ASUS
IN SEARCH OF INCREDIBLE

Quick Start Guide

RP-AC51
Wi-Fi AC Repeater

FAST Networking Solutions
FARTHEST · EASY · SECURE · TRUSTED
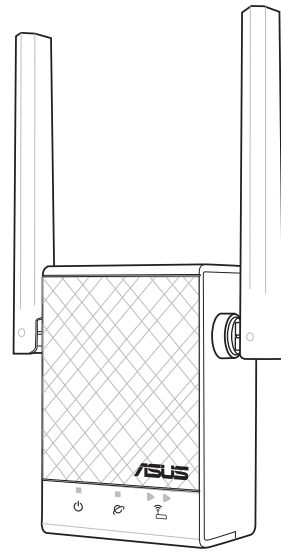
LED explanations

⏻ **POWER**
On: RP-AC51 is power on.
Off: RP-AC51 is power off.

EXISTING NETWORK
On: Connected to the router/AP.
Off: Not connected to the router/AP.

▶ **MOVE CLOSER**
Need to move RP-AC51 closer to the router/AP.

▶▶ **MOVE AWAY SLIGHTLY**
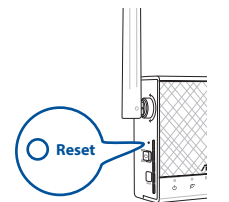Need to move RP-AC51 slightly away from the router/AP.
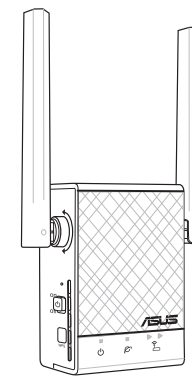
Button explanations

⏻ **POWER SWITCH**
Switch this button on/off to turn RP-AC51 on/off.

WPS **WPS BUTTON**
Press this button to quickly connect to the router/AP via the WPS method.
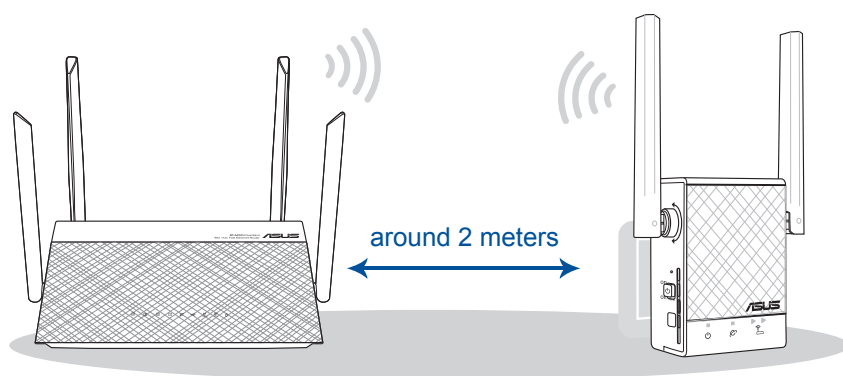
RESET BUTTON
Use a pin to push this button to reset RP-AC51 to its factory default settings.

◯ Reset

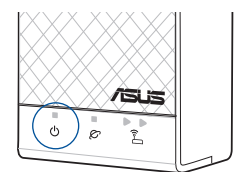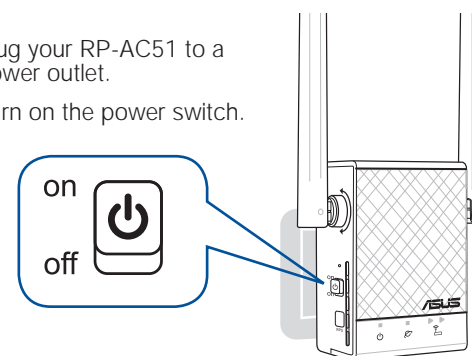# BEFORE SETUP | WE SUGGEST...

01 Placing your RP-AC51

❶ Place your RP-AC51 near your router/AP.

❷ Check the LEDs and see the LED explanations.

around 2 meters

02 Power On

❶ Plug your RP-AC51 to a power outlet.

❷ Turn on the power switch.

on
off

Wait until the power LED turns blue, indicating that your RP-AC51 is ready to connect to your existing router/AP.
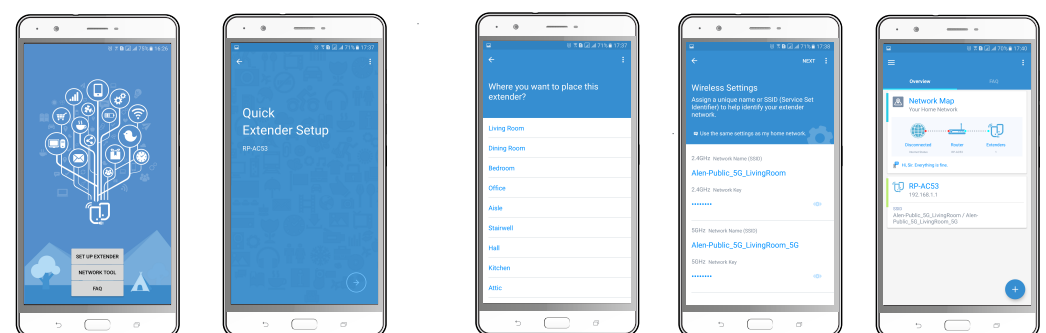

SETUP METHODS

METHOD 1 | APP SUPPORT

01 Download the app

ASUS Extender

GET IT ON
Google Play

Download on the
App Store

🔍 **ASUS Extender**

02 Use the app

Quick Extender Setup
RP-AC51

SET UP EXTENDER
NETWORK TOOL
FAQ

Where you want to place this extender?
Living Room
Dining Room
Bedroom
Office
Aisle
Stairwell
Hall
Kitchen
Attic

Wireless Settings
Assign a unique name or SSID (Service Set Identifier) to help identify your extender network.
■ Use the same settings as my home network.
2.4GHz Network Name (SSID):
Alien-Public_5G_LivingRoom
2.4GHz Network Key:
5GHz Network Name (SSID):
Alien-Public_5G_LivingRoom_5G
5GHz Network Key:

Network Map
Your Home Network
RP-AC51
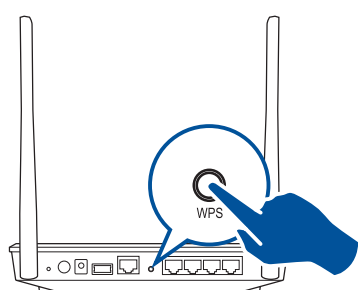Alien-Public_5G_LivingRoom / Alien-Public_5G_LivingRoom_5G

❶ Tap **SET UP EXTENDER**.

❷ Open your phone Wi-Fi, and connect to your RP-AC51's SSID.

❸ Follow the Quick Extender Setup instructions.

❹ Assign a unique network name (SSID) for your extended network.
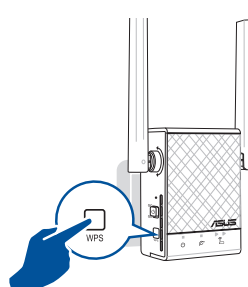
❺ Wait until the setup is completed.

METHOD 2 | WPS SUPPORT

01 Connect via WPS

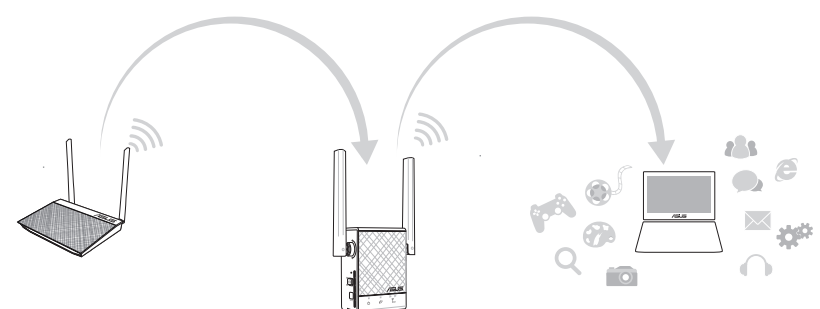❶ Press the WPS button on your router/AP.

❷ Press the WPS button on your RP-AC51 for more than two (2) seconds until the power LED starts to blink.

NOTE: Wait until the existing network LED blinks for about two (2) minutes, then turns solid blue, indicating the WPS process is completed.
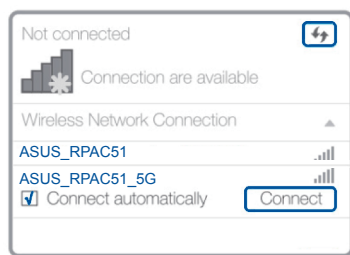
02 Enjoy Wi-Fi

Your RP-AC51's wireless network name (SSID) changes to your existing Wi-Fi network name, ending with **_RPT** or **_RPT5G** and shares your router/AP's Wireless Password.
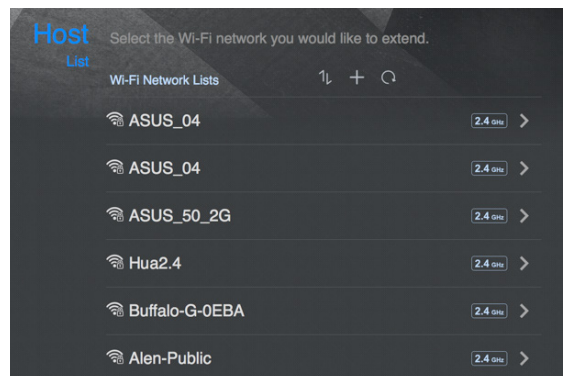
METHOD **3** WEB SUPPORT

01 Connect

NOTE: The screenshot below is from a desktop PC.

Not connected
Connection are available
Wireless Network Connection
ASUS_RPAC51
ASUS_RPAC51_5G
☑ Connect automatically   Connect

Disconnect your Ethernet (wired) connection from your computer. Click the Wi-Fi icon on the taskbar and connect to RP-AC51's network: **ASUS_RPAC51** or **ASUS_RPAC51_5G**.
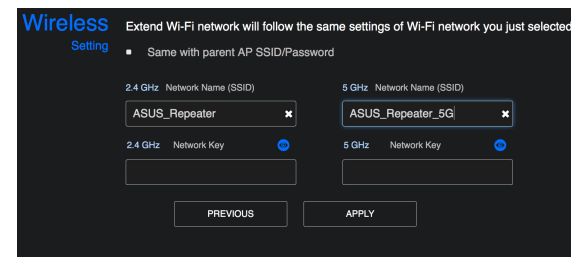
02 Extend

❶ On a web browser, enter **http://repeater.asus.com**.
❷ Set a unique repeater login name and password.
❸ Select the existing network you want to extend.

Host
List   Select the Wi-Fi network you would like to extend.
Wi-Fi Network Lists
ASUS_04   2.4 GHz >
ASUS_04   2.4 GHz >
ASUS_50_2G   2.4 GHz >
Hua2.4   2.4 GHz >
Buffalo-G-0EBA   2.4 GHz >
Alen-Public   2.4 GHz >

03 Configure

❶ Tick **Same with Parent AP SSID/Password** to copy the router/AP's SSID and password for your extended network. You could also set a unique SSID and password for your extended network by typing in the text box. When done, click **Apply**.

Wireless
Setting   Extend Wi-Fi network will follow the same settings of Wi-Fi network you just selected.
▪ Same with parent AP SSID/Password
2.4 GHz Network Name (SSID)   5 GHz Network Name (SSID)
ASUS_Repeater ✕   ASUS_Repeater_5G ✕
2.4 GHz Network Key   5 GHz Network Key

PREVIOUS   APPLY

RELOCATION   FIND THE BEST PLACE

After a successful setup

Place your RP-AC51 between your router/AP and wireless device to get the best performance.

▶▶ MOVE CLOSER
Need to move RP-AC51 closer to the router/AP.

▶▶ MOVE AWAY SLIGHTLY
Need to move RP-AC51 slightly away from the router/AP.

45°   45°
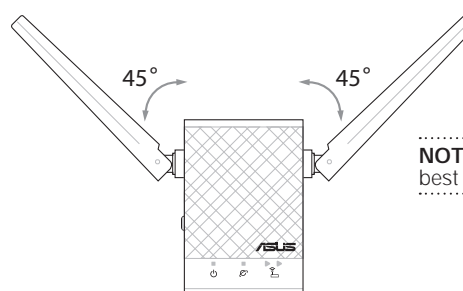
NOTE: Orient the two antennas at 45° angle for the best performance.

NOTE: To minimize maintenance, keep your RP-AC51 away from devices such as cordless phones, Bluetooth devices, and microwave ovens.
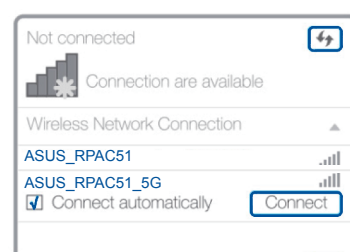
IMPORTANT! We recommend that you place your RP-AC51 in open or spacious location.

AP MODE   AP MODE SETUP

01 Connect

NOTE: The screenshot below is from a desktop PC.

Not connected
Connection are available
Wireless Network Connection
ASUS_RPAC51
ASUS_RPAC51_5G
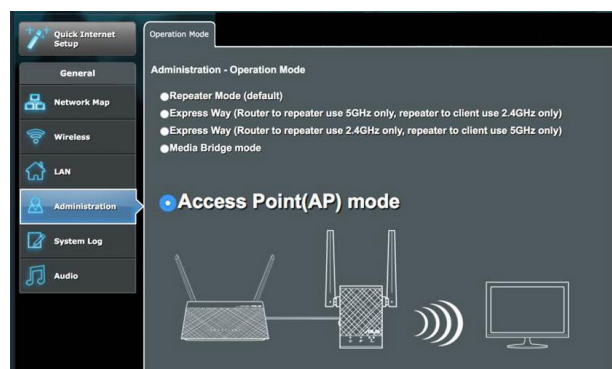☑ Connect automatically   Connect

Disconnect your Ethernet (wired) connection from your computer. Click the Wi-Fi icon on the taskbar and connect to RP-AC51's network: **ASUS_RPAC51** or **ASUS_RPAC51_5G**.

02 Log in

❶ Enter your login account and password.
❷ From your RP-AC51's web interface, click **Administration**, and select **Access Point mode**.

NOTE: You can also change to different modes from this page.

Quick Internet Setup
General
Network Map
Wireless
LAN
Administration
System Log
Audio

Operation Mode
Administration - Operation Mode
●Repeater Mode (default)
●Express Way (Router to repeater use 5GHz only, repeater to client use 2.4GHz only)
●Express Way (Router to repeater use 2.4GHz only, repeater to client use 5GHz only)
●Media Bridge mode
●**Access Point(AP) mode**

03 Setup

❶ Set up the network name (SSID) and click **Apply**.
❷ After your RP-AC51 has rebooted, connect your RP-AC51 and router/AP using an Ethernet cable.

Ethernet connection
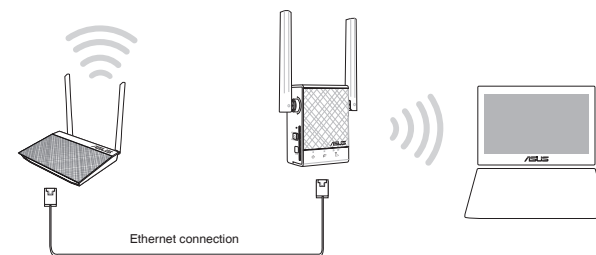
FAQ   FREQUENTLY ASKED QUESTIONS

Q1 What should I do if my router does not support WPS?
A: You can use Method One or Method Three to set up your RP-AC51.

Q2 Why is it that the LED indicator for the current network does not light up after the Wi-Fi setup is complete?
A: You may have entered the wrong password for the router/AP. Please restart your RP-AC51, enter the correct password, and try to set up your RP-AC51 again.

Q3 Why is it that I cannot see the login page after entering http://repeater.asus.com in the browser?
A: Ensure that your computer is connected to your RP-AC51 network only, and set your computer to Obtain an IP address automatically. If you still cannot find the login page, please download the ASUS Device Discovery utility.

Q4 How do I reset RP-AC51?
A: Press the RESET button on the side of RP-AC51 for about two (2) seconds. Wait for about five (5) seconds until the existing network LED blinks slowly.