From the navigation panel, go to **Advanced Settings > LAN > DHCP Server** tab.
2. In the **Enable the DHCP Server** field, tick **Yes**.
3. In the **ZenWiFi AX Hybrid's Domain Name** text box, enter a domain name for the wireless router.
4. In the **IP Pool Starting Address** field, key in the starting IP address.
5. In the **IP Pool Ending Address** field, key in the ending IP address.

6. In the **Lease time** field, specify in seconds when an assigned IP address will expire. Once it reaches this time limit, the DHCP server will then assign a new IP address.

NOTES:

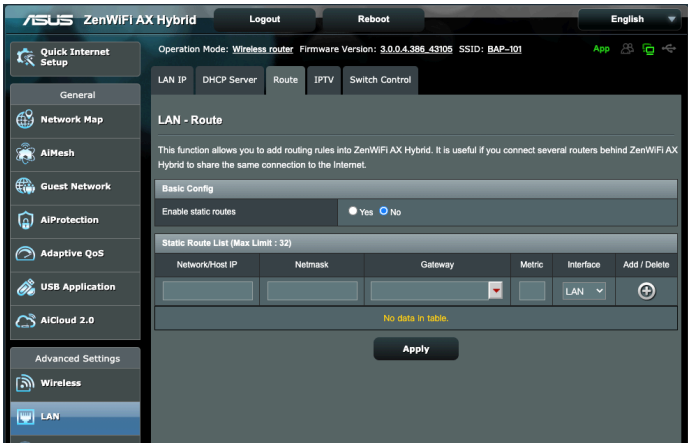
- We recommend that you use an IP address format of 192.168.1.xxx (where xxx can be any number between 2 and 254) when specifying an IP address range.
 - An IP Pool Starting Address should not be greater than the IP Pool Ending Address.
-

7. In the **DNS Server** and **WINS Server** field, key in your DNS Server and WINS Server IP address if needed.
8. Your wireless router can also manually assign IP addresses to devices on the network. On the **Enable Manual Assignment** field, choose **Yes** to assign an IP address to specific MAC addresses on the network. Up to 32 MAC Addresses can be added to the DHCP list for manual assignment.

4.2.3 Route

If your network makes use of more than one wireless router, you can configure a routing table to share the same Internet service.

NOTE: We recommend that you do not change the default route settings unless you have advanced knowledge of routing tables.

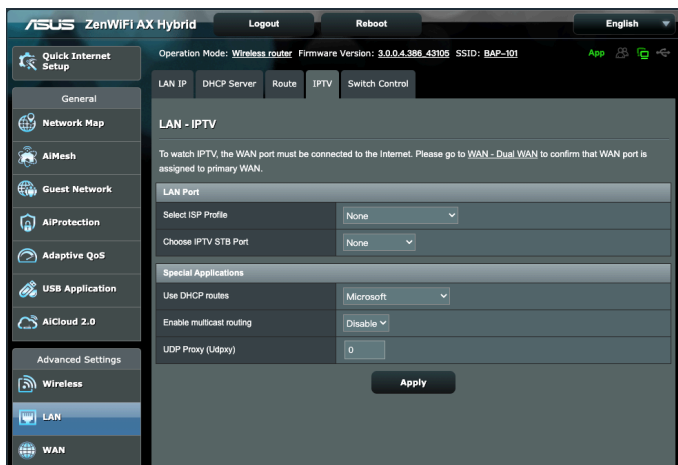


To configure the LAN Routing table:

1. From the navigation panel, go to **Advanced Settings > LAN > Route** tab.
2. On the **Enable static routes** field, choose **Yes**.
3. On the **Static Route List**, enter the network information of other access points or nodes. Click the **Add**  or **Delete**  button to add or remove a device on the list.
4. Click **Apply**.

4.2.4 IPTV

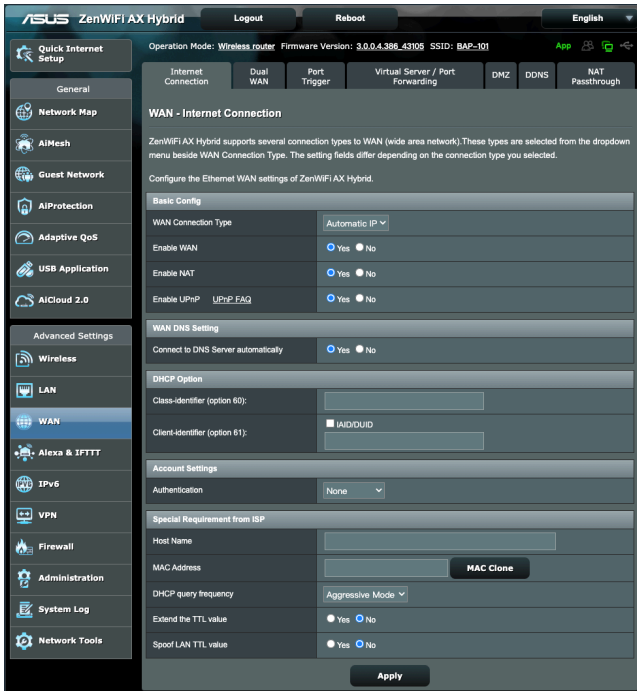
The wireless router supports connection to IPTV services through an ISP or a LAN. The IPTV tab provides the configuration settings needed to set up IPTV, VoIP, multicasting, and UDP for your service. Contact your ISP for specific information regarding your service.



4.3 WAN

4.3.1 Internet Connection

The Internet Connection screen allows you to configure the settings of various WAN connection types.



To configure the WAN connection settings:

1. From the navigation panel, go to **Advanced Settings > WAN > Internet Connection** tab.
2. Configure the following settings below. When done, click **Apply**.
 - **WAN Connection Type:** Choose your Internet Service Provider type. The choices are **Automatic IP**, **PPPoE**, **PPTP**, **L2TP** or **fixed IP**. Consult your ISP if the router is unable to obtain a valid IP address or if you are unsure the WAN connection type.

- **Enable WAN:** Select **Yes** to allow the router Internet access. Select **No** to disable Internet access.
- **Enable NAT:** NAT (Network Address Translation) is a system where one public IP (WAN IP) is used to provide Internet access to network clients with a private IP address in a LAN. The private IP address of each network client is saved in a NAT table and is used to route incoming data packets.
- **Enable UPnP:** UPnP (Universal Plug and Play) allows several devices (such as routers, televisions, stereo systems, game consoles, and cellular phone), to be controlled via an IP-based network with or without a central control through a gateway. UPnP connects PCs of all form factors, providing a seamless network for remote configuration and data transfer. Using UPnP, a new network device is discovered automatically. Once connected to the network, devices can be remotely configured to support P2P applications, interactive gaming, video conferencing, and web or proxy servers. Unlike Port forwarding, which involves manually configuring port settings, UPnP automatically configures the router to accept incoming connections and direct requests to a specific PC on the local network.
- **Connect to DNS Server automatically:** Allows this router to get the DNS IP address from the ISP automatically. A DNS is a host on the Internet that translates Internet names to numeric IP addresses.
- **Authentication:** This item may be specified by some ISPs. Check with your ISP and fill them in if required.
- **Host Name:** This field allows you to provide a host name for your router. It is usually a special requirement from your ISP. If your ISP assigned a host name to your computer, enter the host name here.
- **MAC Address:** MAC (Media Access Control) address is a unique identifier for your networking device. Some ISPs

monitor the MAC address of networking devices that connect to their service and reject any unrecognized device that attempt to connect. To avoid connection issues due to an unregistered MAC address, you can:

- Contact your ISP and update the MAC address associated with your ISP service.
- Clone or change the MAC address of the ASUS wireless router to match the MAC address of the previous networking device recognized by the ISP.

4.3.2 Dual WAN

Your ASUS wireless router provides dual WAN support. You can set the dual WAN feature to any of these two modes:

- **Fail Over:** Select this mode to use the secondary WAN as the backup network access.
- **Load Balance:** Select this mode to allow concurrent use of dual WAN connections for improved bandwidth and reliability.
- **Allow fallback:** Tick the checkbox to allow Internet connection switch back to primary WAN automatically when primary WAN becomes available.

Internet Connection	Dual WAN	Port Trigger	Virtual Server / Port Forwarding	DMZ	DDNS	NAT Passthrough
WAN - Dual WAN						
ZenWiFi AX Hybrid provides Dual WAN support. Select Failover mode to use a secondary WAN for backup network access. Select Load Balance mode to optimize bandwidth, maximize throughput, minimize response time, and prevent data overload for both WAN connections. Dual WAN FAQ						
Basic Config						
Enable Dual WAN	☒ ON					
Primary WAN	WAN					
Secondary WAN	USB					
Dual WAN Mode	Fail Over ☐ Allow fallback					
Auto Network Detection						
Detailed explanations are available on the ASUS Support Site FAQ , which may help you use this function effectively.						
Detect Interval	Every 5 seconds					
Failover Trigger Condition	When the current WAN fails 12 continuous times, failover to Secondary WAN					
Network Monitoring	☐ DNS Query ☐ Ping					
Apply						

- **Detect Interval:** Set the time interval (in seconds) between two ping packets.
- **Failover Trigger Condition:** Set the continuous times when the system triggers the failover or fallback action after reaching the ping test counter and getting no response from the target IP address.
- **Network Monitoring**
 - 1) **DNS Query:** Select this option if you want to periodically resolve target FQDN (Fully Qualified Domain Name).

Network Monitoring	☒ DNS Query ☐ Ping
Resolve Hostname	dns.msftncs1.com
Resolved IP Addresses	131.107.255.255 112.4.20.71 fd3e:4f5a:5b81::1

- 2) **Ping:** Select this option if you want to periodically ping test packet domain or IP address.

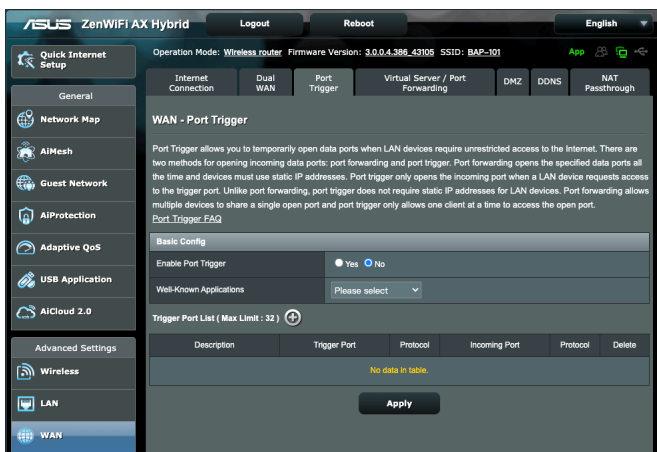
Network Monitoring	☐ DNS Query ☒ Ping
Ping Target	www.facebook.com

If internet connection issue occurs due to DHCP lease problem such as IP address being expired, you can enable DNS Query or Ping to alleviate the problem.

4.3.3 Port Trigger

Port range triggering opens a predetermined incoming port for a limited period of time whenever a client on the local area network makes an outgoing connection to a specified port. Port triggering is used in the following scenarios:

- More than one local client needs port forwarding for the same application at a different time.
- An application requires specific incoming ports that are different from the outgoing ports.



To set up Port Trigger:

1. From the navigation panel, go to **Advanced Settings > WAN > Port Trigger** tab.
2. Configure the following settings below. When done, click **Apply**.
 - **Enable Port Trigger:** Choose **Yes** to enable Port Trigger.
 - **Well-Known Applications:** Select popular games and web services to add to the Port Trigger List.
 - **Description:** Enter a short name or description for the service.

- **Trigger Port:** Specify a trigger port to open the incoming port.
- **Protocol:** Select the protocol, TCP, or UDP.
- **Incoming Port:** Specify an incoming port to receive inbound data from the Internet.

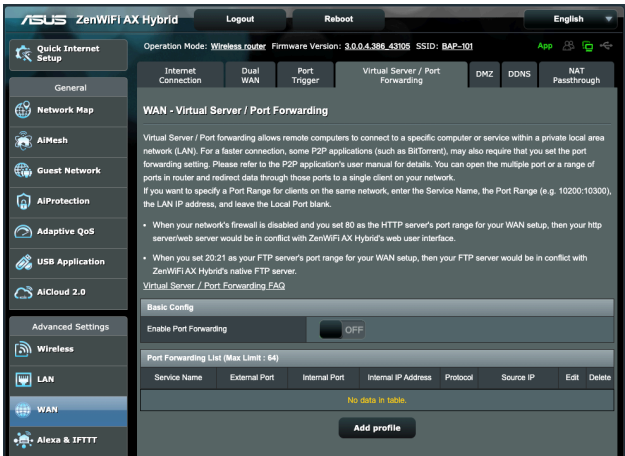
NOTES:

- When connecting to an IRC server, a client PC makes an outgoing connection using the trigger port range 66660-7000. The IRC server responds by verifying the username and creating a new connection to the client PC using an incoming port.
 - If Port Trigger is disabled, the router drops the connection because it is unable to determine which PC is requesting for IRC access. When Port Trigger is enabled, the router assigns an incoming port to receive the inbound data. This incoming port closes once a specific time period has elapsed because the router is unsure when the application has been terminated.
 - Port triggering only allows one client in the network to use a particular service and a specific incoming port at the same time.
 - You cannot use the same application to trigger a port in more than one PC at the same time. The router will only forward the port back to the last computer to send the router a request/trigger.
-

4.3.4 Virtual Server / Port Forwarding

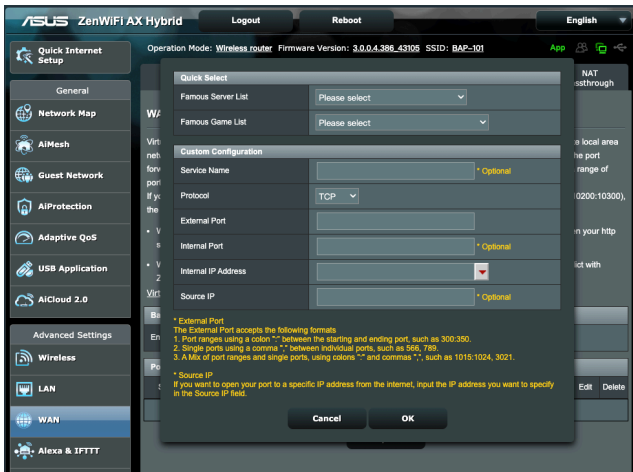
Port forwarding is a method to direct network traffic from the Internet to a specific port or a specific range of ports to a device or number of devices on your local network. Setting up Port Forwarding on your router allows PCs outside the network to access specific services provided by a PC in your network.

NOTE: When port forwarding is enabled, the ASUS router blocks unsolicited inbound traffic from the Internet and only allows replies from outbound requests from the LAN. The network client does not have access to the Internet directly, and vice versa.



To set up Port Forwarding:

1. From the navigation panel, go to **Advanced Settings > WAN > Virtual Server / Port Forwarding** tab.
2. Slide the bar to **ON** to enable Port Forwarding, then click **Add Profile**. After configuring the following settings, click **OK**.



- **Famous Server List:** Determine which type of service you want to access.
- **Famous Game List:** This item lists ports required for popular online games to work correctly.
- **Service Name:** Enter a service name.
- **Protocol:** Select the protocol. If you are unsure, select **BOTH**.
- **External Port:** Accept the following formats:
 - 1) A port range using a colon ":" in the middle to specify the upper and lower limits of the range, such as 300:350;
 - 2) Individual port numbers using a comma "," to separate them, such as 566, 789;
 - 3) A Mix of port ranges and individual ports, using colons ":" and commas ",", such as 1015:1024, 3021.
- **Internal Port:** Enter a specific port to receive forwarded packets. Leave this field blank if you want the incoming packets to be redirected to the specified port range.

- **Internal IP Address:** Key in the client's LAN IP address.
- **Source IP:** If you want to open your port to a specific IP address from the Internet, input the IP address you want to give access to in this field.

NOTE: Use a static IP address for the local client to make port forwarding work properly. Refer to section **4.2 LAN** for information.

To check if Port Forwarding has been configured successfully:

- Ensure that your server or application is set up and running.
- You will need a client outside your LAN but has Internet access (referred to as "Internet client"). This client should not be connected to the ASUS router.
- On the Internet client, use the router's WAN IP to access the server. If port forwarding has been successful, you should be able to access the files or applications.

Differences between port trigger and port forwarding:

- Port triggering will work even without setting up a specific LAN IP address. Unlike port forwarding, which requires a static LAN IP address, port triggering allows dynamic port forwarding using the router. Predetermined port ranges are configured to accept incoming connections for a limited period of time. Port triggering allows multiple computers to run applications that would normally require manually forwarding the same ports to each PC on the network.
- Port triggering is more secure than port forwarding since the incoming ports are not open all the time. They are opened only when an application is making an outgoing connection through the trigger port.

4.3.5 DMZ

Virtual DMZ exposes one client to the Internet, allowing this client to receive all inbound packets directed to your Local Area Network.

Inbound traffic from the Internet is usually discarded and routed to a specific client only if port forwarding or a port trigger has been configured on the network. In a DMZ configuration, one network client receives all inbound packets.

Setting up DMZ on a network is useful when you need incoming ports open or you want to host a domain, web, or e-mail server.

CAUTION: Opening all the ports on a client to the Internet makes the network vulnerable to outside attacks. Please be aware of the security risks involved in using DMZ.

To set up DMZ:

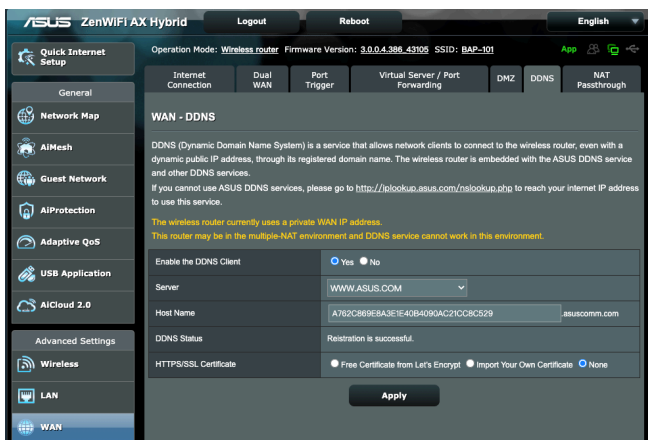
1. From the navigation panel, go to **Advanced Settings > WAN > DMZ** tab.
2. Configure the setting below. When done, click **Apply**.
 - **IP address of Exposed Station:** Key in the client's LAN IP address that will provide the DMZ service and be exposed on the Internet. Ensure that the server client has a static IP address.

To remove DMZ:

1. Delete the client's LAN IP address from the **IP Address of Exposed Station** text box.
2. When done, click **Apply**.

4.3.6 DDNS

Setting up DDNS (Dynamic DNS) allows you to access the router from outside your network through the provided ASUS DDNS Service or another DDNS service.



To set up DDNS:

1. From the navigation panel, go to **Advanced Settings > WAN > DDNS** tab.
2. Configure the following settings below. When done, click **Apply**.
 - **Enable the DDNS Client:** Enable DDNS to access the ASUS router via the DNS name rather than WAN IP address.
 - **Server and Host Name:** Choose ASUS DDNS or other DDNS. If you want to use ASUS DDNS, fill in the Host Name in the format of xxx.asuscomm.com (xxx is your host name).
 - If you want to use a different DDNS service, click FREE TRIAL and register online first. Fill in the User Name or E-mail Address and Password or DDNS Key fields.
 - **Enable wildcard:** Enable wildcard if your DDNS service requires one.

NOTES:

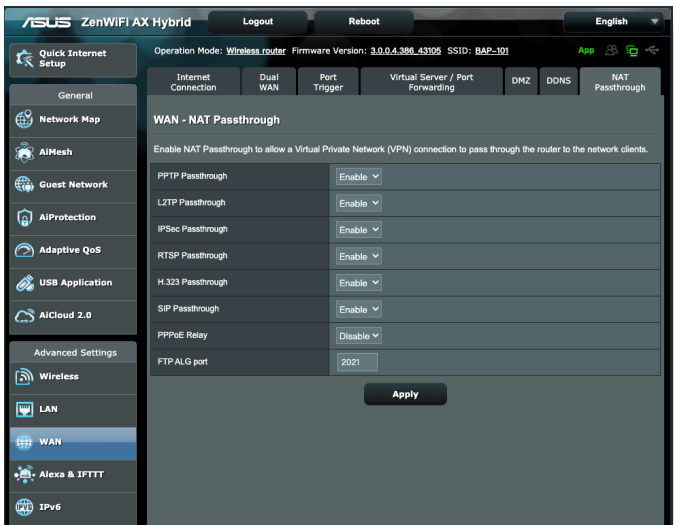
DDNS service will not work under these conditions:

- When the wireless router is using a private WAN IP address (192.168.x.x, 10.x.x.x, or 172.16.x.x), as indicated by a yellow text.
- The router may be on a network that uses multiple NAT tables.

4.3.7 NAT Passthrough

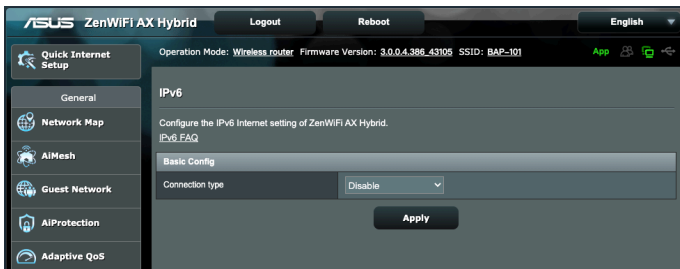
NAT Passthrough allows a Virtual Private Network (VPN) connection to pass through the router to the network clients. PPTP Passthrough, L2TP Passthrough, IPsec Passthrough and RTSP Passthrough are enabled by default.

To enable / disable the NAT Passthrough settings, go to the **Advanced Settings > WAN > NAT Passthrough** tab. When done, click **Apply**.



4.4 IPv6

This wireless router supports IPv6 addressing, a system that supports more IP addresses. This standard is not yet widely available. Contact your ISP if your Internet service supports IPv6.



To set up IPv6:

1. From the navigation panel, go to **Advanced Settings > IPv6**.
2. Select your **Connection type**. The configuration options vary depending on your selected connection type.
3. Enter your IPv6 LAN and DNS settings.
4. Click **Apply**.

NOTE: Please refer to your ISP regarding specific IPv6 information for your Internet service.

4.5 Firewall

The wireless router can serve as a hardware firewall for your network.

NOTE: The Firewall feature is enabled by default.

4.5.1 General

To set up basic Firewall settings:

1. From the navigation panel, go to **Advanced Settings > Firewall > General** tab.
2. On the **Enable Firewall** field, select **Yes**.
3. On the **Enable DoS** protection, select **Yes** to protect your network from DoS (Denial of Service) attacks though this may affect your router's performance.
4. You can also monitor packets exchanged between the LAN and WAN connection. On the Logged packets type, select **Dropped, Accepted, or Both**.
5. Click **Apply**.

4.5.2 URL Filter

You can specify keywords or web addresses to prevent access to specific URLs.

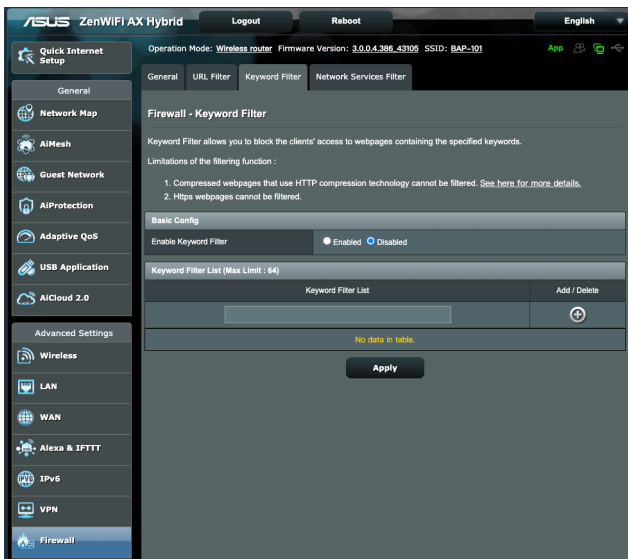
NOTE: The URL Filter is based on a DNS query. If a network client has already accessed a website such as <http://www.abcxxx.com>, then the website will not be blocked (a DNS cache in the system stores previously visited websites). To resolve this issue, clear the DNS cache before setting up the URL Filter.

To set up a URL filter:

1. From the navigation panel, go to **Advanced Settings > Firewall > URL Filter** tab.
2. On the Enable URL Filter field, select **Enabled**.
3. Enter a URL and click the  button.
4. Click **Apply**.

4.5.3 Keyword filter

Keyword filter blocks access to webpages containing specified keywords.



To set up a keyword filter:

1. From the navigation panel, go to **Advanced Settings > Firewall > Keyword Filter** tab.
2. On the Enable Keyword Filter field, select **Enabled**.

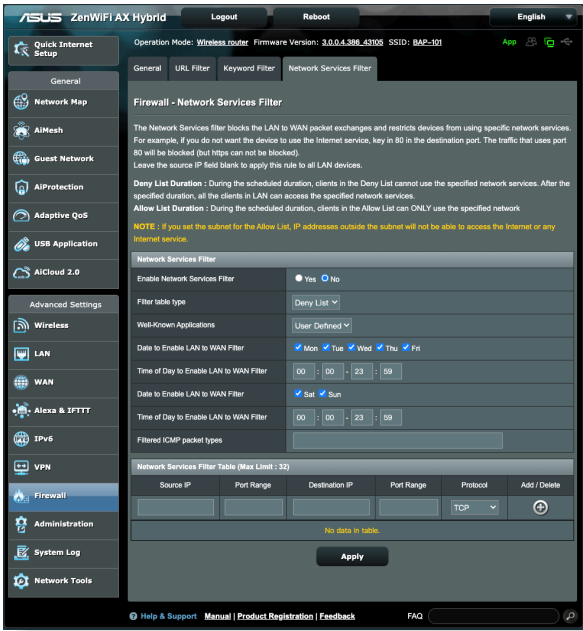
- 3. Enter a word or phrase and click the **Add** button.
- 4. Click **Apply**.

NOTES:

- The Keyword Filter is based on a DNS query. If a network client has already accessed a website such as <http://www.abcxxx.com>, then the website will not be blocked (a DNS cache in the system stores previously visited websites). To resolve this issue, clear the DNS cache before setting up the Keyword Filter.
- Web pages compressed using HTTP compression cannot be filtered. HTTPS pages also cannot be blocked using a keyword filter.

4.5.4 Network Services Filter

The Network Services Filter blocks LAN to WAN packet exchanges and restricts network clients from accessing specific web services such as Telnet or FTP.



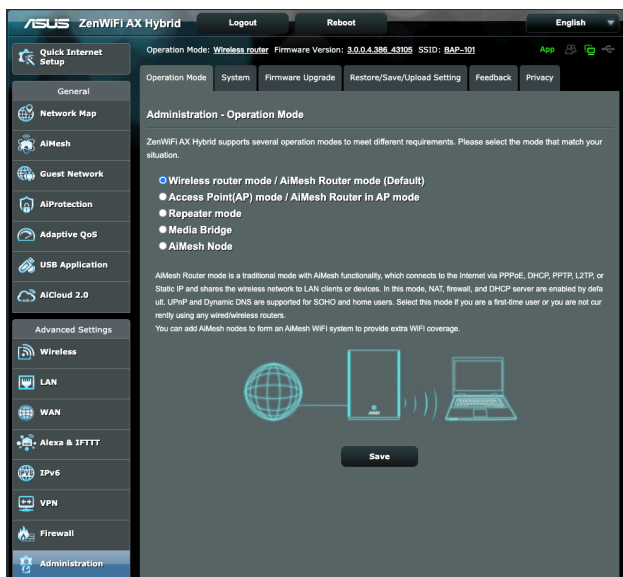
To set up a Network Service filter:

1. From the navigation panel, go to **Advanced Settings > Firewall > Network Services Filter** tab.
2. On the **Enable Network Services Filter** field, select **Yes**.
3. Select the Filter table type. **Deny List** blocks the specified network services. **Allow List** limits access to only the specified network services.
4. Specify the day and time when the filters will be active.
5. To specify a Network Service to filter, enter the Source IP, Destination IP, Port Range, and Protocol. Click the  button.
6. Click **Apply**.

4.6 Administration

4.6.1 Operation Mode

The Operation Mode page allows you to select the appropriate mode for your network.



To set up the operating mode:

1. From the navigation panel, go to **Advanced Settings > Administration > Operation Mode** tab.
2. Select any of these operation modes:
 - **Wireless router mode / AiMesh Router mode (Default):** In wireless router mode, the wireless router connects to the Internet and provides Internet access to available devices on its own local network.
 - **Repeater mode:** This mode turns the router into a wireless repeater to extend the range of your signal.
 - **Access Point mode:** In this mode, the router creates a new wireless network on an existing network.
3. Click **Save**.

NOTE: The router will reboot when you change the modes.

4.6.2 System

The **System** page allows you to configure your wireless router settings.

To set up the System settings:

1. From the navigation panel, go to **Advanced Settings > Administration > System** tab.
2. You can configure the following settings:
 - **Change router login password:** You can change the password and login name for the wireless router by entering a new name and password.
 - **USB setting:** You can Enable HDD Hibernation and change USB mode.
 - **WPS button behavior:** The physical WPS button on the wireless router can be used to activate WPS.
 - **Time Zone:** Select the time zone for your network.
 - **NTP Server:** The wireless router can access a NTP (Network time Protocol) server in order to synchronize the time.
 - **Network Monitoring:** You can enable DNS Query to check Resolve Hostname and Resolved IP Addresses, or enable Ping, then check your Ping Target.
 - **Auto Logout:** You can set the time of auto-logout.
 - **Enable WAN down browser redirect notice:** This feature allows the browser to display a warning page when the router is disconnected from Internet. When disabled, the warning page will not appear.
 - **Enable Telnet:** Click **Yes** to enable Telnet services on the network. Click **No** to disable Telnet.
 - **Authentication Method:** You can select HTTP, HTTPS, or both protocols to secure router access.
 - **Enable Reboot Scheduler:** When enabled, you can set the Date to Reboot and Time of Day to Reboot.
 - **Enable Web Access from WAN:** Select **Yes** to allow devices outside the network to access the wireless router GUI settings. Select **No** to prevent access.

- **Enable Access Restrictions:** Click **Yes** if you want to specify the IP addresses of devices that are allowed to access to the wireless router GUI settings from WAN/LAN.
- **Service:** This feature allows you to configure Enable Telnet/Enable SSH/SSH Port/Allow Password Login/Authorized Keys/Idle Timeout.

3. Click **Apply**.

4.6.3 Firmware Upgrade

NOTE: Download the latest firmware from the ASUS website at <http://www.asus.com>.

To upgrade the firmware:

1. From the navigation panel, go to **Advanced Settings > Administration > Firmware Upgrade** tab.
2. In the **New Firmware File** field, click **Browse** to locate the downloaded file.
3. Click **Upload**.

NOTES:

- When the upgrade process is complete, wait for some time for the system to reboot.
 - If the upgrade process fails, the wireless router automatically enters rescue mode and the power LED indicator on the front panel starts flashing slowly. To recover or restore the system, refer to section **5.2 Firmware Restoration**.
-

4.6.4 Restore/Save/Upload Setting

To restore/save/upload wireless router settings:

1. From the navigation panel, go to **Advanced Settings > Administration > Restore/Save/Upload Setting** tab.
2. Select the tasks that you want to do:
 - To restore to the default factory settings, click **Restore**, and click **OK** in the confirmation message.
 - To save the current system settings, click **Save**, navigate to the folder where you intend to save the file and click **Save**.
 - To restore from a saved system settings file, click **Browse** to locate your file, then click **Upload**.

IMPORTANT! If issues occur, upload the latest firmware version and configure new settings. Do not restore the router to its default settings.

4.7 System Log

System Log contains your recorded network activities.

NOTE: System log resets when the router is rebooted or powered off.

To view your system log:

1. From the navigation panel, go to **Advanced Settings > System Log**.
2. You can view your network activities in any of these tabs:
 - General Log
 - Wireless Log
 - DHCP leases
 - IPv6
 - Routing Table
 - Port Forwarding
 - Connections

The screenshot shows the ASUS ZenWiFi AX Hybrid web interface. The top navigation bar includes 'Logout', 'Reboot', and 'English'. The left sidebar has a 'Quick Internet Setup' button and a menu with 'General', 'Network Map', 'AiMesh', 'Guest Network', 'AiProtection', 'Adaptive QoS', 'USB Application', 'AiCloud 2.0', 'Advanced Settings', 'Wireless', 'LAN', 'WAN', 'Alexa & IFTTT', 'IPv6', 'VPN', 'Firewall', 'Administration', and 'System Log' (which is highlighted). The main content area is titled 'System Log - General Log' and contains the following information:

- Operation Mode:** Wireless router
- Firmware Version:** 3.0.0.4.386_43705
- SSID:** BAP-101
- General Log** (selected tab)
- System Time:** Tue, May 18 18:38:30 2021
- Uptime:** 0 days 0 hour(s) 38 minute(s) 1 seconds
- Remote Log Server:** 514
- Remote Log Server Port:** 514
- Apply** button
- Log Entries:** A list of system events, including kernel messages, DHCP leases, and service status changes.
- Clear** and **Save** buttons at the bottom.

5 Utilities

NOTE: Download and install the wireless router's utilities from the ASUS website: <https://www.asus.com/support/Download-Center/>

5.1 Device Discovery

Device Discovery is an ASUS WLAN utility that detects an ASUS wireless router device, and allows you to configure the wireless networking settings.

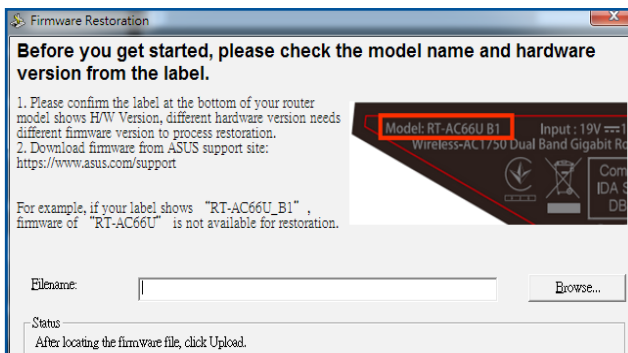
To launch the Device Discovery utility:

- From your computer's desktop, click **Start > All Programs > ASUS Utility > Wireless Router > Device Discovery**.

NOTE: When you set the router to Access Point mode, you need to use Device Discovery to get the router's IP address.

5.2 Firmware Restoration

Firmware Restoration is used on an ASUS Wireless Router that failed during its firmware upgrading process. It uploads the firmware that you specify. The process takes about three to four minutes.



IMPORTANT! Launch the rescue mode on the router before using the Firmware Restoration utility.

To launch the rescue mode and use the Firmware Restoration utility:

1. Unplug the wireless router from the power source.
2. Hold the Reset button at the rear panel and simultaneously replug the wireless router into the power source. Release the Reset button when the Power LED at the front panel flashes slowly, which indicates that the wireless router is in the rescue mode.
3. Set a static IP on your computer and use the following to set up your TCP/IP settings:
IP address: 192.168.1.x
Subnet mask: 255.255.255.0
4. From your computer's desktop, click **Start > All Programs > ASUS Utility > Wireless Router > Firmware Restoration.**
5. Specify a firmware file, then click **Upload.**

NOTE: This is not a firmware upgrade utility and cannot be used on a working ASUS Wireless Router. Normal firmware upgrades must be done through the web interface. Refer to **Chapter 4: Configuring the Advanced Settings** for more details.

6 Troubleshooting

This chapter provides solutions for issues you may encounter with your router. If you encounter problems that are not mentioned in this chapter, visit the ASUS support site at:

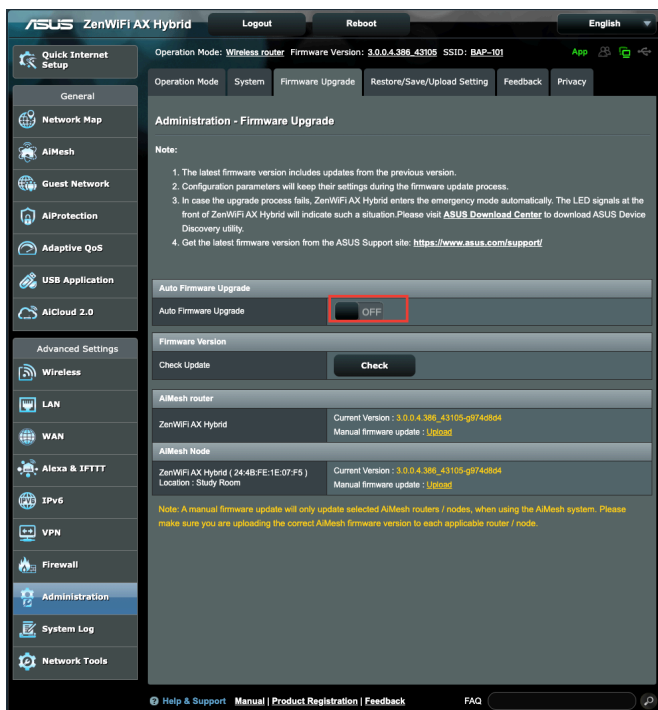
<https://www.asus.com/support/> for more product information and contact details of ASUS Technical Support.

6.1 Basic Troubleshooting

If you are having problems with your router, try these basic steps in this section before looking for further solutions.

Upgrade Firmware to the latest version.

1. Launch the Web GUI. Go to **Advanced Settings** > **Administration** > **Firmware Upgrade** tab.
2. Slide **Auto Firmware Upgrade** to **ON** to enable automatic firmware upgrade.



3. If you want to upgrade the firmware manually, you can disable **Auto Firmware Upgrade**, click **Check** to verify if the latest firmware is available.
4. If the latest firmware is available, visit the ASUS global website at <https://www.asus.com/support> to download the latest firmware.
5. Click **Upload** to upgrade the firmware for AiMesh router or AiMesh Node.

Restart your network in the following sequence:

1. Turn off the modem.
2. Unplug the modem.
3. Turn off the router and computers.
4. Plug in the modem.
5. Turn on the modem and then wait for 2 minutes.
6. Turn on the router and then wait for 2 minutes.
7. Turn on computers.

Check if your Ethernet cables are plugged properly.

- When the Ethernet cable connecting the router with the modem is plugged in properly, the WAN LED will be on.
- When the Ethernet cable connecting your powered-on computer with the router is plugged in properly, the corresponding LAN LED will be on.

Check if the wireless setting on your computer matches that of your router.

- When you connect your computer to the router wirelessly, ensure that the SSID (wireless network name), encryption method, and password are correct.

Check if your network settings are correct.

- Each client on the network should have a valid IP address. ASUS recommends that you use the wireless router's DHCP server to assign IP addresses to computers on your network.

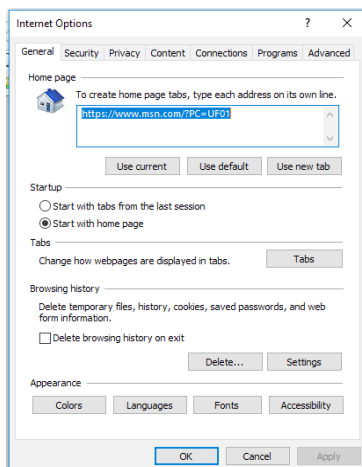
- Some cable modem service providers require you to use the MAC address of the computer initially registered on the account. You can view the MAC address in the web GUI, **Network Map > Clients** page, and hover the mouse pointer over your device in **Client Status**.



6.2 Frequently Asked Questions (FAQs)

I cannot access the router GUI using a web browser

- If your computer is wired, check the Ethernet cable connection and LED status as described in the previous section.
- Ensure that you are using the correct login information. The default factory login name and password is “admin/admin”. Ensure that the Caps Lock key is disabled when you enter the login information.
- Delete the cookies and files in your web browser. For Internet Explorer, follow these steps:
 1. Launch Internet Explorer, then click **Tools > Internet Options**.
 2. In the **General** tab, under **Browsing history**, click **Delete...**, select **Temporary Internet files and website files** and **Cookies and website data** then click **Delete**.



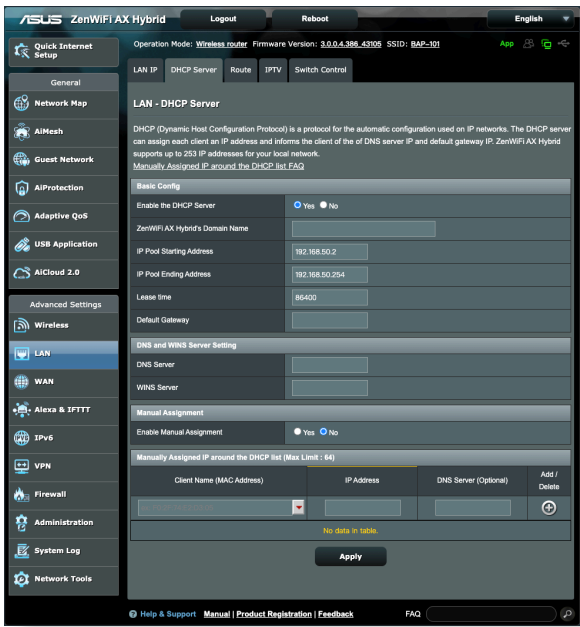
NOTES:

- The commands for deleting cookies and files vary with web browsers.
- Disable proxy server settings, cancel the dial-up connection, and set the TCP/IP settings to obtain IP addresses automatically. For more details, refer to Chapter 1 of this user manual.
- Ensure that you use CAT5e or CAT6 ethernet cables.

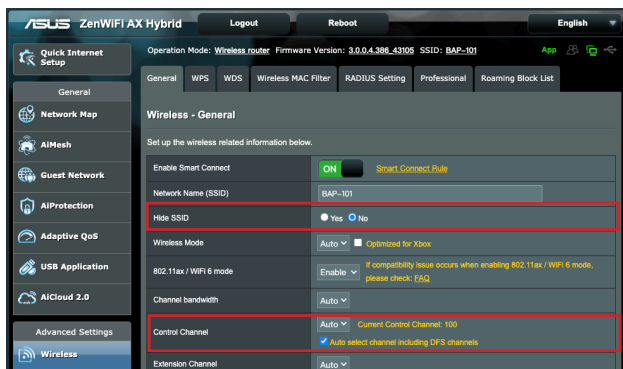
The client cannot establish a wireless connection with the router.

NOTE: If you are having issues connecting to 5GHz network, make sure that your wireless device supports 5GHz or features dual band capabilities.

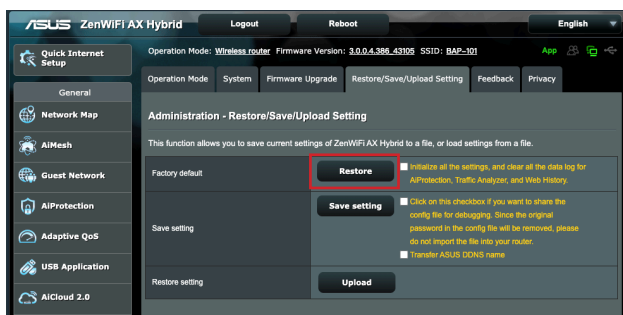
- **Out of Range:**
 - Move the router closer to the wireless client.
 - Try to adjust antennas of the router to the best direction as described in section **1.4 Positioning your router.**
- **DHCP server has been disabled:**
 1. Launch the web GUI. Go to **General > Network Map> Clients** and search for the device that you want to connect to the router.
 2. If you cannot find the device in the **Network Map**, go to **Advanced Settings > LAN > DHCP Server, Basic Config** list, select **Yes** on the **Enable the DHCP Server.**



- SSID has been hidden. If your device can find SSIDs from other routers but cannot find your router's SSID, go to **Advanced Settings > Wireless > General**, select **No** on **Hide SSID**, and select **Auto** on **Control Channel**.

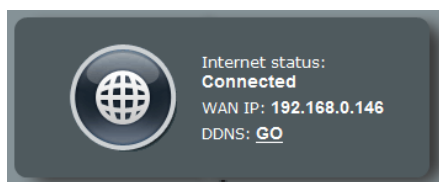


- If you are using a wireless LAN adapter, check if the wireless channel in use conforms to the channels available in your country/area. If not, adjust the channel, channel bandwidth, and wireless mode.
- If you still cannot connect to the router wirelessly, you can reset your router to factory default settings. In the router GUI, click **Administration > Restore/Save/Upload Setting** and click **Restore**.



Internet is not accessible.

- Check if your router can connect to your ISP's WAN IP address. To do this, launch the web GUI and go to **General > Network Map**, and check the **Internet Status**.
- If your router cannot connect to your ISP's WAN IP address, try restarting your network as described in the section **Restart your network in following sequence** under **Basic Troubleshooting**.



- The device has been blocked via the Parental Control function. Go to **General > AiProtection > Parental Controls** and see if the device is in the list. If the device is listed under **Client Name**, remove the device using the **Delete** button or adjust the Time Management Settings.



- If there is still no Internet access, try to reboot your computer and verify the network's IP address and gateway address.
- Check the status indicators on the ADSL modem and the wireless router. If the WAN LED on the wireless router is not ON, check if all cables are plugged properly.

You forgot the SSID (network name) or network password

- Setup a new SSID and encryption key via a wired connection (Ethernet cable). Launch the web GUI, go to **Network Map**, click the router icon, enter a new SSID and encryption key, and then click **Apply**.
- Reset your router to the default settings. Launch the web GUI, go to **Administration > Restore/Save/Upload Setting**, and click **Restore**. The default login account and password are both "admin".

How to restore the system to its default settings?

- Go to **Administration > Restore/Save/Upload Setting**, and click **Restore**.

The following are the factory default settings:

Enable DHCP:	Yes (if WAN cable is plugged in)
IP address:	192.168.50.1
Domain Name:	(Blank)
Subnet Mask:	255.255.255.0
DNS Server 1:	router.asus.com
DNS Server 2:	(Blank)
SSID:	ASUS_XX

Firmware upgrade failed.

Launch the rescue mode and run the Firmware Restoration utility. Refer to section **5.2 Firmware Restoration** on how to use the Firmware Restoration utility.

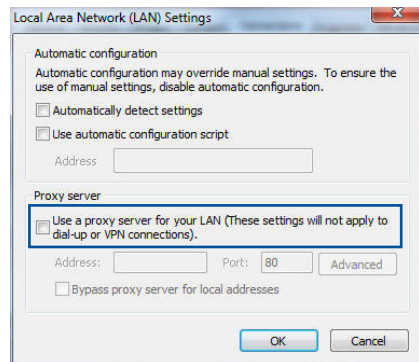
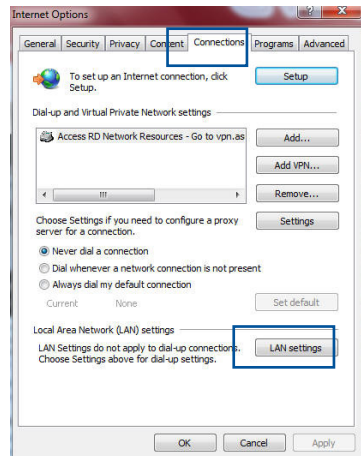
Cannot access Web GUI

Before configuring your wireless router, do the steps described in this section for your host computer and network clients.

A. Disable the proxy server, if enabled.

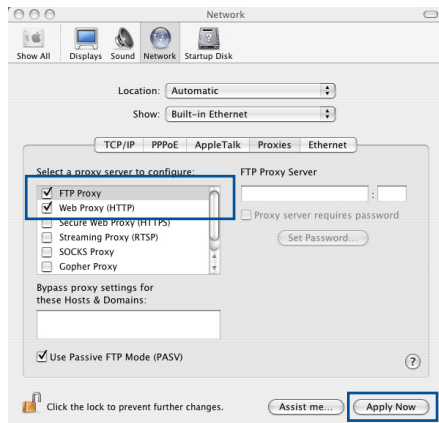
Windows®

1. Click **Start > Internet Explorer** to launch the browser.
2. Click **Tools > Internet options > Connections tab > LAN settings**.
3. From the Local Area Network (LAN) Settings screen, untick **Use a proxy server for your LAN**.
4. Click **OK** when done.



MAC OS

1. From your Safari browser, click **Safari > Preferences > Advanced > Change Settings...**
2. From the Network screen, deselect **FTP Proxy** and **Web Proxy (HTTP)**.
3. Click **Apply Now** when done.

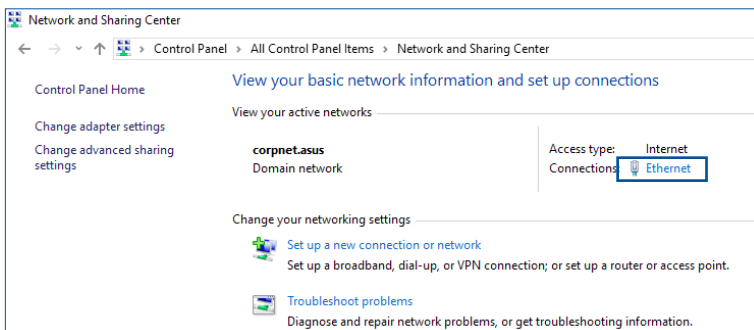


NOTE: Refer to your browser's help feature for details on disabling the proxy server.

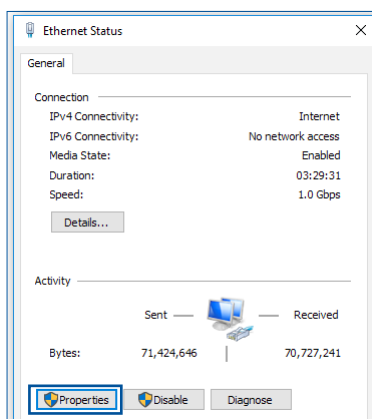
B. Set the TCP/IP settings to automatically obtain an IP address.

Windows®

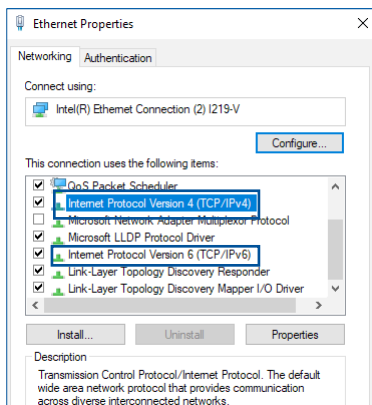
1. Click **Start > Control Panel > Network and Sharing Center**, then click the network connection to display its status window.



- Click **Properties** to display the Ethernet Properties window.



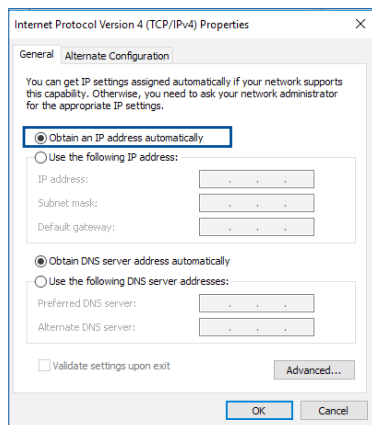
- Select **Internet Protocol Version 4 (TCP/IPv4)** or **Internet Protocol Version 6 (TCP/IPv6)**, then click **Properties**.



- To obtain the IPv4 IP settings automatically, tick **Obtain an IP address automatically**.

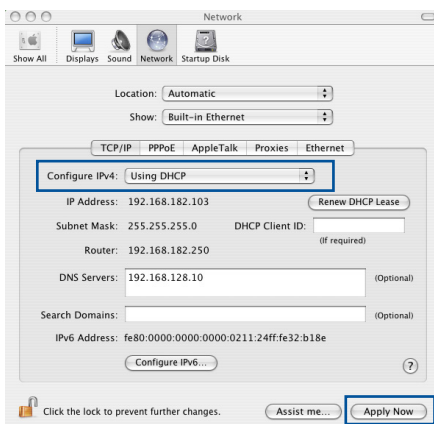
To obtain the IPv6 IP settings automatically, tick **Obtain an IPv6 address automatically**.

- Click **OK** when done.



MAC OS

1. Click the Apple icon  located on the top left of your screen.
2. Click **System Preferences > Network > Configure...**
3. From the **TCP/IP** tab, select **Using DHCP** in the **Configure IPv4** dropdown list.
4. Click **Apply Now** when done.

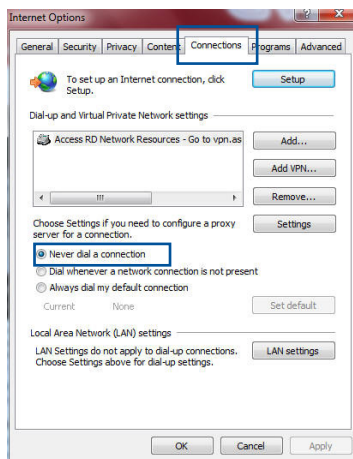


NOTE: Refer to your operating system's help and support feature for details on configuring your computer's TCP/IP settings.

C. Disable the dial-up connection, if enabled.

Windows®

1. Click **Start > Internet Explorer** to launch the browser.
2. Click **Tools > Internet options > Connections** tab.
3. Tick **Never dial a connection**.
4. Click **OK** when done.



NOTE: Refer to your browser's help feature for details on disabling the dial-up connection.

Appendices

Notices

This device is an Energy Related Product (ErP) with High Network Availability (HiNA), the power consumption will be less than 12 watts when the system is in network standby mode (idle mode).

ASUS Recycling/Takeback Services

ASUS recycling and takeback programs come from our commitment to the highest standards for protecting our environment. We believe in providing solutions for you to be able to responsibly recycle our products, batteries, other components, as well as the packaging materials. Please go to <http://csr.asus.com/english/Takeback.htm> for the detailed recycling information in different regions.

REACH

Complying with the REACH (Registration, Evaluation, Authorisation, and Restriction of Chemicals) regulatory framework, we published the chemical substances in our products at ASUS REACH website at <http://csr.asus.com/english/index.aspx>

Federal Communications Commission Statement

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- This device may not cause harmful interference.
- This device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a class B digital device, pursuant to part 15 of the FCC

Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

IMPORTANT! This device within the 5.15 ~ 5.25 GHz is restricted to indoor operations to reduce any potential for harmful interference to co-channel MSS operations.

CAUTION: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Prohibition of Co-location

This device and its antenna(s) must not be co-located or operating in conjunction with any other antenna or transmitter.

IMPORTANT NOTE:

Radiation Exposure Statement: This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. End users must follow the specific operating

instructions for satisfying RF exposure compliance. To maintain compliance with FCC exposure compliance requirement, please follow operation instruction as documented in this manual. This equipment should be installed and operated with a minimum distance of 15 cm between the radiator and any part of your body.

NCC 警語

取得審驗證明之低功率射頻器材，非經核准，公司、商號或使用者均不得擅自變更頻率、加大功率或變更原設計之特性及功能。低功率射頻器材之使用不得影響飛航安全及干擾合法通信；經發現有干擾現象時，應立即停用，並改善至無干擾時方得繼續使用。前述合法通信，指依電信管理法規定作業之無線電通信。低功率射頻器材須忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。

「產品之限用物質含有情況」之相關資訊，請參考下表：

單元	限用物質及其化學符號					
	鉛 (Pb)	汞 (Hg)	鎘 (Cd)	六價鉻 (Cr ⁺⁶)	多溴聯苯 (PBB)	多溴二苯醚 (PBDE)
印刷電路板及電子組件	-	○	○	○	○	○
結構組件（金屬 / 塑膠）	○	○	○	○	○	○
其他組件（如天線/ 指示燈/連接線）	○	○	○	○	○	○
其他及其配件（如電源供應器）	-	○	○	○	○	○
備考1. “○” 係指該項限用物質之百分比含量未超出百分比含量基準值。						
備考2. “-” 係指該項限用物質為排除項目。						

安全說明：

- 請在溫度為 0° C (32° F) 至 40° C (104° F) 之間的環境中使用本產品。
- 請依照產品上的電源功率貼紙說明使用正確的電源適配器，如果使用錯誤規格的電源適配器可能會造成內部零件的損壞。
- 請勿將產品放置於不平坦或不穩定的表面，若產品的外殼損壞，請聯繫維修服務人員。
- 請勿在產品上放置其他物品，請勿將任何物品塞入產品內，以避免引起組件短路或電路損壞。

- 請保持机器在干燥的環境下使用，雨水、濕氣、液体等含有礦物質會腐蝕電子線路，請勿在雷電天气下使用調製解調器。
- 請勿堵塞產品的通風孔，以避免因散熱不良而導致系統過熱。
- 請勿使用破損的電源線、附件或其他周邊產品。
- 如果電源已損壞，請不要嘗試自行修復，請將其交給專業技術服務人員或經銷商來處理。
- 為了防止電擊風險，在搬動主機前，請先將電源線插頭暫時從電源插座上拔除。

使用警語：

- 推薦您在環境溫度為 0° C (32° F) ~ 40° C (104° F) 的情況下使用本產品。
- 請依照產品底部的電源功率貼紙說明使用符合此功率的電源變壓器。
- 請勿將產品放置在不平坦或不穩定的物體表面。若產品外殼有所損毀，請將產品送修。
- 請勿將任何物體放置在產品上方，並不要將任何外物插入產品。
- 請勿將產品置於或在液體、雨天或潮濕的環境中使用。雷暴天氣請不要使用數據機。
- 請勿擋住產品的散熱孔，以防止系統過熱。
- 請勿使用損毀的電源線、配件或其他周邊裝置。
- 若電源變壓器已損毀，請不要嘗試自行修復，請聯絡專業的服務技術人員或您的零售商。
- 為防止觸電，在重新放置產品前，請從電源插座上拔下電源線。
- 無線資訊傳輸設備避免影響附近雷達系統之操作。

華碩聯絡資訊

華碩電腦公司 ASUSTeK COMPUTER INC. (台灣)

市場訊息

地址：台灣臺北市北投區立德路 15 號 1 樓

電話：+886-2-2894-3447

傳真：+886-2-2890-7698

電子郵件：info@asus.com.tw

全球資訊網：<https://www.asus.com/tw>

技術支援

電話：+886-2-2894-3447 (0800-093-456)

線上支援：<https://www.asus.com/tw/support/>

Precautions for the use of the device

- a. Pay particular attention to the personal safety when use this device in airports, hospitals, gas stations and professional garages.
- b. Medical device interference: Maintain a minimum distance of at least 15 cm (6 inches) between implanted medical devices and ASUS products in order to reduce the risk of interference.
- c. Kindly use ASUS products in good reception conditions in order to minimize the radiation's level.
- d. Keep the device away from pregnant women and the lower abdomen of the teenager.

Précautions d'emploi de l'appareil

- a. Soyez particulièrement vigilant quant à votre sécurité lors de l'utilisation de cet appareil dans certains lieux (les avions, les aéroports, les hôpitaux, les stations-service et les garages professionnels).
- b. Évitez d'utiliser cet appareil à proximité de dispositifs médicaux implantés. Si vous portez un implant électronique (stimulateurs cardiaques, pompes à insuline, neurostimulateurs...), veuillez impérativement respecter une distance minimale de 15 centimètres entre cet appareil et votre corps pour réduire les risques d'interférence.
- c. Utilisez cet appareil dans de bonnes conditions de réception pour minimiser le niveau de rayonnement. Ce n'est pas toujours le cas dans certaines zones ou situations, notamment dans les parkings souterrains, dans les ascenseurs, en train ou en voiture ou tout simplement dans un secteur mal couvert par le réseau.
- d. Tenez cet appareil à distance des femmes enceintes et du bas-ventre des adolescents.

Условия эксплуатации:

- Температура эксплуатации устройства: 0-40 °С. Не используйте устройство в условиях экстремально высоких или низких температур.
- Не размещайте устройство вблизи источников тепла, например, рядом с микроволновой печью, духовым шкафом или радиатором.
- Использование несовместимого или несертифицированного адаптера питания может привести к возгоранию, взрыву и прочим опасным последствиям.
- При подключении к сети электропитания устройство следует располагать близко к розетке, к ней должен осуществляться беспрепятственный доступ.
- Утилизация устройства осуществляется в соответствии с местными законами и положениями. Устройство по окончании срока службы должны быть переданы в сертифицированный пункт сбора для вторичной переработки или правильной утилизации.
- Данное устройство не предназначено для детей. Дети могут пользоваться устройством только в присутствии взрослых.
- Не выбрасывайте устройство и его комплектующие вместе с обычными бытовыми отходами.



UA. TR.028

AEEE Yönetmeliğine Uygundur. IEEE Yönetmeliğine Uygundur.

- Bu Cihaz Türkiye analog şebekelerde çalışabilecek şekilde tasarlanmıştır.
- Cihazın ayrıntılı kurulum rehberi kutu içeriğinden çıkan CD içerisinde. Cihazın kullanıcı arayüzü Türkçe'dir.
- Cihazın kullanılması planlanan ülkelerde herhangi bir kısıtlaması yoktur. Ülkeler simgeler halinde kutu üzerinde belirtilmiştir.

Manufacturer	ASUSTeK Computer Inc. Tel: +886-2-2894-3447 Address: 1F., No. 15, Lide Rd., Beitou Dist., Taipei City 112, Taiwan
Authorised representative in Europe	ASUS Computer GmbH Address: HARKORT STR. 21-23, 40880 RATINGEN, GERMANY
Authorised distributors in Turkey	BOGAZICI BILGISAYAR TICARET VE SANAYI A.S. Tel./FAX No.: +90 212 331 10 00 / +90 212 332 28 90 Address: ESENTEPE MAH. BUYUKDERE CAD. ERCAN HAN B BLOK NO.121 SISLI, ISTANBUL 34394
	CIZGI Elektronik San. Tic. Ltd. Sti. Tel./FAX No.: +90 212 356 70 70 / +90 212 356 70 69 Address: GURSEL MAH. AKMAN SK.47B 1 KAGITHANE/ ISTANBUL
	KOYUNCU ELEKTRONİK BİLGİ İŞLEM SİST. SAN. VE DİŞ TIC. A.Ş. Tel. No.: +90 216 5288888 Address: EMEK MAH.ORDU CAD. NO:18, SARIGAZI, SANCAKTEPE ISTANBUL
	ENDEKS BİLİŞİM SAN VE DİŞ TİC LTD ŞTİ Tel./FAX No.: +90 216 523 35 70 / +90 216 523 35 71 Address: NECİP FAZİL BULVARI, KEYAP CARSI SITESİ, G1 BLOK, NO:115 Y.DUDULLU, UMRANIYE, ISTANBUL
	PENTA TEKNOLOJİ URUNLERİ DAGITIM TICARET A.Ş Tel./FAX No.: +90 216 528 0000 Address: ORGANİZE SANAYİ BOLGESİ NATO YOLU 4.CADDE NO:1 UMRANIYE, ISTANBUL 34775

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END OF TERMS AND CONDITIONS

EU Declaration of Conformity



We, the undersigned,

Manufacturer:

ASUSTeK COMPUTER INC.

Address:

1F., No. 15, Lide Rd., Beitou Dist., Taipei City 112, Taiwan

Authorized representative in Europe:

ASUS COMPUTER GmbH

Address, City:

HARKORT STR. 21-23, 40880 RATINGEN

Country:

GERMANY

declare the following apparatus:

Product name:

Powerline AX1800 Dual-band Router

Model name:

XP4, XP4R, XP4 Router, XP4N, XP4N, XP4 Node

Additional information: ANNEX I

The object of the declaration described above is in conformity with the relevant Union harmonisation legislation:

Radio Equipment Directive – 2014/53/EU

Article 3.1(a)

EN 50385:2017, EN 50412-2-1:2005/AC:2009, EN 50561-1:2013, EN 50665:2017, EN 62311:2008,
EN 62368-1:2014/A11:2017

Article 3.1(b)

Draft EN 301 489-1 V2.2.0, Draft EN 301 489-17 V3.2.0, EN 55024:2010/A1:2015, EN 55032:2015/AC:2016,
EN 55035:2017, EN 61000-3-2:2014, EN 61000-3-3:2013

Article 3.2

EN 300 328 V2.2.2, EN 301 893 V2.1.1

Radio Equipment Class

Class 2

Ecodesign Directive – 2009/125/EC

(EU) 2019/1782, 1275/2008/EC, EU 801/2013

RoHS Directive – 2011/65/EU

2015/863/EU, EN IEC 63000:2018

Signature:

S.y. Shian, CEO

Place of issue:

Taipei, Taiwan

Date of issue:

02/06/2021

1 of 2

[Danish] CE statement

EU Overensstemmelseserklæring



Vi, undertegnede,

Fabrikant:

ASUSTeK COMPUTER INC.

Adresse:

1F., No. 15, Lide Rd., Beitou Dist., Taipei City 112, Taiwan

Autoriseret repræsentant i Europa:

ASUS COMPUTER GmbH

Adresse, By:

HARKORT STR. 21-23, 40880 RATINGEN

Land:

GERMANY

erklærer, at følgende apparat:

Produktnavn:

Powerline AX1800 Dual-band Router

Modelnavn:

XP4, XP4R, XP4 Router, XP4N, XP4N, XP4 Node

Supplerende oplysninger: ANNEX I

Ovenstående produkt er i overensstemmelse med den relevante harmoniseringslovgivning for EU:

Radioudstyr Direktiv - 2014/53/EU

Artikel 3.1a

EN 50385:2017, EN 50412-2-1:2005/AC:2009, EN 50561-1:2013, EN 50665:2017, EN 62311:2008, EN 62368-1:2014/A11:2017

Artikel 3.1b

Draft EN 301 489-1 V2.2.0, Draft EN 301 489-17 V3.2.0, EN 55024:2010/A1:2015, EN 55032:2015/AC:2016, EN 55035:2017, EN 61000-3-2:2014, EN 61000-3-3:2013

Artikel 3.2

EN 300 328 V2.2.2, EN 301 893 V2.1.1

Radioudstyr klasse

Klasse 2

Miljøvenligt design Direktiv - 2009/125/EC

(EU) 2019/1782, 1275/2008/EC, EU 801/2013

RoHS Direktiv - 2011/65/EU

2015/863/EU, EN IEC 63000:2018

Underskrift:

S.y. Shian, Administrerende direktør/CEO

Udstedelsessted:

Taipei, Taiwan

Udstedelsesdato:

02/06/2021

1 of 2

[Dutch] CE statement

EU-conformiteitsverklaring



Wij, de ondergetekenden,

Fabrikant:

ASUSTeK COMPUTER INC.

Adres:

1F., No. 15, Lide Rd., Beitou Dist., Taipei City 112, Taiwan

Geautoriseerde vertegenwoordiger in Europa:

ASUS COMPUTER GmbH

Adres, plaats:

HARKORT STR. 21-23, 40880 RATINGEN

Land:

GERMANY

Verklaren dat het volgende apparaat:

Productnaam:

Powerline AX1800 Dual-band Router

Modelnaam:

XP4, XP4R, XP4 Router, XP4N, XP4N, XP4 Node

Aanvullende informatie: ANNEX I

Het onderwerp van de bovenstaande verklaring is in overeenstemming met de desbetreffende harmoniseringswetgeving van de Europese Unie:

Radioapparatuur Richtlijn – 2014/53/EU

Artikel 3.1a

EN 50385:2017, EN 50412-2-1:2005/AC:2009, EN 50561-1:2013, EN 50665:2017, EN 62311:2008,

EN 62368-1:2014/A11:2017

Artikel 3.1b

Draft EN 301 489-1 V2.2.0, Draft EN 301 489-17 V3.2.0, EN 55024:2010/A1:2015, EN 55032:2015/AC:2016,

EN 55035:2017, EN 61000-3-2:2014, EN 61000-3-3:2013

Artikel 3.2

EN 300 328 V2.2.2, EN 301 893 V2.1.1

Radio apparatuur Klasse

Klasse 2

Ecologisch ontwerp Richtlijn – 2009/125/EC

(EU) 2019/1782, 1275/2008/EC, EU 801/2013

RoHS Richtlijn – 2011/65/EU

2015/863/EU, EN IEC 63000:2018

Handtekening:

S.y. Shian, Directeur/CEO

Plaats van afgifte:

Taipei, Taiwan

Datum van afgifte:

02/06/2021

1 of 2

Déclaration UE de Conformité



Nous, soussignés,

Fabricant:	ASUSTeK COMPUTER INC.
Address:	1F., No. 15, Lide Rd., Beitou Dist., Taipei City 112, Taiwan
Représentant autorisé en Europe:	ASUS COMPUTER GmbH
Adresse, ville:	HARKORT STR. 21-23, 40880 RATINGEN
Pays:	GERMANY

Déclarons l'appareil suivant:

Nom du produit:	Powerline AX1800 Dual-band Router
Nom du modèle:	XP4, XP4R, XP4 Router, XP4N, XP4N, XP4 Node

Informations complémentaires: ANNEX I

L'objet de la déclaration décrit ci-dessus est conforme avec la législation d'harmonisation de l'Union applicable:

Directive Équipement Radioélectrique – 2014/53/EU

Article 3.1a

EN 50385:2017, EN 50412-2-1:2005/AC:2009, EN 50561-1:2013, EN 50665:2017, EN 62311:2008, EN 62368-1:2014/A11:2017

Article 3.1b

Draft EN 301 489-1 V2.2.0, Draft EN 301 489-17 V3.2.0, EN 55024:2010/A1:2015, EN 55032:2015/AC:2016, EN 55035:2017, EN 61000-3-2:2014, EN 61000-3-3:2013

Article 3.2

EN 300 328 V2.2.2, EN 301 893 V2.1.1

Classe d'équipement Radio

Classe 2

Directive écoconception – 2009/125/EC

(EU) 2019/1782, 1275/2008/EC, EU 801/2013

Directive RoHS – 2011/65/EU

2015/863/EU, EN IEC 63000:2018

Signature:

S.y. Shian, Directeur Général/CEO

Lieu de délivrance:

Taipei, Taiwan

Date d'émission:

02/06/2021

1 of 2

EU-vaatimustenmukaisuusvakuutus



Me, allekirjoittaneet,

Valmistaja:
Osoite:
Valtuutettu edustaja Euroopassa:
Osoite, kaupunki:
Maa:

ASUSTeK COMPUTER INC.
1F., No. 15, Lide Rd., Beitou Dist., Taipei City 112, Taiwan
ASUS COMPUTER GmbH
HARKORT STR. 21-23, 40880 RATINGEN
GERMANY

ilmoitamme seuraavan laitteen:

Tuotenimi:
Mallinimi:

Powerline AX1800 Dual-band Router
XP4, XP4R, XP4 Router, XP4N, XP4N, XP4 Node

Lisätietoja: ANNEX I

Yllä olevan ilmoituksen kohde on asiaa koskevan unionin yhdenmukaistamislainsäädännön mukainen:

Radiolaitteet Direktiiv - 2014/53/EU

3.1a artikla

EN 50385:2017, EN 50412-2-1:2005/AC:2009, EN 50561-1:2013, EN 50665:2017, EN 62311:2008,
EN 62368-1:2014/A11:2017

3.1b artikla

Draft EN 301 489-1 V2.2.0, Draft EN 301 489-17 V3.2.0, EN 55024:2010/A1:2015, EN 55032:2015/AC:2016,
EN 55035:2017, EN 61000-3-2:2014, EN 61000-3-3:2013

3.2 artikla

EN 300 328 V2.2.2, EN 301 893 V2.1.1

Radio-laitteiden luokka
luokka 2

Ekologisella suunnittelulla Direktiivi - 2009/125/EC

(EU) 2019/1782, 1275/2008/EC, EU 801/2013

RoHS Direktiivi - 2011/65/EU

2015/863/EU, EN IEC 63000:2018

Allekirjoitus:

S.y. Shian, Toimitusjohtaja/CEO

Myöntämispaikka:

Taipei, Taiwan

Myöntämispäivä:

02/06/2021

1 of 2

EU Konformitätserklärung



Hiermit erklären wir,

Hersteller:	ASUSTeK COMPUTER INC.
Anschrift:	1F., No. 15, Lide Rd., Beitou Dist., Taipei City 112, Taiwan
Bevollmächtigter:	ASUS COMPUTER GmbH
Anschrift des Bevollmächtigten:	HARKORT STR. 21-23, 40880 RATINGEN
Land:	GERMANY

dass nachstehend bezeichnete Produkte:

Produktbezeichnung:	Powerline AX1800 Dual-band Router
Modellbezeichnung:	XP4, XP4R, XP4 Router, XP4N, XP4N, XP4 Node

Zusatzangaben: ANNEX I

mit den nachstehend angegebenen, für das Produkt geltenden Richtlinien/Bestimmungen übereinstimmen:

Funkanlagen Richtlinie – 2014/53/EU

Artikel 3.1a

EN 50385:2017, EN 50412-2-1:2005/AC:2009, EN 50561-1:2013, EN 50665:2017, EN 62311:2008,
EN 62368-1:2014/A11:2017

Artikel 3.1b

Draft EN 301 489-1 V2.2.0, Draft EN 301 489-17 V3.2.0, EN 55024:2010/A1:2015, EN 55032:2015/AC:2016,
EN 55035:2017, EN 61000-3-2:2014, EN 61000-3-3:2013

Artikel 3.2

EN 300 328 V2.2.2, EN 301 893 V2.1.1

Funkanlagen Klasse

Klasse 2

Ökodesign Richtlinie – 2009/125/EC

(EU) 2019/1782, 1275/2008/EC, EU 801/2013

RoHS Richtlinie – 2011/65/EU

2015/863/EU, EN IEC 63000:2018

Unterschrift:

S.y. Shian, Geschäftsführer/CEO

Ort:

Taipei, Taiwan

Datum:

02/06/2021

1 of 2

[Greek] CE statement

Δήλωση Συμμόρφωσης ΕΕ



Εμείς, τα υπογράφοντα μέλη,

Κατασκευαστής:

ASUSTeK COMPUTER INC.

Διεύθυνση:

1F, No. 15, Lide Rd., Beitou Dist., Taipei City 112, Taiwan

Εξουσιοδοτημένος αντιπρόσωπος στην Ευρώπη:

ASUS COMPUTER GmbH

Διεύθυνση, Πόλη:

HARKORT-STR. 21-23, 40880 RATINGEN

Χώρα:

GERMANY

δηλώνουμε την εξής συσκευή:

Όνομα προϊόντος:

Powerline AX1800 Dual-band Router

Όνομα μοντέλου:

XP4, XP4R, XP4 Router, XP4N, XP4N, XP4 Node

Συμπληρωματικές πληροφορίες: ANNEX I

Το αντικείμενο της δήλωσης που περιγράφεται παραπάνω είναι σύμφωνο προς την σχετική ενωσιακή νομοθεσία εναρμόνισης:

Ραδιοεξοπλισμό Οδηγία – 2014/53/EU

Άρθρο 3.1a

EN 50385:2017, EN 50412-2-1:2005/AC:2009, EN 50561-1:2013, EN 50665:2017, EN 62311:2008, EN 62368-1:2014/A11:2017

Άρθρο 3.1b

Draft EN 301 489-1 V2.2.0, Draft EN 301 489-17 V3.2.0, EN 55024:2010/A1:2015, EN 55032:2015/AC:2016, EN 55035:2017, EN 61000-3-2:2014, EN 61000-3-3:2013

Άρθρο 3.2

EN 300 328 V2.2.2, EN 301 893 V2.1.1

Κατηγορία Ραδιοεξοπλισμού

Τάξη 2

Οικολογικούς σχεδιασμός Οδηγία – 2009/125/EC

(EU) 2019/1782, 1275/2008/EC, EU 801/2013

RoHS Οδηγία – 2011/65/EU

2015/863/EU, EN IEC 63000:2018

Υπογραφή:

S.y. Shian, Διευθύνων Σύμβουλος/CEO

Τόπος έκδοσης:

Taipei, Taiwan

Ημερομηνία έκδοσης:

02/06/2021

1 of 2

Dichiarazione di conformità UE



I sottoscritti,

Produttore:	ASUSTeK COMPUTER INC.
Indirizzo:	1F., No. 15, Lide Rd., Beitou Dist., Taipei City 112, Taiwan
Rappresentante autorizzato per l'Europa:	ASUS COMPUTER GmbH
Indirizzo, Città:	HARKORT STR. 21-23, 40880 RATINGEN
paese:	GERMANY

dichiarano che il seguente apparecchio:

Nome prodotto:	Powerline AX1800 Dual-band Router
Nome modello:	XP4, XP4R, XP4 Router, XP4N, XP4N, XP4 Node

Informazioni supplementari: **ANNEX I**

L'oggetto della dichiarazione di cui sopra è conforme alla pertinente normativa di armonizzazione dell'Unione Europea

Apparecchi radio Directive - 2014/53/EU

Articolo 3.1a

EN 50385:2017, EN 50412-2-1:2005/AC:2009, EN 50561-1:2013, EN 50665:2017, EN 62311:2008, EN 62368-1:2014/A11:2017

Articolo 3.1b

Draft EN 301 489-1 V2.2.0, Draft EN 301 489-17 V3.2.0, EN 55024:2010/A1:2015, EN 55032:2015/AC:2016, EN 55035:2017, EN 61000-3-2:2014, EN 61000-3-3:2013

Articolo 3.2

EN 300 328 V2.2.2, EN 301 893 V2.1.1

Classe di apparecchiature radio

Classe 2

Progettazione ecocompatibile Direttiva - 2009/125/EC

(EU) 2019/1782, 1275/2008/EC, EU 801/2013

RoHS Direttiva - 2011/65/EU

2015/863/EU, EN IEC 63000:2018

Firma:

S.y. Shian, Amministratore delegato/CEO

Luogo:

Taipei, Taiwan

Data del rilascio:

02/06/2021

1 of 2

[Portuguese] CE statement

Declaração UE de Conformidade



Nós, os abaixo-assinados,

Fabricante:	ASUSTeK COMPUTER INC.
Endereço:	1F., No. 15, Lide Rd., Beitou Dist., Taipei City 112, Taiwan
Representante autorizado na Europa:	ASUS COMPUTER GmbH
Endereço, cidade:	HARKORT STR. 21-23, 40880 RATINGEN
País:	GERMANY

declaramos o seguinte aparelho:

Nome do produto:	Powerline AX1800 Dual-band Router
Nome do modelo:	XP4, XP4R, XP4 Router, XP4N, XP4N, XP4 Node

Informações adicionais: ANNEX I

O objeto da declaração acima descrito está em conformidade com a legislação de harmonização da União aplicável:

Equipamento de rádio Diretiva – 2014/53/EU

Artigo 3.1a

EN 50385:2017, EN 50412-2-1:2005/AC:2009, EN 50561-1:2013, EN 50665:2017, EN 62311:2008, EN 62368-1:2014/A11:2017

Artigo 3.1b

Draft EN 301 489-1 V2.2.0, Draft EN 301 489-17 V3.2.0, EN 55024:2010/A1:2015, EN 55032:2015/AC:2016, EN 55035:2017, EN 61000-3-2:2014, EN 61000-3-3:2013

Artigo 3.2

EN 300 328 V2.2.2, EN 301 893 V2.1.1

Classe de equipamento de Rádio

Classe 2

Concepção Ecológica Diretiva – 2009/125/EC

(EU) 2019/1782, 1275/2008/EC, EU 801/2013

RoHS Diretiva – 2011/65/EU

2015/863/EU, EN IEC 63000:2018

Assinatura:

S.y. Shian, Diretor Executivo/CEO

Local de emissão:

Taipei, Taiwan

Data de emissão:

02/06/2021

1 of 2

[Spanish] CE statement

UE Declaración de Conformidad



Nosotros, los abajo firmantes,

Fabricante:	ASUSTeK COMPUTER INC.
Dirección:	1F., No. 15, Lide Rd., Beitou Dist., Taipei City 112, Taiwan
Representante autorizado en Europa:	ASUS COMPUTER GmbH
Dirección, Ciudad:	HARKORT STR. 21-23, 40880 RATINGEN
País:	GERMANY

Declaramos el siguiente producto:

Nombre del aparato:	Powerline AX1800 Dual-band Router
Nombre del modelo:	XP4, XP4R, XP4 Router, XP4N, XP4N, XP4 Node

Información adicional: ANNEX I

El objeto de la declaración descrita anteriormente es conforme con la legislación de armonización pertinente de la Unión:

Equipos Radioeléctricos Directiva – 2014/53/EU

Artículo 3.1a
EN 50385:2017, EN 50412-2-1:2005/AC:2009, EN 50561-1:2013, EN 50665:2017, EN 62311:2008,
EN 62368-1:2014/A11:2017

Artículo 3.1b
Draft EN 301 489-1 V2.2.0, Draft EN 301 489-17 V3.2.0, EN 55024:2010/A1:2015, EN 55032:2015/AC:2016,
EN 55035:2017, EN 61000-3-2:2014, EN 61000-3-3:2013

Artículo 3.2
EN 300 328 V2.2.2, EN 301 893 V2.1.1

Clase de Equipos de Radio
Clase 2

Directiva Diseño Ecológico – 2009/125/EC

(EU) 2019/1782, 1275/2008/EC, EU 801/2013

Directiva RoHS – 2011/65/EU

2015/863/EU, EN IEC 63000:2018

Firma:

S.y. Shian, Director Ejecutivo/CEO

Lugar de emisión:

Taipei, Taiwan

Fecha de emisión:

02/06/2021

1 of 2

[Swedish] CE statement

Försäkran om överensstämmelse



Undertecknande,

Tillverkare:

Adress:

Auktoriserad representant i Europa:

Adress, Ort:

Land:

ASUSTeK COMPUTER INC.

1F., No. 15, Lide Rd., Beitou Dist., Taipei City 112, Taiwan

ASUS COMPUTER GmbH

HARKORT STR. 21-23, 40880 RATINGEN

GERMANY

förklarar att följande apparat:

Produktnamn:

Powerline AX1800 Dual-band Router

Modellnamn:

XP4, XP4R, XP4 Router, XP4N, XP4N, XP4 Node

Ytterligare information: ANNEX I

Syftet med deklarationen som beskrivs ovan är i enlighet med relevant harmonisering av EU-lagstiftningen:

Radioutrustning Direktiv – 2014/53/EU

Artikel 3.1a

EN 50385:2017, EN 50412-2-1:2005/AC:2009, EN 50561-1:2013, EN 50665:2017, EN 62311:2008, EN 62368-1:2014/A11:2017

Artikel 3.1b

Draft EN 301 489-1 V2.2.0, Draft EN 301 489-17 V3.2.0, EN 55024:2010/A1:2015, EN 55032:2015/AC:2016, EN 55035:2017, EN 61000-3-2:2014, EN 61000-3-3:2013

Artikel 3.2

EN 300 328 V2.2.2, EN 301 893 V2.1.1

Radioutrustningsklass

Klass 2

Ekodesign Direktiv – 2009/125/EC

(EU) 2019/1782, 1275/2008/EC, EU 801/2013

RoHS Direktiv – 2011/65/EU

2015/863/EU, EN IEC 63000:2018

Namnteckning:

S.y. Shian, Verkställande director/CEO

Plats för utfärdande:

Taipei, Taiwan

Dag för utfärdande:

02/06/2021

1 of 2

[Bulgarian] CE statement

ЕС декларация за съответствие



Ние, долуподписаните,

Производител:

ASUSTeK COMPUTER INC.

Адрес:

1F, No. 15, Lide Rd., Beitou Dist., Taipei City 112, Taiwan

Упълномощен представител в Европа:

ASUS COMPUTER GmbH

Адрес, град:

HARKORT STR. 21-23, 40880 RATINGEN

Държава:

GERMANY

декларираме, че следният апарат:

Име на продукта :

Powerline AX1800 Dual-band Router

Име на модела :

XP4, XP4R, XP4 Router, XP4N, XP4N, XP4 Node

Допълнителна информация: ANNEX I

Предметът на декларацията, описан по-горе, съответства на съответното законодателство на Съюза за хармонизация:

Директива за радионавигационно оборудване – 2014/53/EC

Article 3.1(a)

EN 50385:2017, EN 50412-2-1:2005/AC:2009, EN 50561-1:2013, EN 50665:2017, EN 62311:2008, EN 62368-1:2014/A11:2017

Article 3.1(b)

Draft EN 301 489-1 V2.2.0, Draft EN 301 489-17 V3.2.0, EN 55024:2010/A1:2015, EN 55032:2015/AC:2016, EN 55035:2017, EN 61000-3-2:2014, EN 61000-3-3:2013

Article 3.2

EN 300 328 V2.2.2, EN 301 893 V2.1.1

Radio Equipment Class

Class 2

Директива за екологично проектиране – 2009/125/EU

(EU) 2019/1782, 1275/2008/EC, EU 801/2013

електрическото и електронното оборудване – 2011/65/EU

2015/863/EU, EN IEC 63000:2018

Подпис:

S.y. Shian, Главен изпълнителен директор/CEO

Място на издаване:

Taipei, Taiwan

Дата на издаване:

02/06/2021

1 of 2

EU izjava o sukladnosti



Mi, dolje potpisani,

Proizvođač:

Adresa:

Ovlašteni predstavnik u Europi:

Adresa, grad:

Zemlja:

izjavljujemo da sljedeći uređaj:

Naziv proizvoda:

Naziv modela:

ASUSTeK COMPUTER INC.

1F., No. 15, Lide Rd., Beitou Dist., Taipei City 112, Taiwan

ASUS COMPUTER GmbH

HARKORT STR. 21-23, 40880 RATINGEN

GERMANY

Powerline AX1800 Dual-band Router

XP4, XP4R, XP4 Router, XP4N, XP4N, XP4 Node

Dodatni podaci: ANNEX I

Predmet gore opisane izjave u sukladnosti je s relevantnim usklađenim zakonima Unije:

Direktiva o radijskoj opremi – 2014/53/EU

Article 3.1(a)

EN 50385:2017, EN 50412-2-1:2005/AC:2009, EN 50561-1:2013, EN 50665:2017, EN 62311:2008, EN 62368-1:2014/A11:2017

Article 3.1(b)

Draft EN 301 489-1 V2.2.0, Draft EN 301 489-17 V3.2.0, EN 55024:2010/A1:2015, EN 55032:2015/AC:2016, EN 55035:2017, EN 61000-3-2:2014, EN 61000-3-3:2013

Article 3.2

EN 300 328 V2.2.2, EN 301 893 V2.1.1

Radio Equipment Class

Class 2

Direktiva o ekodizajnu – 2009/125/EZ

(EU) 2019/1782, 1275/2008/EC, EU 801/2013

RoHS Direktiva – 2011/65/EU

2015/863/EU, EN IEC 63000:2018

Potpis:

Mjesto potpisa:

Datum izdavanja:

S.y. Shian, Glavni izvršni direktor/CEO

Taipei, Taiwan

02/06/2021

1 of 2

EU Prohlášení o shodě



Níže podepsaný,

Výrobcе:
Adresa:
Autorizovaný zástupce v Evropě:
Adresa, město:
Země:

ASUSTeK COMPUTER INC.
1F., No. 15, Lide Rd., Beitou Dist., Taipei City 112, Taiwan
ASUS COMPUTER GmbH
HARKORT STR. 21-23, 40880 RATINGEN
GERMANY

prohlašuje, že následující přístroj:

Název produktu: Powerline AX1800 Dual-band Router
Název modelu: XP4, XP4R, XP4 Router, XP4N, XP4N, XP4 Node

Další informace: ANNEX I

Výše uvedený předmět tohoto prohlášení vyhovuje příslušné unijní harmonizační legislativě:

Rádiová Zařízení Směrnice - 2014/53/EU

Článek 3.1a

EN 50385:2017, EN 50412-2-1:2005/AC:2009, EN 50561-1:2013, EN 50665:2017, EN 62311:2008,
EN 62368-1:2014/A11:2017

Článek 3.1b

Draft EN 301 489-1 V2.2.0, Draft EN 301 489-17 V3.2.0, EN 55024:2010/A1:2015, EN 55032:2015/AC:2016,
EN 55035:2017, EN 61000-3-2:2014, EN 61000-3-3:2013

Článek 3.2

EN 300 328 V2.2.2, EN 301 893 V2.1.1

Třída rádiových zařízení

Třída 2

Ekodesignu Směrnice - 2009/125/EC

(EU) 2019/1782, 1275/2008/EC, EU 801/2013

RoHS Směrnice - 2011/65/EU

2015/863/EU, EN IEC 63000:2018

Podpis:

S.y. Shian, Výkonný ředitel/CEO

Místo vydání:

Taipei, Taiwan

Datum vydání:

02/06/2021

1 of 2

EU-megfelelőségi nyilatkozat



Mi, alulírottak

Gyártó:
Cím:
Hivatalos képviselő Európában:
Cím (város):
Ország:

ASUSTeK COMPUTER INC.
1F., No. 15, Lide Rd., Beitou Dist., Taipei City 112, Taiwan
ASUS COMPUTER GmbH
HARKORT STR. 21-23, 40880 RATINGEN
GERMANY

kijelentjük, hogy az alábbi berendezés:

Terméknév: Powerline AX1800 Dual-band Router
Típusnév: XP4, XP4R, XP4 Router, XP4N, XP4N, XP4 Node

További információk: ANNEX I

A fent ismertetett nyilatkozat tárgya megfelel az Unió ide vonatkozó összehangolt jogszabályainak:
Rádióberendezésekre vonatkozó irányelv - 2014/53/EU

Article 3.1(a)

EN 50385:2017, EN 50412-2-1:2005/AC:2009, EN 50561-1:2013, EN 50665:2017, EN 62311:2008,
EN 62368-1:2014/A11:2017

Article 3.1(b)

Draft EN 301 489-1 V2.2.0, Draft EN 301 489-17 V3.2.0, EN 55024:2010/A1:2015, EN 55032:2015/AC:2016,
EN 55035:2017, EN 61000-3-2:2014, EN 61000-3-3:2013

Article 3.2

EN 300 328 V2.2.2, EN 301 893 V2.1.1

Radio Equipment Class
Class 2

Környezetbarát tervezésre vonatkozó irányelv - 2009/125/EK

(EU) 2019/1782, 1275/2008/EC, EU 801/2013

RoHS irányelv - 2011/65/EU

2015/863/EU, EN IEC 63000:2018

Aláírás:

S.y. Shian, Vezérigazgató/CEO

Kiadás helye:

Taipei, Taiwan

Kiadás dátuma:

02/06/2021

1 of 2

ES Atbilstības deklarācija



Mēs, zemāk parakstījušies,

Ražotājs:

Adrese:

Pilnvarotais pārstāvis Eiropā:

Adrese, pilsēta:

Valsts:

ASUSTek COMPUTER INC.

1F., No. 15, Lide Rd., Beitou Dist., Taipei City 112, Taiwan

ASUS COMPUTER GmbH

HARKORT STR. 21-23, 40880 RATINGEN

GERMANY

paziņojam, ka šāda ierīce:

Izstrādājuma nosaukums:

Powerline AX1800 Dual-band Router

Modeļa nosaukums:

XP4, XP4R, XP4 Router, XP4N, XP4N, XP4 Node

Additional information: ANNEX I

Iepriekš minētais deklarācijas priekšmets atbilst attiecīgajiem ES saskaņošanas tiesību aktiem:

Radioaprikojuma direktīva – 2014/53/ES

Article 3.1(a)

EN 50385:2017, EN 50412-2-1:2005/AC:2009, EN 50561-1:2013, EN 50665:2017, EN 62311:2008,

EN 62368-1:2014/A11:2017

Article 3.1(b)

Draft EN 301 489-1 V2.2.0, Draft EN 301 489-17 V3.2.0, EN 55024:2010/A1:2015, EN 55032:2015/AC:2016,

EN 55035:2017, EN 61000-3-2:2014, EN 61000-3-3:2013

Article 3.2

EN 300 328 V2.2.2, EN 301 893 V2.1.1

Radio Equipment Class

Class 2

Ekodizaina direktīva – 2009/125/EK

(EU) 2019/1782, 1275/2008/EC, EU 801/2013

RoHS Direktīva – 2011/65/ES

2015/863/EU, EN IEC 63000:2018

Paraksts:

S.y. Shian, Izpilddirektors/CEO

Izdošanas vieta:

Taipei, Taiwan

Izdošanas datums:

02/06/2021

1 of 2

[Lithuanian] CE statement

ES atitikties deklaracija



Mes, toliau pasirašiusieji:

Gamintojas:

ASUSTeK COMPUTER INC.

Adresas:

1F., No. 15, Lide Rd., Beitou City 112, Taiwan

Igaliotasis atstovas Europoje:

ASUS COMPUTER GmbH

Adresas, miestas:

HARKORT STR. 21-23, 40880 RATINGEN

Šalis:

GERMANY

atsakingai pareiškiame, kad šis prietaisas:

Gaminio pavadinimas:

Powerline AX1800 Dual-band Router

Modelio pavadinimas:

XP4, XP4R, XP4 Router, XP4N, XP4N, XP4 Node

Papildoma informacija: ANNEX I

Pirmiau nurodytas deklaracijos objektas atitinka taikytinus suderintus Sąjungos teisės aktus:

Radio ryšio įrenginių direktyva – 2014/53/ES

Article 3.1(a)

EN 50385:2017, EN 50412-2-1:2005/AC:2009, EN 50561-1:2013, EN 50665:2017, EN 62311:2008, EN 62368-1:2014/A11:2017

Article 3.1(b)

Draft EN 301 489-1 V2.2.0, Draft EN 301 489-17 V3.2.0, EN 55024:2010/A1:2015, EN 55032:2015/AC:2016, EN 55035:2017, EN 61000-3-2:2014, EN 61000-3-3:2013

Article 3.2

EN 300 328 V2.2.2, EN 301 893 V2.1.1

Radio Equipment Class

Class 2

Ekodizaino direktyva – 2009/125/EB

(EU) 2019/1782, 1275/2008/EC, EU 801/2013

RoHS direktyva – 2011/65/ES

2015/863/EU, EN IEC 63000:2018

Parašas:

S.y. Shian, Vyriausiasis pareigūnas/CEO

Leidimo vieta:

Taipei, Taiwan

Leidimo data:

02/06/2021

1 of 2

Deklaracja zgodności UE



My, niżej podpisani,

Producent:	ASUSTeK COMPUTER INC.
Adres:	1F., No. 15, Lide Rd., Beitou Dist., Taipei City 112, Taiwan
Autoryzowany przedstawiciel w Europie:	ASUS COMPUTER GmbH
Adres, miasto:	HARKORT STR. 21-23, 40880 RATINGEN
Kraj:	GERMANY

oświadczamy, że niniejsze urządzenie:

Nazwa produktu:	Powerline AX1800 Dual-band Router
Nazwa modelu:	XP4, XP4R, XP4 Router, XP4N, XP4N, XP4 Node

Informacje dodatkowe: ANNEX I

będące przedmiotem opisanej powyżej deklaracji spełnia wymogi właściwych przepisów unijnego prawodawstwa harmonizacyjnego:

Urządzenia radiowe Dyrektywa – 2014/53/EU

Artykuł 3.1a
EN 50385:2017, EN 50412-2-1:2005/AC:2009, EN 50561-1:2013, EN 50665:2017, EN 62311:2008,
EN 62368-1:2014/A11:2017

Artykuł 3.1b
Draft EN 301 489-1 V2.2.0, Draft EN 301 489-17 V3.2.0, EN 55024:2010/A1:2015, EN 55032:2015/AC:2016,
EN 55035:2017, EN 61000-3-2:2014, EN 61000-3-3:2013

Artykuł 3.2
EN 300 328 V2.2.2, EN 301 893 V2.1.1

Klasa urządzeń Radiowych
Klasa 2

Ekoprojekt Dyrektywa – 2009/125/EC

(EU) 2019/1782, 1275/2008/EC, EU 801/2013

RoHS Dyrektywa – 2011/65/EU

2015/863/EU, EN IEC 63000:2018

Podpis:

S.y. Shian, Dyrektor naczelny/CEO

Miejsce wystawienia:

Taipei, Taiwan

Data wystawienia:

02/06/2021

1 of 2

Declarația UE de Conformitate



Subsemnatul,

Subsemnatul:
Adresă:
Reprezentant autorizat în Europa:
Adresă, Oraș:
Țară:

ASUSTeK COMPUTER INC.
1F., No. 15, Lide Rd., Beitou Dist., Taipei City 112, Taiwan
ASUS COMPUTER GmbH
HARKORT STR. 21-23, 40880 RATINGEN
GERMANY

declară următorul aparat:

Nume Produs:
Nume Model:

Powerline AX1800 Dual-band Router
XP4, XP4R, XP4 Router, XP4N, XP4N, XP4 Node

Informații suplimentare: ANNEX I

Obiectul declarației descris mai sus este în conformitate cu legislația relevantă de armonizare a Uniunii:

Echipamentele radio Directiva – 2014/53/EU

Articolul 3.1a

EN 50385:2017, EN 50412-2-1:2005/AC:2009, EN 50561-1:2013, EN 50665:2017, EN 62311:2008,
EN 62368-1:2014/A11:2017

Articolul 3.1b

Draft EN 301 489-1 V2.2.0, Draft EN 301 489-17 V3.2.0, EN 55024:2010/A1:2015, EN 55032:2015/AC:2016,
EN 55035:2017, EN 61000-3-2:2014, EN 61000-3-3:2013

Articolul 3.2

EN 300 328 V2.2.2, EN 301 893 V2.1.1

Clasa echipamentului Radio
Clas 2

Ecologică Directiva – 2009/125/EC

(EU) 2019/1782, 1275/2008/EC, EU 801/2013

RoHS Directiva – 2011/65/EU

2015/863/EU, EN IEC 63000:2018

Semnătură:

S.y. Shian, Director executiv/CEO

Locul emiterii:

Taipei, Taiwan

Data emiterii:

02/06/2021

1 of 2

Izjava EU o skladnosti



Spodaj podpisani

Proizvajalec:
Naslov:
Pooblaščen zastopnik v Evropi:
Naslov, mesto:
Država:

ASUSTeK COMPUTER INC.
1F, No. 15, Lide Rd., Beitou Dist., Taipei City 112, Taiwan
ASUS COMPUTER GmbH
HARKORT STR. 21-23, 40880 RATINGEN
GERMANY

izjavljamo, da je ta naprava:

Ime izdelka: Powerline AX1800 Dual-band Router
Ime modela: XP4, XP4R, XP4 Router, XP4N, XP4N, XP4 Node

Dodatne informacije: ANNEX I

Predmet zgoraj navedene izjave je v skladu z ustrezno harmonizacijsko zakonodajo Unije:

Direktiva o radijski opremi – 2014/53/EU

Article 3.1(a)

EN 50385:2017, EN 50412-2-1:2005/AC:2009, EN 50561-1:2013, EN 50665:2017, EN 62311:2008,
EN 62368-1:2014/A11:2017

Article 3.1(b)

Draft EN 301 489-1 V2.2.0, Draft EN 301 489-17 V3.2.0, EN 55024:2010/A1:2015, EN 55032:2015/AC:2016,
EN 55035:2017, EN 61000-3-2:2014, EN 61000-3-3:2013

Article 3.2

EN 300 328 V2.2.2, EN 301 893 V2.1.1

Radio Equipment Class
Class 2

Direktiva o okoljsko primernih zasnovi – 2009/125/ES

(EU) 2019/1782, 1275/2008/EC, EU 801/2013

RoHS Direktiva – 2011/65/EU

2015/863/EU, EN IEC 63000:2018

Podpis:

S.y. Shian, Izvršni direktor/CEO

Kraj izdaje:

Taipei, Taiwan

Datum izdaje:

02/06/2021

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Vyhlasenie o zhode EÚ



My, dolu podpísaní,

Výrobca:

ASUSTeK COMPUTER INC.

Adresa:

1F., No. 15, Lide Rd., Beitou Dist., Taipei City 112, Taiwan

Oprávnený zástupca v Európe:

ASUS COMPUTER GmbH

Adresa, mesto:

HARKORT STR. 21-23, 40880 RATINGEN

Krajina:

GERMANY

týmto vyhlasujeme, že nasledovné zariadenie:

Názov výrobku:

Powerline AX1800 Dual-band Router

Názov modelu:

XP4, XP4R, XP4 Router, XP4N, XP4N, XP4 Node

Doplňujúce informácie: ANNEX I

Predmet vyhlásenia, ktorý je vyššie opísaný, je v súlade s príslušnou harmonizáciou právnych predpisov v EÚ:

Smernica o rádiových zariadeniach č. – 2014/53/EÚ

Article 3.1(a)

EN 50385:2017, EN 50412-2-1:2005/AC:2009, EN 50561-1:2013, EN 50665:2017, EN 62311:2008,

EN 62368-1:2014/A11:2017

Article 3.1(b)

Draft EN 301 489-1 V2.2.0, Draft EN 301 489-17 V3.2.0, EN 55024:2010/A1:2015, EN 55032:2015/AC:2016,

EN 55035:2017, EN 61000-3-2:2014, EN 61000-3-3:2013

Article 3.2

EN 300 328 V2.2.2, EN 301 893 V2.1.1

Radio Equipment Class

Class 2

Smernica o ekodizajne č. – 2009/125/ES

(EU) 2019/1782, 1275/2008/EC, EU 801/2013

Smernica RoHS č. – 2011/65/EÚ

2015/863/EU, EN IEC 63000:2018

Podpis:

S.Y. Shian, Výkonný riaditeľ/CEO

Miesto vydania:

Taipei, Taiwan

Dátum vydania:

02/06/2021

1 of 2

[Turkish] CE statement

EU Uygunluk Beyanı



Biz, bu imza altındakiler

Üretici:

ASUSTeK COMPUTER INC.

Adres:

1F., No. 15, Lide Rd., Beitou Dist., Taipei City 112, Taiwan

Avrupa'daki Yetkili:

ASUS COMPUTER GmbH

Adres, Şehir:

HARKORT STR. 21-23, 40880 RATINGEN

Ülke:

GERMANY

Aşağıdaki ürünleri beyan ediyoruz:

Ürün adı:

Powerline AX1800 Dual-band Router

Model adı:

XP4, XP4R, XP4 Router, XP4N, XP4N, XP4 Node

Ek bilgi: ANNEX I

Yukarıda belirtilen beyanın konusu birlik yasalarına göre uygundur:

Telsiz Donanım Direktifi - 2014/53/EU

Madde 3.1a

EN 50385:2017, EN 50412-2-1:2005/AC:2009, EN 50561-1:2013, EN 50665:2017, EN 62311:2008, EN 62368-1:2014/A11:2017

Madde 3.1b

Draft EN 301 489-1 V2.2.0, Draft EN 301 489-17 V3.2.0, EN 55024:2010/A1:2015, EN 55032:2015/AC:2016, EN 55035:2017, EN 61000-3-2:2014, EN 61000-3-3:2013

Madde 3.2

EN 300 328 V2.2.2, EN 301 893 V2.1.1

Radyo Ekipman snf

Classe 2

Ekotasarım Direktif - 2009/125/EC

(EU) 2019/1782, 1275/2008/EC, EU 801/2013

RoHS Direktif - 2011/65/EU

2015/863/EU, EN IEC 63000:2018

İmza:

S.y. Shian, Baş yönetici/CEO

Sürüm yeri:

Taipei, Taiwan

Sürüm tarihi:

02/06/2021

1 of 2

Service and Support

Visit our multi-language website at <https://www.asus.com/support>.

