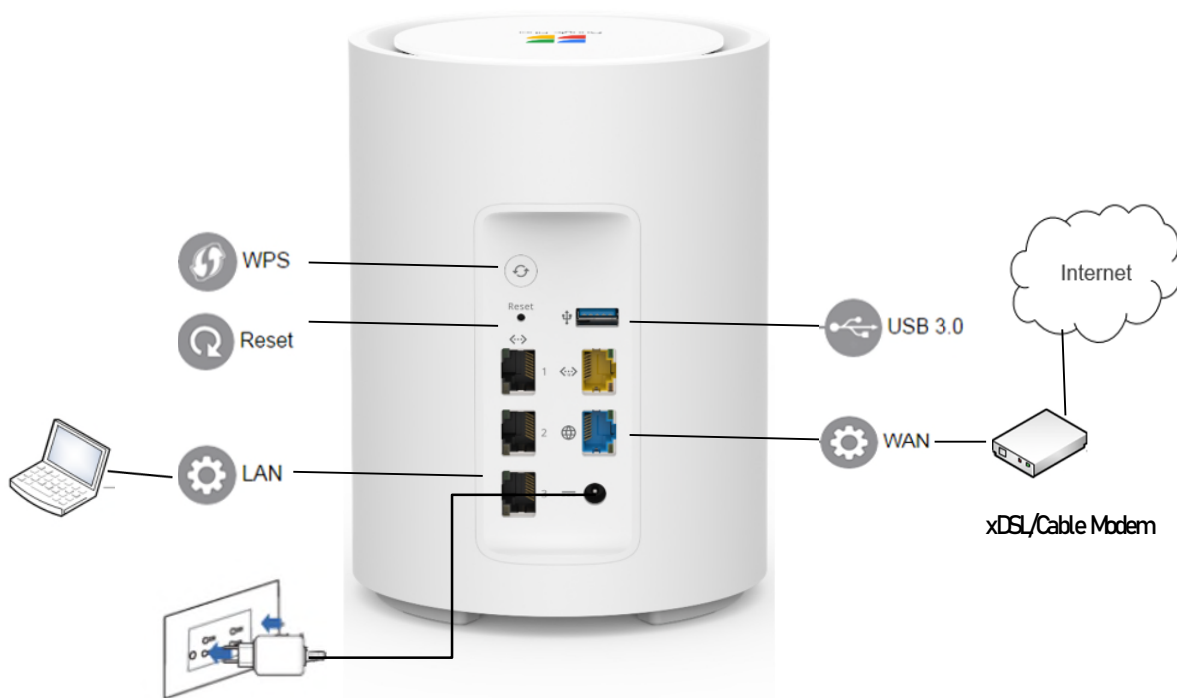


**Google Fiber**  
**Wi-Fi 6E Router**  
**(RT5035W)**  
**Quick User Guide**

# 1. Router Setup



1. Insert your RT5035W's AC adapter to the DC-IN port and plug it to a power outlet.
2. Using a network cable to connect your computer with the RT5035W's LAN port.
3. Connect another Ethernet cable from broadband Modem such as cable Modem or xDSL/Cable Modem to RT5035W's Internet (WAN) port.
4. Configure RT5035W to access the Internet via Web GUI.

## 2. LED

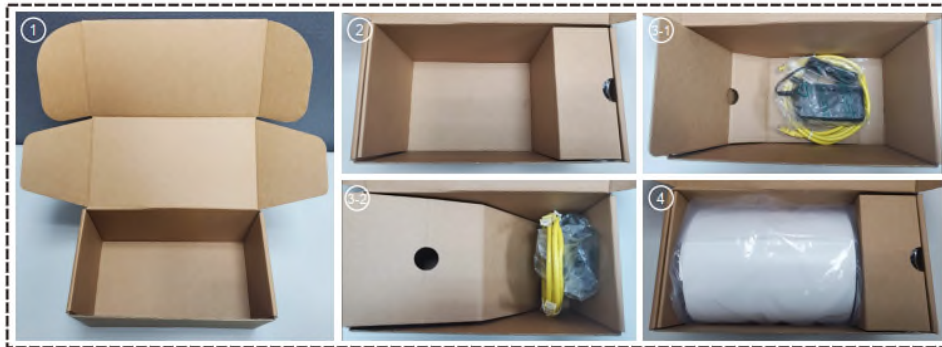
Function	LED Behavior	Device Status
Power	Blink green	Device booting
	Solid green	Power on, everything working
	Blink red until bootup process starts, then "Device booting" state (blink green)	Factory reset
	Solid Red	Hardware failure
	Blink green	Firmware upgrade in progress
	Off	Power off

Function	LED Behavior	Device Status
Internet	Solid red	WAN Link down (WAN cable unplugged/ethernet link down)
	Solid red	DHCP discover failed (after 1 minute timeout)
	Solid green	Registered with ACS
	Solid Red	Failure to register with ACS
Wi-Fi	Solid yellow	Wi-Fi disabled by user
	Blink green	2.4Ghz only up [expected state during DFS scan]
	Solid green	All frequencies up
	Solid Red	Wi-Fi problem

Function	LED Behavior	Device Status
WPS (doubles as a button)	Off	Mesh network not configured
	Off	Waiting to be paired (Currently unconfigured; user action needed)
	Blink white	WPS pairing in progress
	Solid green	Pairing successful
	Off	Mesh network expected extender disconnected
	Solid red for 15 seconds, then back to "Waiting to be paired" state	WPS pairing failed

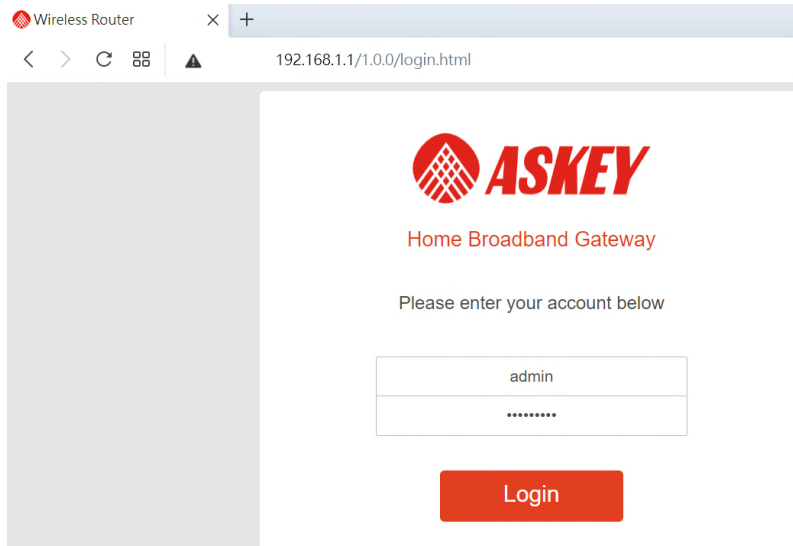
### 3. Package .

1. One RT5035W .
2. One Adapter 12.5V .
3. One Ethernet Cable.

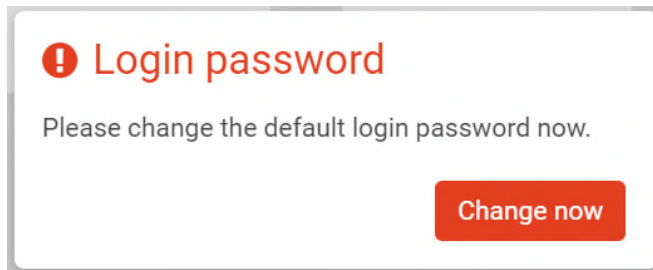


## 4. Quick Internet and WiFi Setup

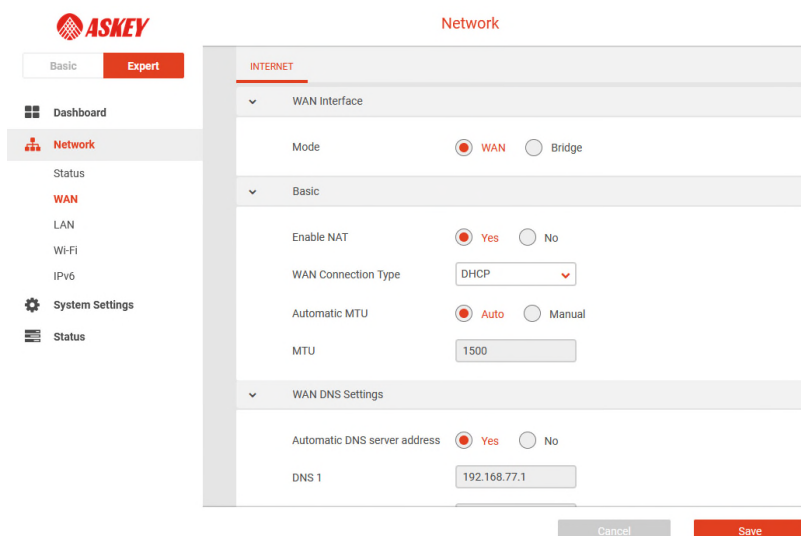
1. On your web browser, manually key in the RT5035W's default IP address: https://192.168.1.1.
2. Enter the default username (admin) and password (admin@123).



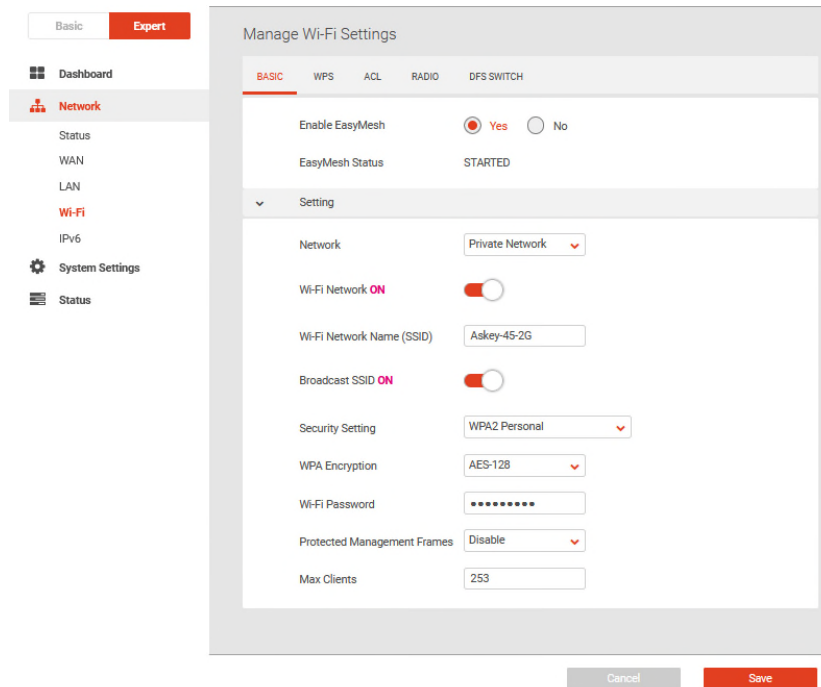
3. Click Change now to change the default login password .



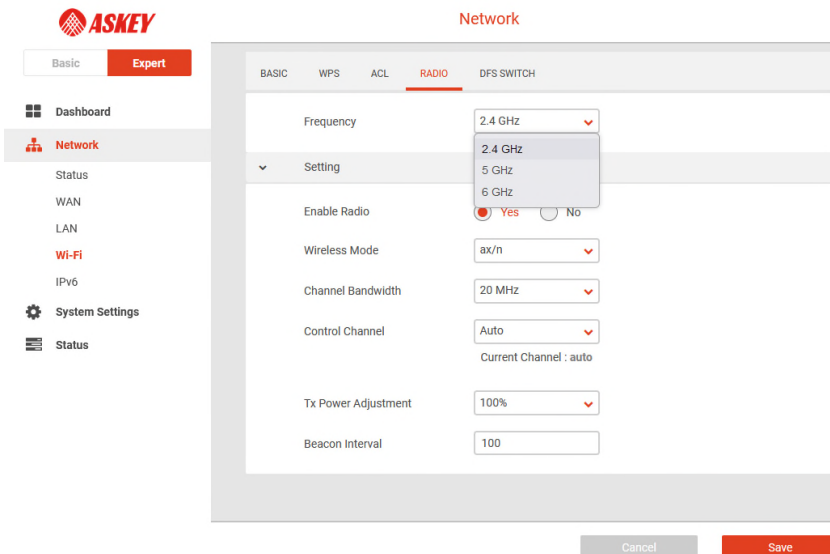
4. Log into the Web GUI and Click on “Expert / Network / WAN ”. Select WAN Connection Type , Dynamic IP, PPPoE, PPTP, L2TP or Static IP. Key in the necessary information for your ISP connection type to configure your RT5035W to connect to the Internet. Click Save .



- Click on “Expert / Network / WiFi /Basic ”. Turn on WiFi Network and Enable EasyMesh then assign the wireless network name (SSID) and security key for your 2.4GHz and 5 GHz and 6 GHz wireless connection. Click Save when done .

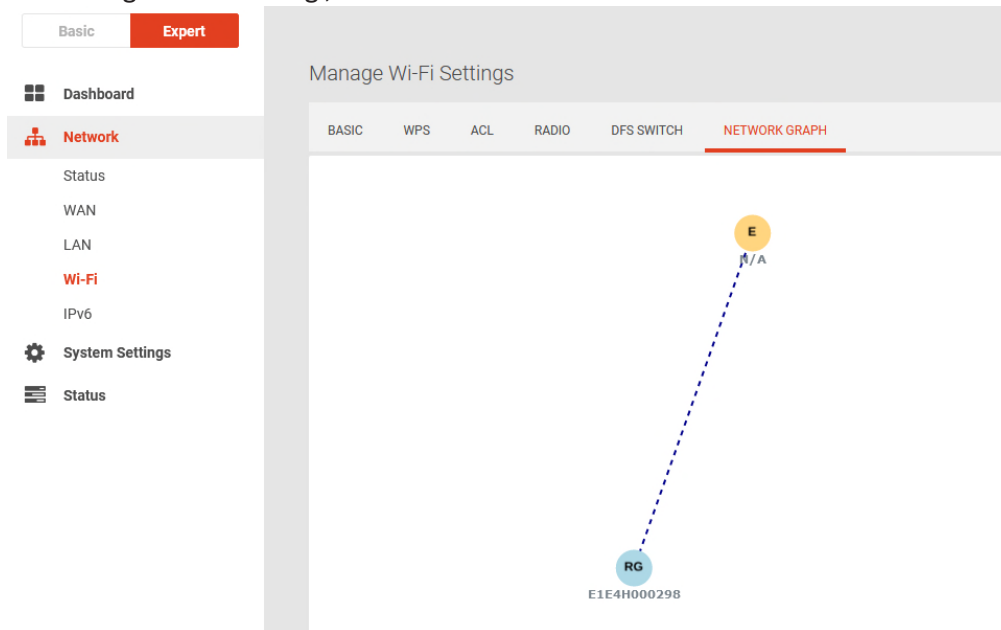


- Click on “Expert / Network / WiFi Radio”. Select the wireless Mode , Band Width and Control Channel for your 2.4GHz and 5 GHz and 6 GHz wireless connection. Click Save when done .

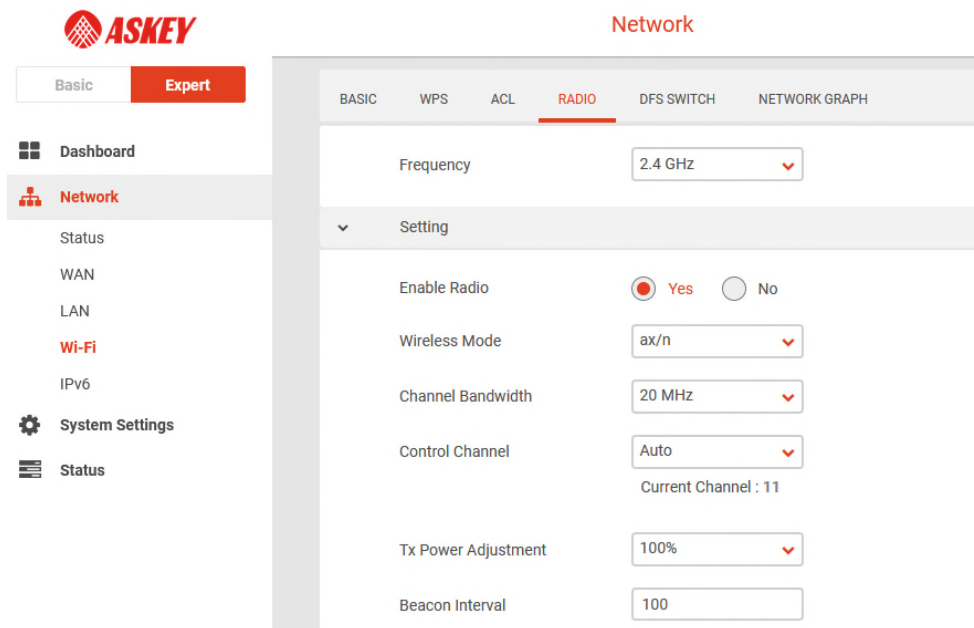


7. WPS pairing , By click RT5035W's and AP5692W's WPS button . Waiting for 2 minutes .  
Wait AP5692W connected to RT5035W by Mesh .

8. Manage Mesh Setting , click Network Wi-Fi NETWORK GRAPH . Check Mesh is connected .



9. Wi-Fi Radio , Change Wi-Fi radio 2.4GHz , 5GHz , 6GHz mode , bandwidth , Channel ..



10. DFS Switch , Enable or Disable DFS channel .

The screenshot shows the ASKEY Network configuration interface. The 'Expert' tab is selected. The 'Manage Wi-Fi Settings' section is active, with the 'DFS SWITCH' sub-tab highlighted. The 'Frequency' is set to '5 GHz'. The 'DFS Channel Usage' is set to 'Disable' (indicated by a red radio button).

11. DHCP , click DHCP LEASE , Check Status .

The screenshot shows the ASKEY Status configuration interface. The 'Expert' tab is selected. The 'Status' section is active, with the 'DHCP LEASE' sub-tab highlighted. A table displays the DHCP lease information:

MAC	IP	Hostname
80:78:71:12:ea:8d	192.168.1.129	E1E4J000087
30:5a:3a:7c:5d:66	192.168.1.163	DESKTOP-5LELB88

12. Status wireless . Check Wi-Fi Client Status .

The screenshot shows the ASKEY Status configuration interface. The 'Expert' tab is selected. The 'Status' section is active, with the 'WIRELESS' sub-tab highlighted. The '5GHZ CLIENTS' sub-tab is also highlighted. The interface displays the status of two wireless interfaces:

```

interface 1:
ath1 IEEE 802.11axa ESSID:"Askey-2983C-5G"
Mode:Master Frequency:5.3 GHz Access Point: 74:93:DA:3B:FD:3A
Bit Rate:4.8039 Gb/s Tx-Power:24 dBm
RTS thr:off Fragment thr:off
Encryption key:34EE-3B35-3B83-B6A0-CF25-8C35-DC60-DCE4 Security mod
Power Management:off
Link Quality=0/94 Signal level=-88 dBm Noise level=-88 dBm (BDF ave
Rx invalid mwid:1377 Rx invalid crypt:0 Rx invalid frag:0
Tx excessive retries:0 Invalid misc:0 Missed beacon:0

Stations List
-----
ADDR AID CHAN TXRATE RXRATE RSSI MINRSSI MAXRSSI

interface 2:
ath13 IEEE 802.11axa ESSID:"EasyMesh-2983C-bbss"
Mode:Master Frequency:5.3 GHz Access Point: 7A:93:DA:3B:FD:3A
Bit Rate:4.8039 Gb/s Tx-Power:24 dBm
RTS thr:off Fragment thr:off
    
```



13. Login AP5692W WEB GUI , Enter default admin and admin@1234



GE6E210A

Login

admin

.....

Login

14. Check RE wifi information .

**ASKEY** Firmware Version v0.0.3-D Build D\_230602-429

System Time: Tue Aug 01 2023 01:51:03  
System Has Been Up for: 03 days, 16 hours, 35 mins.

**Connection Status**

**Internet**  
Status: **Connected**  
IPv4 Address: 192.168.1.129  
IPv6 Address: No IP Address

**WiFi**  
2.4 GHz Status: **Disabled**  
5 GHz Status: **Disabled**  
6 GHz Status: **Disabled**  
Network Name (SSID):  
WiFi (2.4GHz) Name:  
Network Key: Show  
WiFi (5GHz) Name:  
Network Key: Show  
WiFi (6GHz) Name:  
Network Key: Show

**Connected Devices**  
Number of Devices: 2

15. About wireless . Check wireless .

**ASKEY** Firmware Version v0.0.3-D Build D\_230602-429

System Time: Wed Aug 02 2023 01:54:30  
System Has Been Up for: 0 day, 18 hours, 59 mins.

**Wireless**

2.4 GHz WiFi Network  Enable

5 GHz WiFi Network  Enable

6 GHz WiFi Network  Enable

Apply Cancel

16. Statistics , check TX and RX packets .

**ASKEY** Firmware Version v0.0.3-D Build D\_230602-429

System Time: Wed Aug 02 2023 01:55:30  
System Has Been Up for: 0 day, 19 hours, 0 min.

**Packet Statistics**

Interface	Transmit		Receive	
	Packets	Errs	Packets	Errs
LAN Port 1	0	0	0	0
LAN Port 2	0	0	0	0
2.4G	600683	23	556019	9
5G	0	0	0	0
6G	0	0	0	0

Refresh

## 17. Status .

General

Advanced Settings

- Wireless
- Administration
- Statistics
- About

System Information

Model	GE6E210A
Serial Number	E1E4J000087
Software Version	v0.0.3-D build D_230602-429
Release Date	2023-06-02 12:12
Base MAC Address	80:78:71:12:EA:8D
2.4G MAC Address	80:78:71:12:EA:8A
5G MAC Address	80:78:71:12:EA:8B
IPv4 Address	192.168.1.129
IPv6 Address	No IP Address
System Time	2023-08-02 01:56:00 00:00:14
System Has Been Up for	0 day, 19 hours, 0 min.

Click the **Refresh** button to update the status.

**Refresh**

## 5. Firmware upgrade

1. Click on “Expert / System Settings / Firmware ”. Click Select File then select firmware file from your PC or NB then click Upgrade .

ASKEY

System Settings

Basic Expert

Dashboard

Network

System Settings

- Password & Timezone
- Reboot
- Configuration & Reset
- Firmware
- ACS

Status

Manage System Settings

PASSWORD & TIMEZONE REBOOT CONFIGURATION & RESET **FIRMWARE** ACS

Firmware Information

Product ID	
Hardware Version	Unknown
Firmware Version Installed	1.0.0

Upgrade Manually

Upgrade from File No file selected **Select File** **Update**

## 6. Regulatory Compliance Notices

### Class B Equipment

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.

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

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

(1) This device may not cause harmful interference, and

(2) this device must accept any interference received, including interference that may cause undesired operation.

For product available in the USA/Canada market, only channel 1~11 can be operated. Selection of other channels is not possible.

The operation of this device is prohibited on oil platforms, cars, trains, boats, and aircraft, except that operation of this device is permitted in large aircraft while flying above 10,000 feet.

Operation of transmitters in the 5.925-7.125 GHz band is prohibited for control of or communications with unmanned aircraft systems. This device is restricted for indoor use.

**IMPORTANT NOTE:**

**FCC Radiation Exposure Statement:**

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

This product is intended to be supplied by a UL Listed Power Adapter or DC power source marked 'L.P.S' or 'Limited Power Source', rated 12Vdc, 3.5 A and Tma 40°C (min.). If you require further assistance, please contact your Askey Computer Corp representative.