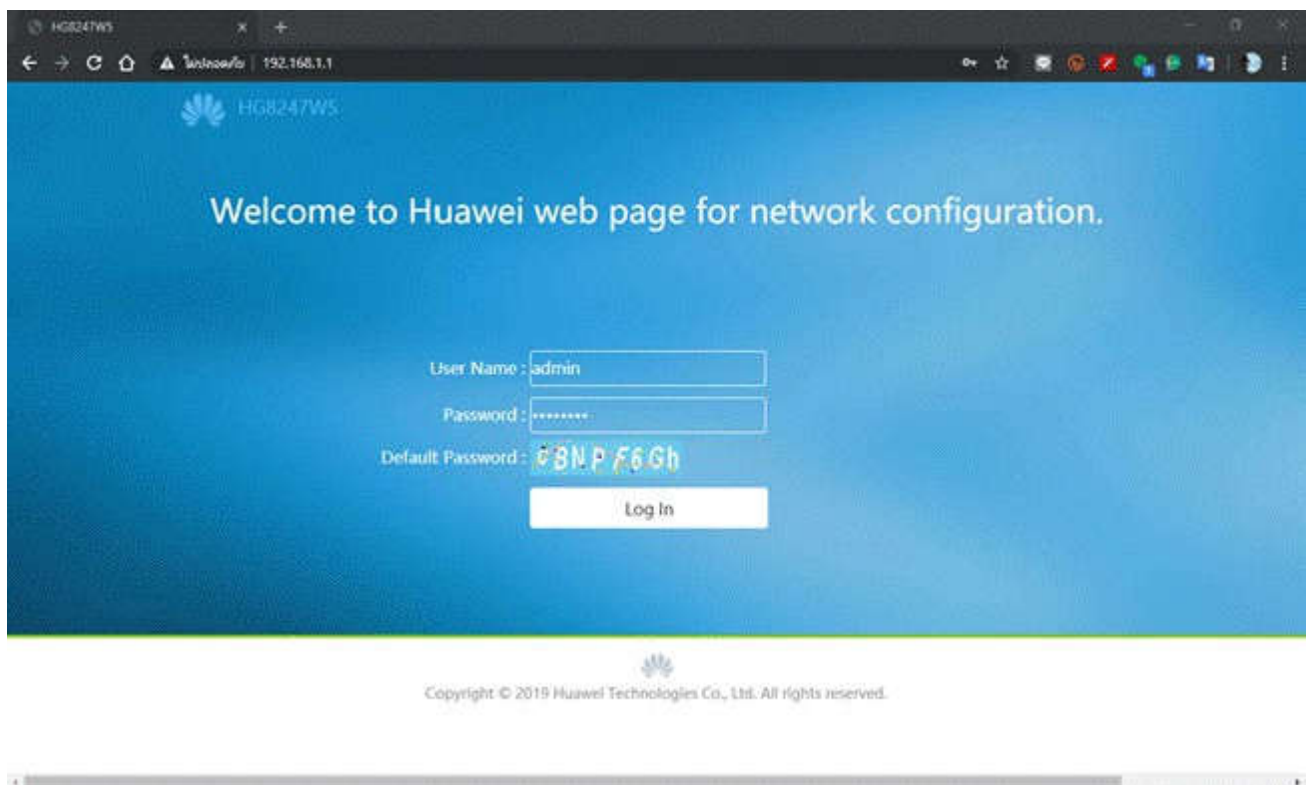


## Wi-Fi Configuration on HUAWEI HG8247W5

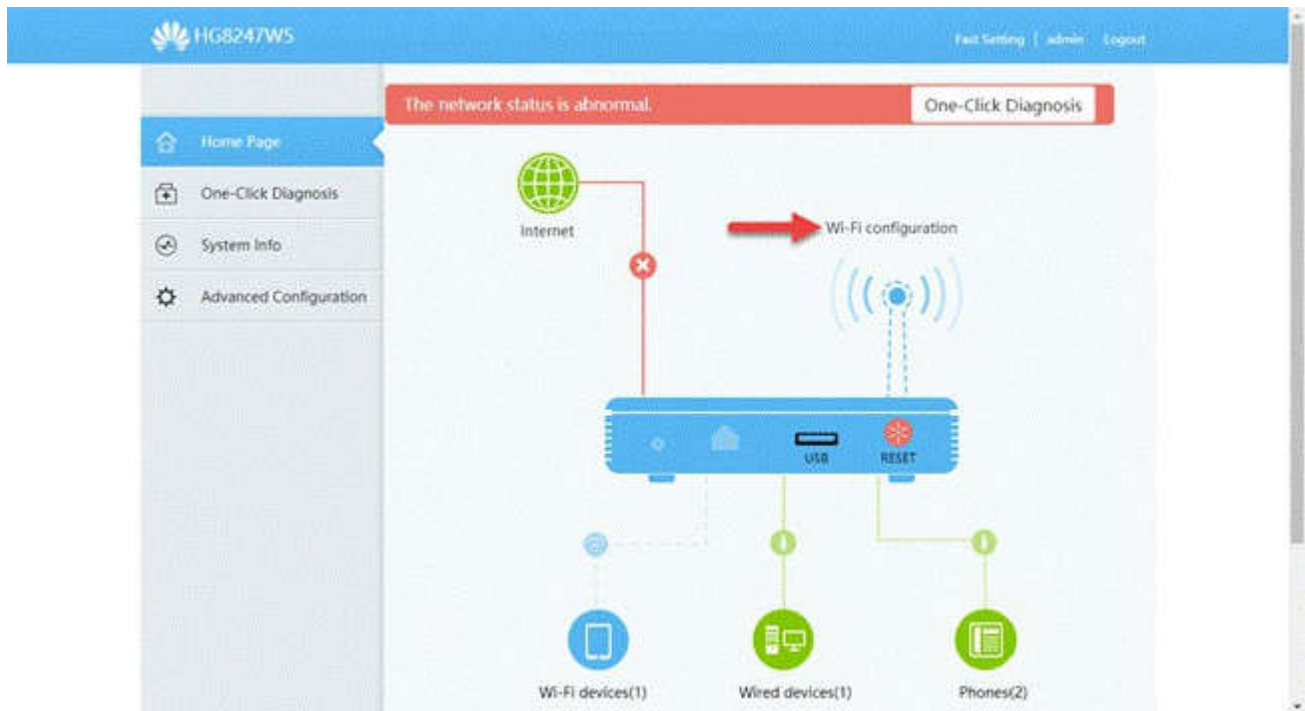
### Log In Configuration page

1. Type 192.168.1.1 then press Enter
2. User Name = admin
3. Password = enter letters as shown in Default Password
4. Press Log In



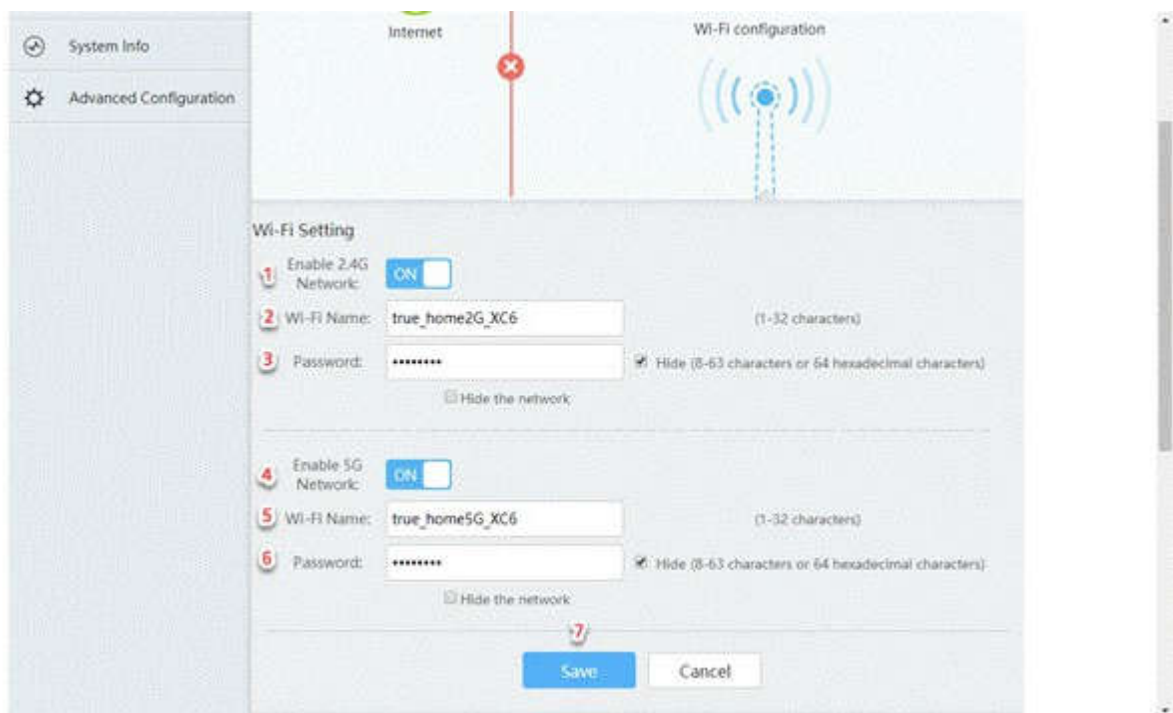
## Basic Configuration

1. At main page, select Wi-Fi Configuration



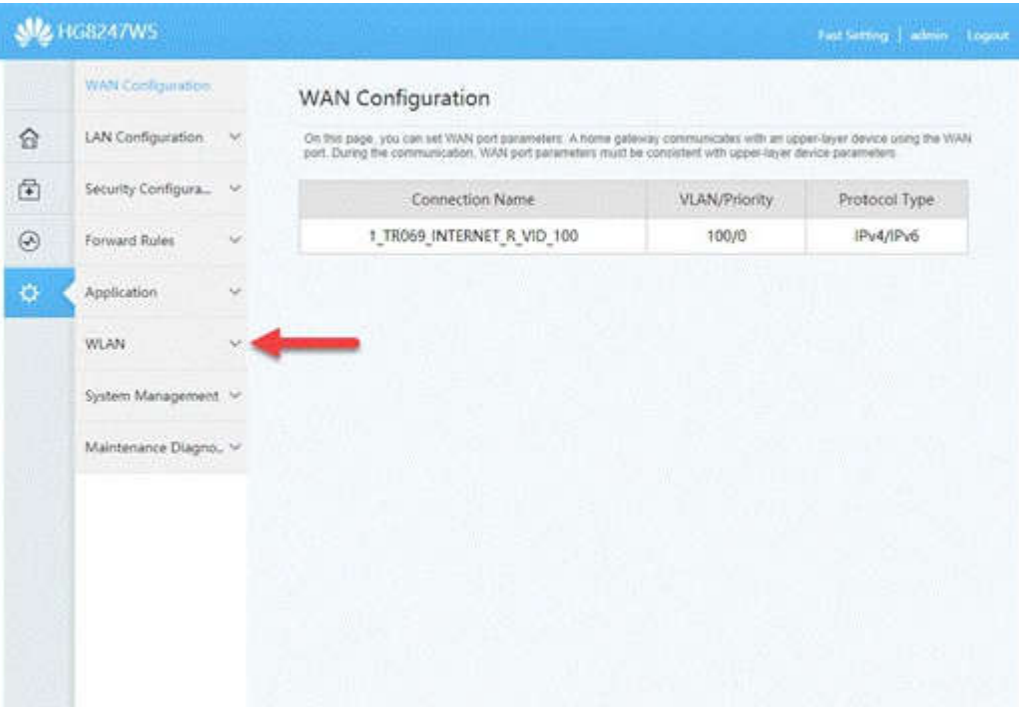
## 2. Set up as follows:

- Enable 2.4G Network : enable/ disable Wi-Fi 2.4G
- Wi-Fi Name : name Wi-Fi 2.4G (can set new name)
- Password : Wi-Fi password (contains 8 – 63 characters)
- Enable 5G Network : enable/ disable Wi-Fi 5G
- Wi-Fi Name : name Wi-Fi 5G (can set new name)
- Password : Wi-Fi password (contains 8 – 63 characters)
- When finished, press Save



## Advanced configuration

### 1. Go to WLAN



The screenshot displays the WAN Configuration page of the Huawei HG8247WS web interface. The left sidebar menu is visible, with 'WLAN' highlighted by a red arrow. The main content area shows the WAN Configuration page with a table of connection details.

WAN Configuration

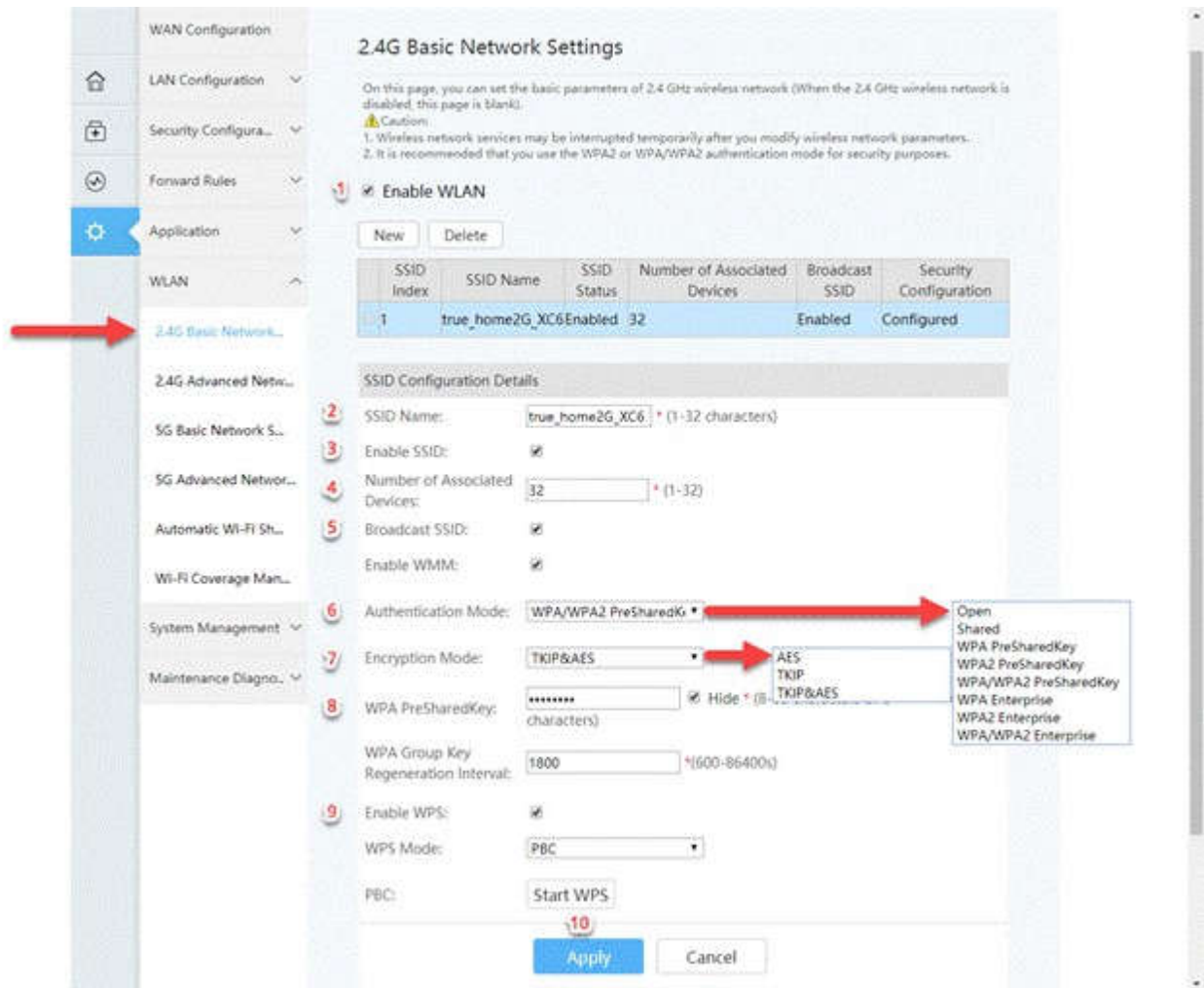
On this page, you can set WAN port parameters. A home gateway communicates with an upper-layer device using the WAN port. During the communication, WAN port parameters must be consistent with upper-layer device parameters.

Connection Name	VLAN/Priority	Protocol Type
1_TR069_INTERNET_R_VID_100	100/0	IPv4/IPv6

## 2. Wi-Fi 2.4G

### 2.4G Basic Network Settings

1. Enable WLAN : tick a check to enable Wi-Fi, remove a check to disable it
2. SSID Name : enter Wi-Fi name (contains 1-32 characters)
3. Enable SSID : tick a check to enable this SSID
4. Number of Associated Devices :
5. Broadcast SSID : tick a check, if want to hide, remove a check
6. Authentication Mode : default is WPA / WPA2 PreSharedKey
7. Encryption Mode : default is TKIP&AES)
8. WPA PreSharedKey : set password (8-63 characters)
9. Enable WPS : enable WPS , to disable it, remove a check
10. When finished, press Apply



## 2.4G Advanced Network Settings

1. TX Power : adjust the strength of Wi-Fi signal, by default is 100%
2. Channel : Automatic , if Router is turned off/ on, Channel will be changed to the best channel, you can manually set the preferred Channel
3. Channel Width : add channel width this will add more Sync Speed but the connected device must support 40Mhz
4. Mode : select 802.11b/g/n , this parameter is compatible with all types
5. When finished, press Apply

HG8247W5 Fast Setting | admin | Logout

WAN Configuration

LAN Configuration

Security Configura...

Forward Rules

Application

WLAN

2.4G Basic Network...

2.4G Advanced Netw...

5G Basic Network S...

5G Advanced Networ...

Automatic Wi-Fi Sh...

Wi-Fi Coverage Man...

System Management

### 2.4G Advanced Network Settings

On this page, you can set the advanced parameters of 2.4 GHz wireless network (When the 2.4 GHz wireless network is disabled, this page is blank).

**Caution:**  
Wireless network services may be interrupted temporarily after you modify wireless network parameters.

#### Advanced Configuration

1 TX Power: 100% 100%  
80%  
60%  
40%  
20%

Regulatory Domain: United States

2 Channel: Automatic Automatic  
1  
2  
3  
4  
5  
6  
7  
8  
9  
10  
11

3 Channel Width: 20 MHz Auto 20/40 MHz  
20 MHz  
40 MHz

4 Mode: 802.11b/g/n 802.11b  
802.11g  
802.11b/g  
802.11b/g/n

DTIM Period: 1 (1-255; default: 1)

Beacon Period: 100 (20-1000 ms; default: 100)

RTS Threshold: 2346 (1-2346 bytes; default: 2346)

Fragmentation Threshold: 2346 (256-2346 bytes; default: 2346)

5

Apply Cancel

### 3. Set up Wi-Fi 5G

#### 5G Basic Network Settings

1. Enable WLAN : tick a check to enable Wi-Fi, remove a check to disable it
2. SSID Name : enter Wi-Fi name (contain 1-32 characters)
3. Enable SSID : tick a check to enable this SSID
4. Number of Associated Devices :
5. Broadcast SSID : tick a check, if want to hide, remove a check
6. Authentication Mode : default is WPA / WPA2 PreSharedKey
7. Encryption Mode : default is TKIP&AES
8. WPA PreSharedKey : set password (8-63 characters)
9. Enable WPS : enable WPS, to disable it, remove a check
10. When finished, press Apply



**5G Basic Network Settings**

On this page, you can set the basic parameters of 5 GHz wireless network (When the 5 GHz wireless network is disabled, this page is blank).

**Caution:**  
 1. Wireless network services may be interrupted temporarily after you modify wireless network parameters.  
 2. It is recommended that you use the WPA2 or WPA/WPA2 authentication mode for security purposes.

**Enable WLAN**

New Delete

SSID Index	SSID Name	SSID Status	Number of Associated Devices	Broadcast SSID	Security Configuration
5	true_home5G_XC6	Enabled	32	Enabled	Configured

**SSID Configuration Details:**

- SSID Name: true\_home5G\_XC6 \* (1-32 characters)
- Enable SSID:
- Number of Associated Devices: 32 \* (1-32)
- Broadcast SSID:
- Enable WMM:
- Authentication Mode: WPA/WPA2 PreSharedKey
- Encryption Mode: TKIP&AES
- WPA PreSharedKey: \*\*\*\*\* Hide (8 characters)
- WPA Group Key Regeneration Interval: 1800 \*(600-86400s)
- Enable WPS:
- WPS Mode: PBC
- PBC: Start WPS

Apply Cancel

## 5G Advanced Network Settings

1. TX Power : adjust the strength of Wi-Fi signal, by default is 100%
2. Channel : Automatic , if Router is turned off/ on, Channel will be changed to the best channel, you can manually set the preferred Channel
3. Channel Width : add channel width this will add more Sync Speed
4. Mode : select 802.11a/n/ac , this parameter is compatible with all types
5. When finished, press Apply

