FAQ:

How to Link ASUS Router to Google Assistant?

Prepare

　1. Please upgrade your firmware version later than **3.0.0.4_386_43588**

　　For the information of how to upgrade firmware, please refer to [Wireless] Upgrade the firmware version of your router

　2. Please install the ASUS router app on your smart phone device first. ASUS Router App newer than iOS 1.0.0.6.38 or Android 1.0.0.6.38 version supports this feature.

　　For the information of how to install the ASUS router app, please refer to [Wireless Router] How to set up ASUS Wi-Fi router via ASUS Router App?
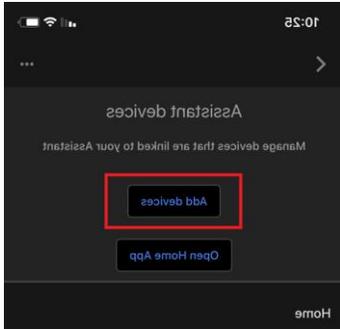
Follow below steps to link Google Assistant and ASUS Router by apps:
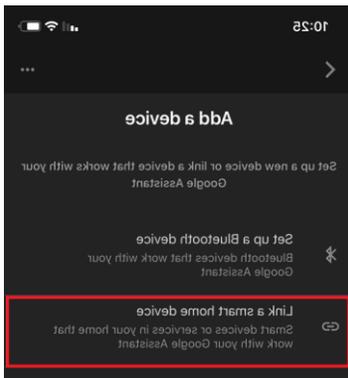
Google Assistant App

1. Open **Google Assistant app** and log in your google account.

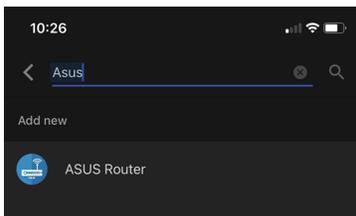2. Click Devices (Manage devices that are linked to your Assistant)
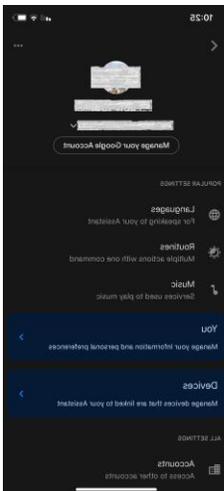
3. Click **Add devices**

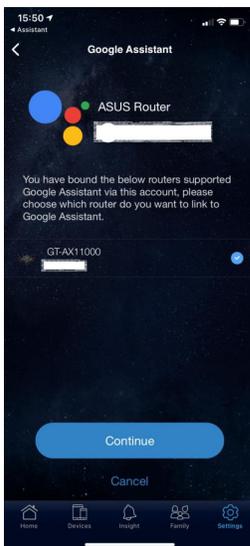4. Click **[Link a smart home devices]**

5. Click the "**glass**" icon and type in "**ASUS Router**". Then tap the searched "**ASUS**"

6. You will be directed to ASUS Router app. Please sign in the social account that used to remote management.

7. After signing in, choose the router you want to control and click continue

8. Now you can control your router through Google Assistant.

Google Home App

1. Open Google Home app and log in your google account

2. Click "**+**" on the up-left corner.

3. Click "**Set up device**"

4. Click "**Works with Google**"

5. Click the "**glass**" icon and type in "**ASUS Router**". Then tap the searched "**ASUS**"
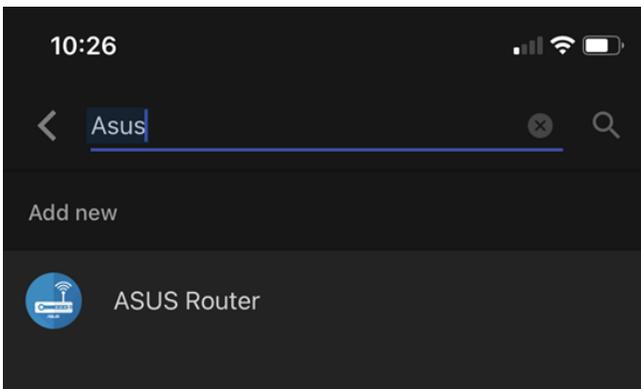
6. You will be directed to ASUS Router app. Please sign in the social account that used to remote management.
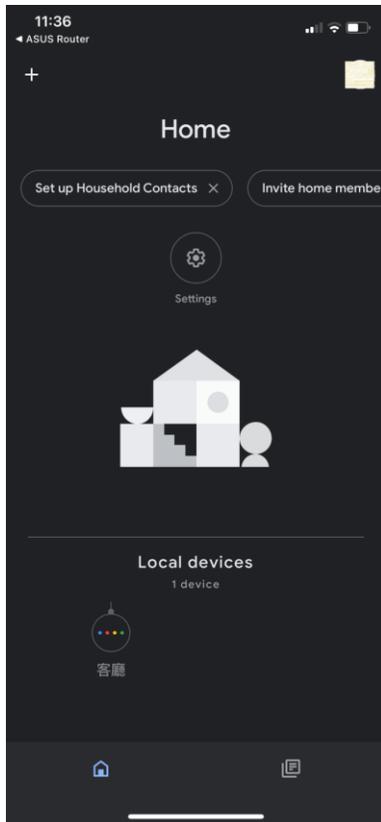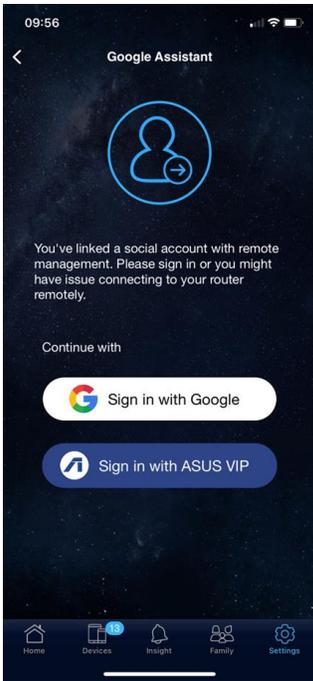
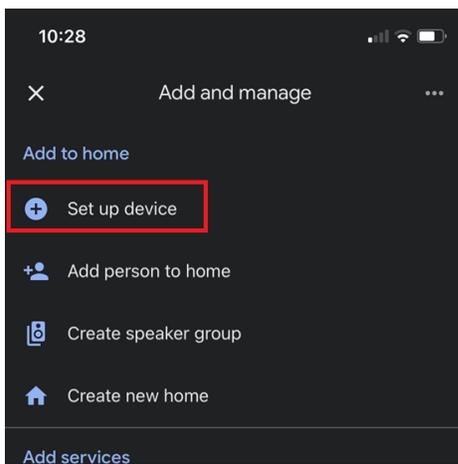7. After signing in, choose the router you want to control and click continue

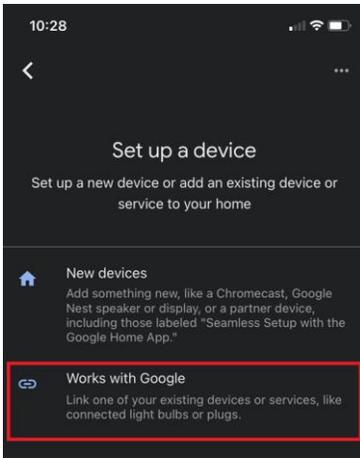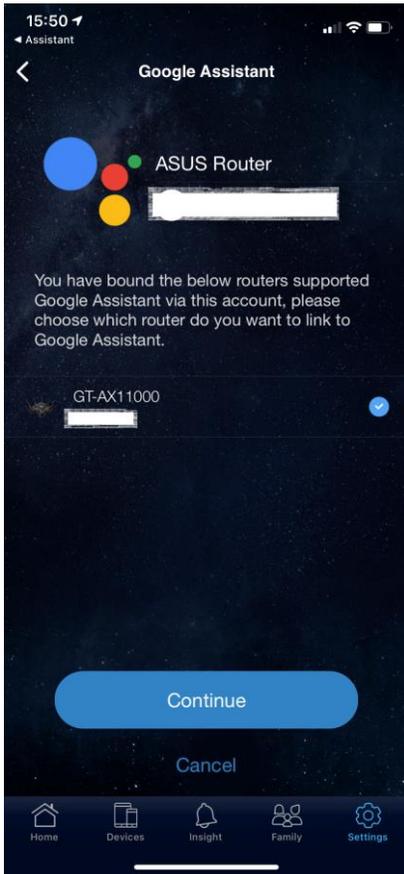8. Now you can control your router through Google Assistant.
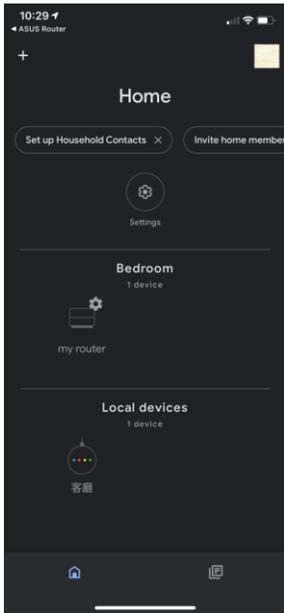
 [Note]

When using Google Assistant, you may need to enter a PIN code to execute some voice commands to avoid damage caused by improper operation. You can change PIN code on the ASUS Router app. By clicking PIN Setting on Settings/Google Assistant to configure.

How to get the (Utility / Firmware)?

You can download the latest drivers, software, firmware and user manuals in the ASUS Download Center.

If you need more information about the **ASUS Download Center**, please refer this link.

What models support to work with Google Assistant?

Please keep your ASUS Router updated to the latest firmware version for the best experience. Currently the ASUS Router skill is supported on the following ASUS Router models

Support model:

- GT-AX11000
- GS-AX3000/ GS-AX5400
- TUF-AX3000/ TUF-AX5400
- RT-AX56U/ RT-AX58U/ RT-AX82U/ RT-AX88U
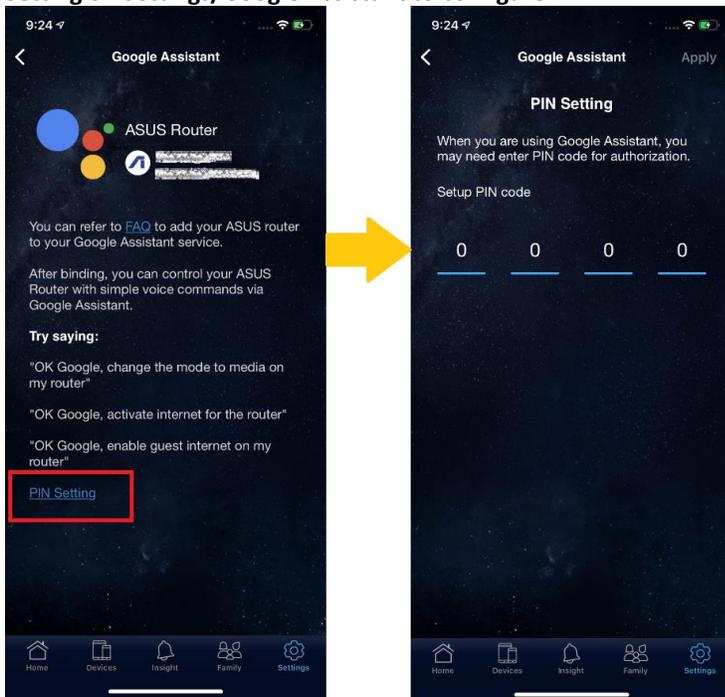
Note: Please upgrade your firmware version later than 3.0.0.4_386_43588

For the information of how to upgrade firmware, please refer to [Wireless] Upgrade the firmware version of your router

How to set up a VPN server on ASUS router –IPSec VPN

What is a VPN?

Virtual Private Network virtual private networks encrypt your network connection, ensuring the secure transmission of important information and preventing your information from being stolen. Allows remote consumers (VPN clients) to securely connect to VPN servers.

VPN has a variety of connection methods, this article with Asus router support IPSec VPN servers to do the setup related to the introduction, and two other supported servers (PPTP VPN,OPENVPN) settings can refer to the following related FAQ. Recommendations can be selected based on the type of VPN supported by your appliance.

For PPTP VPN server settings, please refer to: https://www.asus.com/support/FAQ/114892

For OpenVPN server settings, please refer to: https://www.asus.com/support/FAQ/1008713

The VPN servers supported by ASUS wireless routers vary by model, and it is recommended that you refer to the product user manual or the product specifications page to confirm that your router is supported.

You can download the latest drivers, software, firmware and user manuals in the ASUS Download Center.

If you need more information about the **ASUS Download Center**, please refer this link.

The following setup steps take ZenWiFi XT8 as an example:

Step 1. Connect your computer to ASUS router via Wi-Fi or Ethernet cable.

   Note: Wired connections to computer and router are recommended to avoid setup interruptions due to unstable wireless network signals
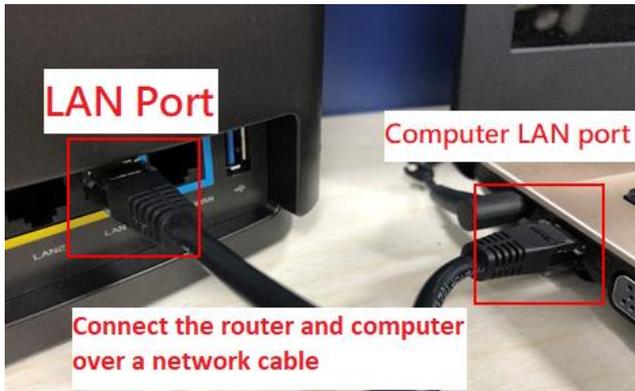
Step2: Open a web browser and navigate to Web GUI (http://router.asus.com).

Enter your login username and password on the login page and then click [**Sign In**].
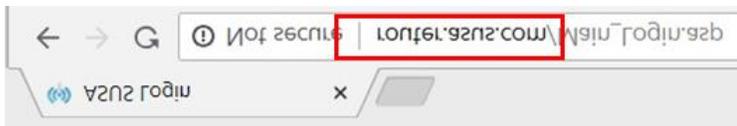
 Note: Please refer to [Wireless Router] How to enter the router's GUI to learn more.

Step3: Go to [**VPN**] -> [**VPN server**] tab, Set **Enable IPSec VPN Server** as [**ON**]
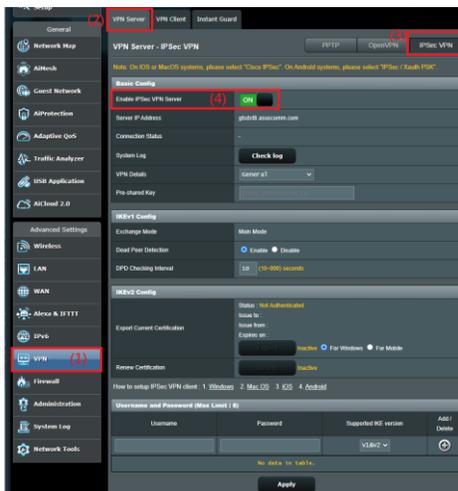
Step4: Fill in [**Pre-shared key**]

This key can be used for a combination of English and numbers of more than 8 words, and this key provides you with a vpn-connected client to connect to, increasing security.
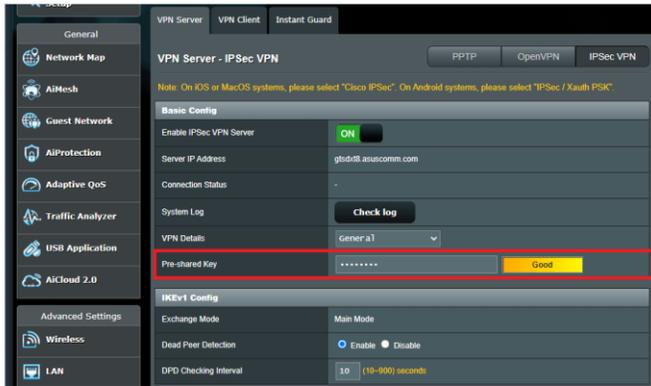
Step5: Enter [**Username**] and [**Password**], You can set up to eight different sets of user names and passwords to your clients
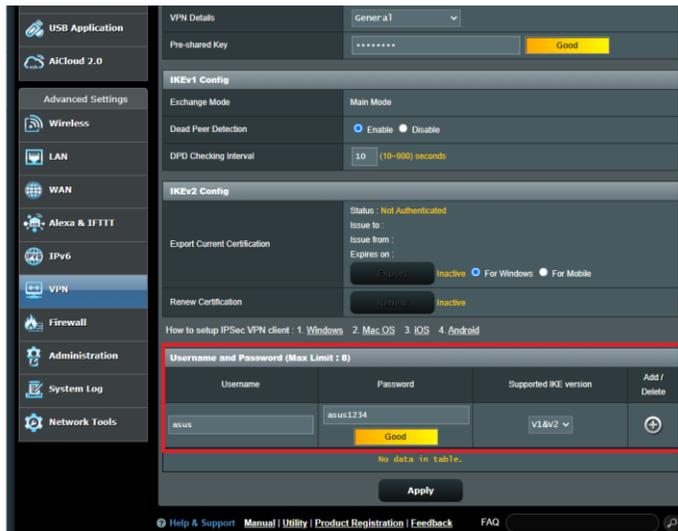
Step6: Click to add a new account and the password is automatically hidden, click [**Apply**] to save.

For information on how to set up an IPSec VPN client, please refer to the following FAQ:

Note: On iOS or MacOS systems, please selet "Cisco IPSec". On Android system, please select "IPSec/Xauth PSK"
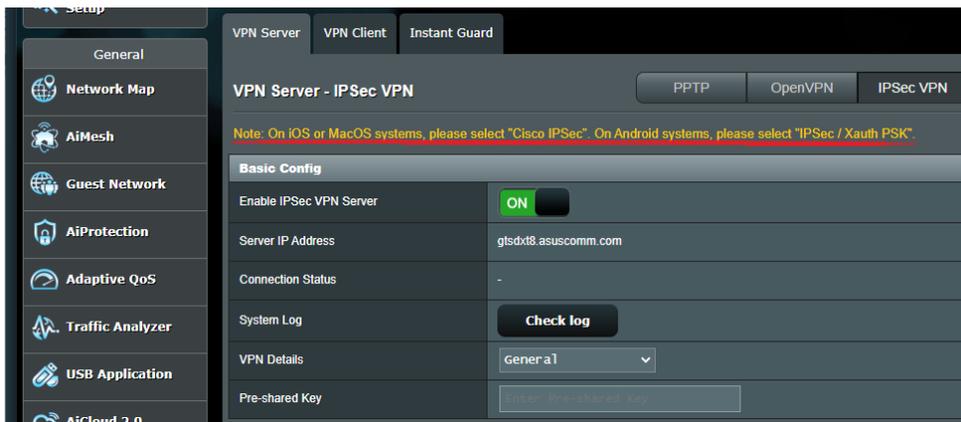
1. [VPN] How to setup IPsec VPN connection in Windows 10?

2. [VPN] IPSec VPN setup on Mac

3. [VPN] IPSec VPN setup on iOS
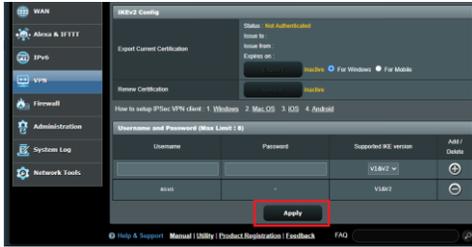
4. [VPN] IPSec VPN setup on Android

FAQ

1. Can't successfully create a VPN connection after setting up the IPSec VPN server?

   (1) If you need to connect to the IPSec VPN server from a remote location, such as when connecting a router's VPN server(at home) from a company via a mobile phone.

      Please check your router for public IP, and if you're not sure about your WAN IP information, we recommend that you contact your Internet Service Provider (ISP) first.

   (2) Check that the IPSec VPN client you want to connect to Pre-shared key and username and password are entered correctly.

   (3) Please make sure the firmware of the router is up to date.

For the information of how to upgrade firmware, please refer to [Wireless] Upgrade the firmware version of your router

How to use WTFast on ASUS Router?

1. When you login to game boost management interface, please choose a Client on the select menu, here will show all clients connected to your router.

2.Click "+" button to add this profile
3. Select a "Game" you want to play, and please also be noted, there are different game servers, for example, if you want to play World of Tanks US server(no matter west or east), you need to select "World of Tank (US)".

How to manually choose a GPN server of WTFast for better connection?

1.Pick a WTFast server close to where you live:

This significantly helps to reduce latency, flux and spikes while you are playing game. If you don't know where your game server is located, this is a SAFE option to pick.

For example, if I live in Taiwan so "TW", "JP" or even "KR" are all good GPNs to try.

2.Pick a WTFast server close to where your game server is:

This generally gives you better reduction for ping, flux and spikes while you are playing game. If you are unsure where your game server is, please select **GPN** close to where you live.

For the best accuracy, we recommend you ask the game provider for the actual location of game server.

For example, if you play World of Tanks (US west server), **choosing a GPN (e.g. DC, CA….)** located in the U.S. might be good.

3.For advanced-paid users, chain connection would be great to try.

We recommend user set up server 1 close to where you live (Choose Best or Sort by Ping), and Server 2 close to the game server.

Please be aware that different combinations of WTFast servers will provide different results. A chained connection will show the best results for reducing ping, flux and spikes because you can control the connection from end to end.

How to ensure an optimal online game connection with Asus router and WTFast?

Here are some tips to help you configure your environment for the best performance of online game:

ØMake sure the firmware of your router is up-to-date.

•We will frequently update WTFast core-module to ensure all connections is good, please update your firmware to the latest version from ASUS website.

ØSwitch from 2.4GHz Wi-Fi to a wired Ethernet or 5GHz Wi-Fi connection

•2.4GHz Wi-Fi connection can be interrupted by other signals easily.

•To have the best gaming experience, wired network will be recommended.

ØTurn off your Anti-Virus temporarily

•You can enable **AiProtection** on the router to protect your network when playing games.

ØHalt the programs which downloads or streams music/video

•Such programs take up huge amounts of bandwidth which can interrupt your gameplay.

•WTFast is designed to only accelerate the game traffic from your computer but extra traffic can still slow down your game, causing a bad connection.

•If you cannot turn off these programs, you could enable **[LAN-boost] ,**which lets game packets go to internet in the first priority when you're playing games.

Ø**Close and terminate any VPN software**

•Using a VPN with WTFast can have negative results to your game connection.

•Halting your VPN when you are gaming helps alleviate issues with unexpected lag caused by server changes from your VPN program

ASUS router Hard Factory Reset - Method 2

ASUS router Hard Factory Reset - Method 2

1. Turn the router off.
2. Press and hold the **"WPS" button** and turn the router on.
3. Power light is **on (keep holding the WPS button).**
4. Release the **WPS button** after the power light is off.
5. Reboot your router by manually pressing the power button.

Find the **WPS button** on your router, kindly refer to the following picture.

Different models might have slight differences. If you have any question, please check the user manual

The following picture takes [**ZenWiFi_XT8**] as an example.