



Router Configuration Guide

(Version 1.2)

Getting Started:

1. Connect the router's power adaptor to a power supply. The router will then start up automatically and connect to the Internet.
2. Connect your Wi-Fi device to the Wi-Fi network of the router. For the default Wi-Fi name and password, refer to the nameplate on the bottom of the router. If you are using a computer, connect the computer to the LAN port of the router using a network cable.



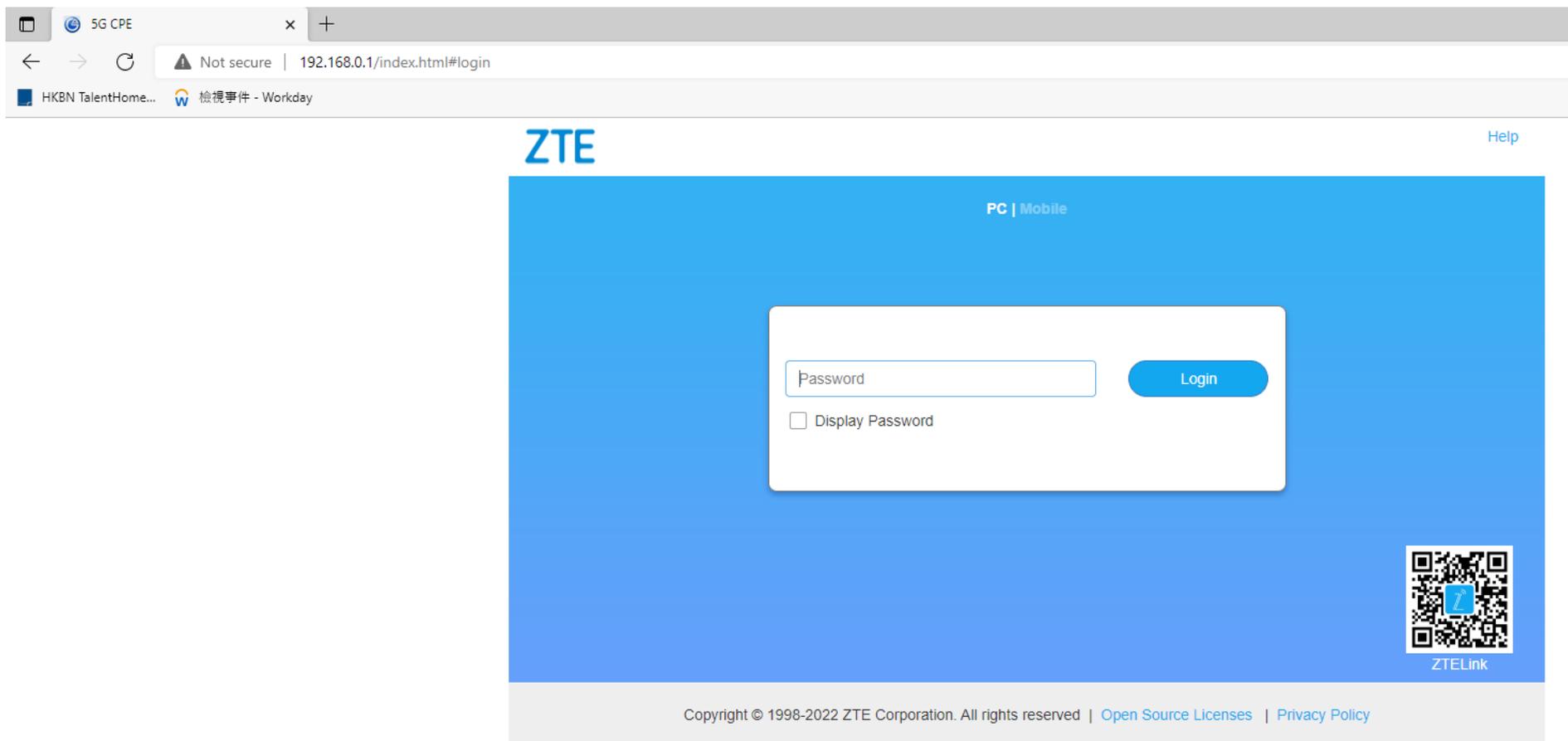
ZTE 5G CPE MC888 - Router Configuration Guide

Basic Setting:

Log in to the web-based management page to manage your router, such as changing the Wi-Fi name or password.

1. Use browser to access **192.168.0.1**.

(The default login password can be found on the nameplate on the bottom of the router.)



2. Accept “Mobile Broadband Devices Privacy Notice”.

Privacy Policy

To provide you with router system update service and to make sure your router devices work properly, the following information needs to be collected:

IMEI, SN and software version of router device.

You may choose to download the latest version and perform update in order to resolve possible risk that the system might have. Meanwhile, you may choose to turn on auto-update feature in order to resolve critical failures that the system might have and to update security patch. This feature is enabled by default. To disable this feature, please go to Advanced Settings > Update on our web-based management page to set it. Besides, updating version will consume mobile data.

In order to allow you to use the CWMP (an Internet protocol) to remotely manage your mobile broadband devices, the operator will collect and process some of your personal information. Your information is controlled and processed by the operator, while ZTE provides only the mobile broadband device.

For more details about your personal information, or any questions about your rights as a data subject or about the processing of your personal data via the operator, please contact the operator.

By tapping ACCEPT you understand and agree to the terms mentioned above. To learn more about privacy protection, please read [ZTE Privacy Policy](#).

REJECT

ACCEPT

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3. Set the Wi-Fi name and password

(Password cannot be less than 8 characters)

The screenshot shows a web browser window with the URL `192.168.0.1/index.html#change_password`. The page features the ZTE logo and navigation links: [Help](#), [Modify Login Password](#), and [Logout](#). A status bar at the top right indicates "Limited Service" and shows icons for signal strength, globe, SIM card, and Wi-Fi. The main content area is titled "Quick Guide" and contains a "Wi-Fi Settings" section. This section includes input fields for "Network Name(SSID) *" (containing "ZTE_C1652F") and "Password *" (containing "*****"). A "Middle" button is positioned to the right of the password field. Below the password field is a checkbox for "Display Password" which is currently unchecked. A link "Use the Wi-Fi settings of the old device >" is present. At the bottom of the settings section, there is a checked checkbox for "Sync to 5GHz Wi-Fi Settings". "Skip" and "Next" buttons are located at the top right and bottom right of the settings panel, respectively. The footer contains the text: "Copyright © 1998-2022 ZTE Corporation. All rights reserved | [Open Source Licenses](#) | [Privacy Policy](#)".

4. Select “Modify Login Password”

Set the device login password



5G 3 [Signal strength icon] [Globe icon] [SIM card icon] [Wi-Fi icon with 1 notification]

[Help](#) [Modify Login Password](#) [Logout](#) English ▾

← Login Password

Current Password *

New Password *

Confirm New Password *

Display Password

When you log in wireless router, need to input this password (password is different from your wireless network password)

5. Basic setting is completed, and the router should work properly.

Reset:

When the router is powered on, use a needle-type object to press and hold the Reset button, until the all the light turn on again. Release the button, and the router will restore to its factory settings.



Important Notes:

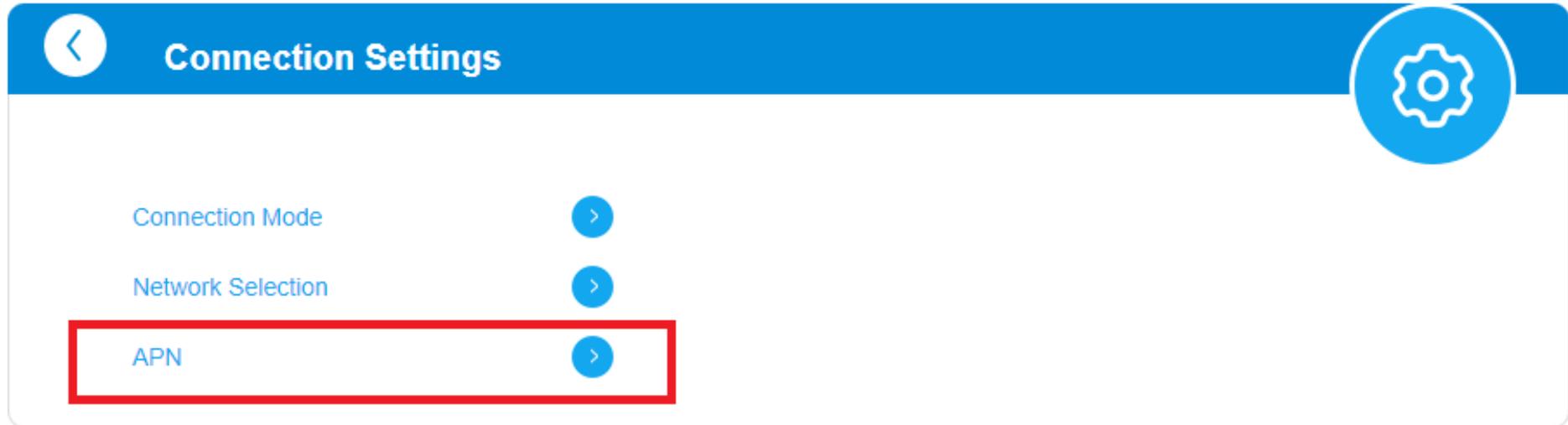
Please do NOT remove the SIM card from card slot. Please do not use the SIM card provided with other devices.

APN Setting for fix IP SIM Card: *(may skip this session with DIP plan)*

Disconnect the network first and select “Settings“ in 5G



Select “APN”



Select “Manual” and fill in the info as stated below:

- **APN = rmvpn512**

Then select “Set as default”, click “Apply” and turn on the connection.

The screenshot displays the APN configuration page on a ZTE 5G CPE MC888 router. The page is titled "APN" and features a blue header with a back arrow and a settings gear icon. The current APN is listed as "3". The "Mode" is set to "Manual", which is highlighted with a red box. The "Profile" is set to "Default", and there is an "Add New" button. The "PDP Type" is set to "IPv4v6". The "Profile Name" is set to "Default". The "APN" field is highlighted with a red box and contains the value "rmvpn512". The "DNS Mode" is set to "Auto". The "Authentication" is set to "NONE". There are empty fields for "User Name" and "Password". At the bottom right, there are two buttons: "Set as default" and "Apply", both highlighted with red boxes. A red text message at the bottom states: "The setting can only be changed when the modem is disconnected." A help icon is visible in the bottom left corner.



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The IP using can be found under “Detail Information” → “WAN IP Address”.

(Need to turn the connection “On”)

SSID 2.4GHz:ZTE_C1652F;SSID 5GHz:ZTE_C1652F...; Help Modify Login Password Logout English

Current Mode: Wireless Broadband Mode Change PC | Mobile

Access device 0
1

My router
5G ON
Settings

Net surfing
00:59:29
17.01Kb/s ↓
20.09Kb/s ↑

Suggested Position Data Usage Advanced

on

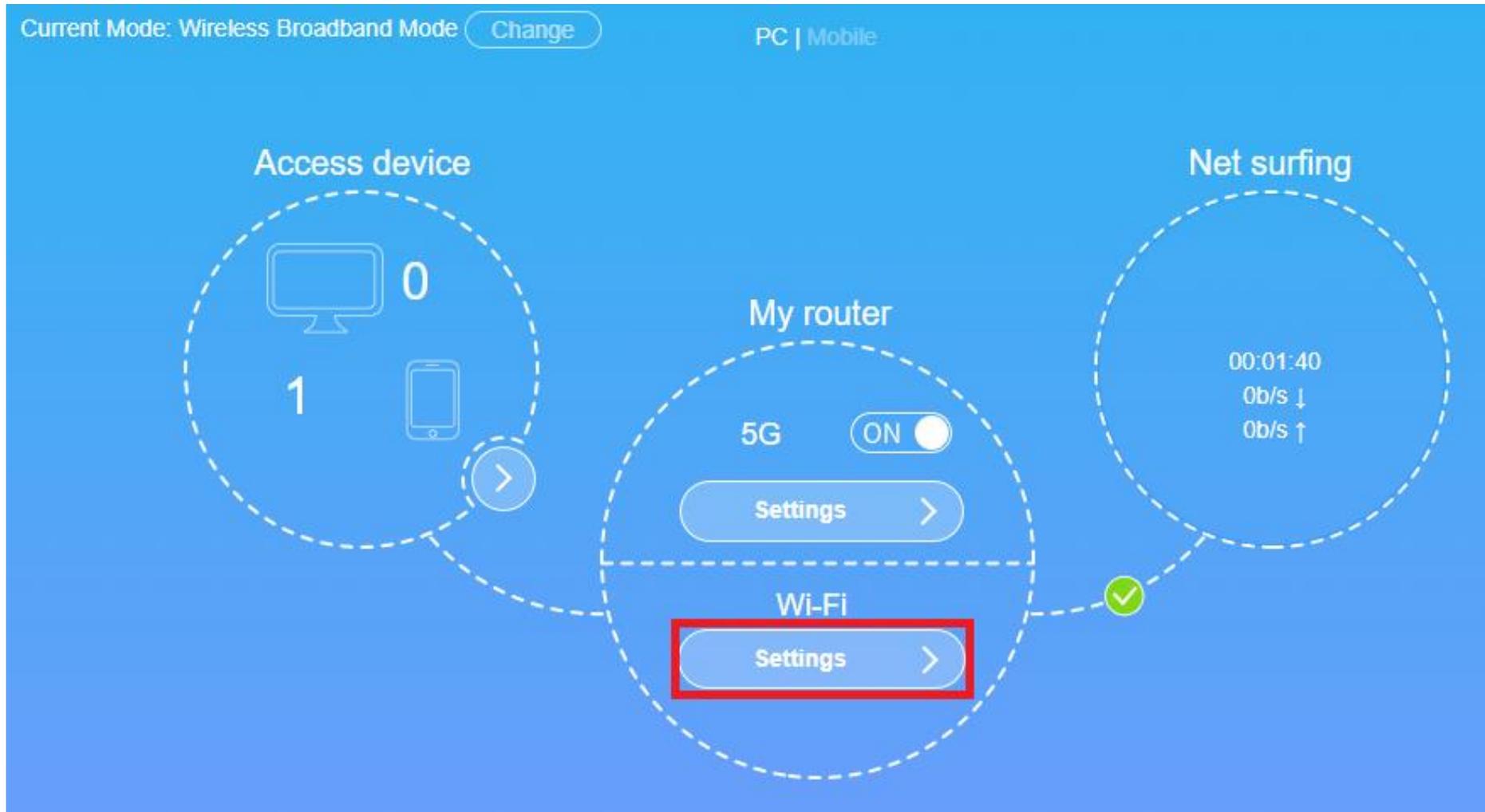
060360196
012357561
Wi-Fi Coverage

Detail Information

Status Information	
SIM Card Number	---
IMEI	866949060360196
IMSI	454030012357561
Signal Strength	-103 dBm
CA Status	No CA
Max Access Number	32
Network Name (Main SSID)	ZTE_C1652F
Network Name (5GHz Main SSID)	ZTE_C1652F_5G
Wi-Fi Coverage	Long Wi-Fi Coverage
IP Address	192.168.0.1
WAN IP Address	10.164.252.31
WAN IPv6 Address	---
Software Version	BD_HTCNHKMC888V1.0.0B05

Wi-Fi Setting:

Basic SSID/password can be changed under “Wi-Fi Settings” → “Main SSID”



Wi-Fi Settings

Set up wireless hotspot so that your mobile phone or laptop could access network via it

Wi-Fi On Off

Band Steering Enable Disable

If enabled, the device will merge 2.4GHz band SSID and 5GHz band SSID, and automatically select the frequency band that provides a faster speed.

Apply

Main SSID | Guest SSID | WPS | Advanced Settings

2.4GHz Basic Settings

Network Name(SSID) *

Broadcast SSID

All the wireless client device is completely isolated

Security Mode

Password * Middle

Display Password

PMF On Off

If need to turn on/off Wi-Fi, define Channel/Mac options, or etc., related pages can be found under “Wi-Fi Settings” → “Advanced Settings”.

Wi-Fi Settings
Set up wireless hotspot so that your mobile phone or laptop could access network via it

Wi-Fi On Off

Band Steering Enable Disable

If enabled, the device will merge 2.4GHz band SSID and 5GHz band SSID, and automatically select the frequency band that provides a faster speed.

Apply

Main SSID Guest SSID WPS **Advanced Settings**

Max Station Number

Max Station Number 32

2.4GHz Advanced Settings

Network Mode 802.11 b/g/n/ax

Channel Bandwidth 40MHz

Frequency (Channel) Auto

5GHz Advanced Settings

Network Mode 802.11 a/n/ac/ax

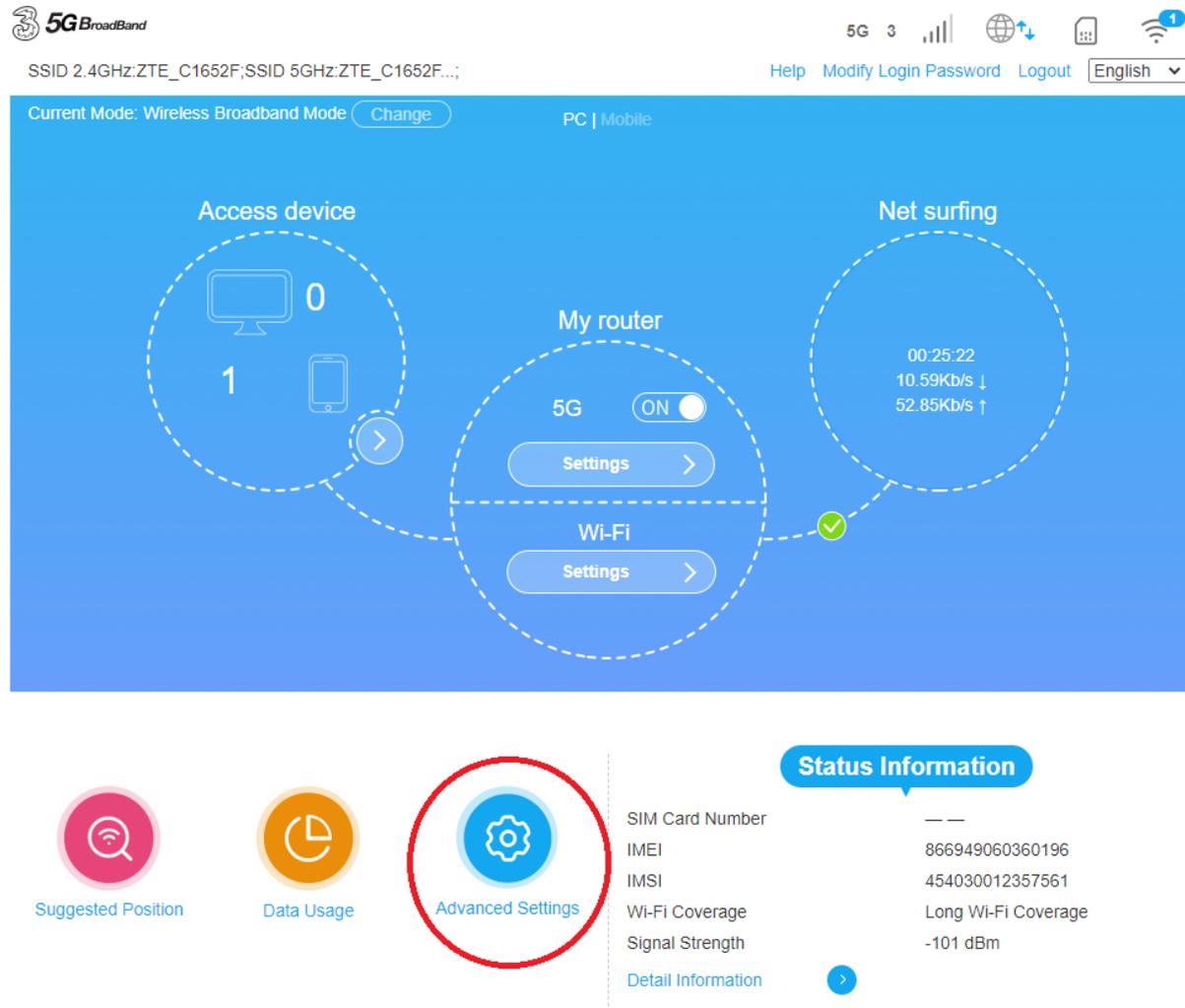
Channel Bandwidth 20MHz/40MHz/80MHz

Frequency (Channel) 5745MHz (Channel 149)

Apply

LAN Setting:

LAN IP / DHCP setting can be changed under “Advanced Settings” → “Router”



Advanced Settings

[Night Mode](#) **Router** [Firewall](#) [Update](#) [Others](#)

IP Address *

Subnet Mask *

DHCP Server Enable Disable

DHCP IP Pool * -

DHCP Lease Time * hour(s)

[Apply](#)

The setting can only be changed when the modem is disconnected.

[?](#)

MTU *

MSS

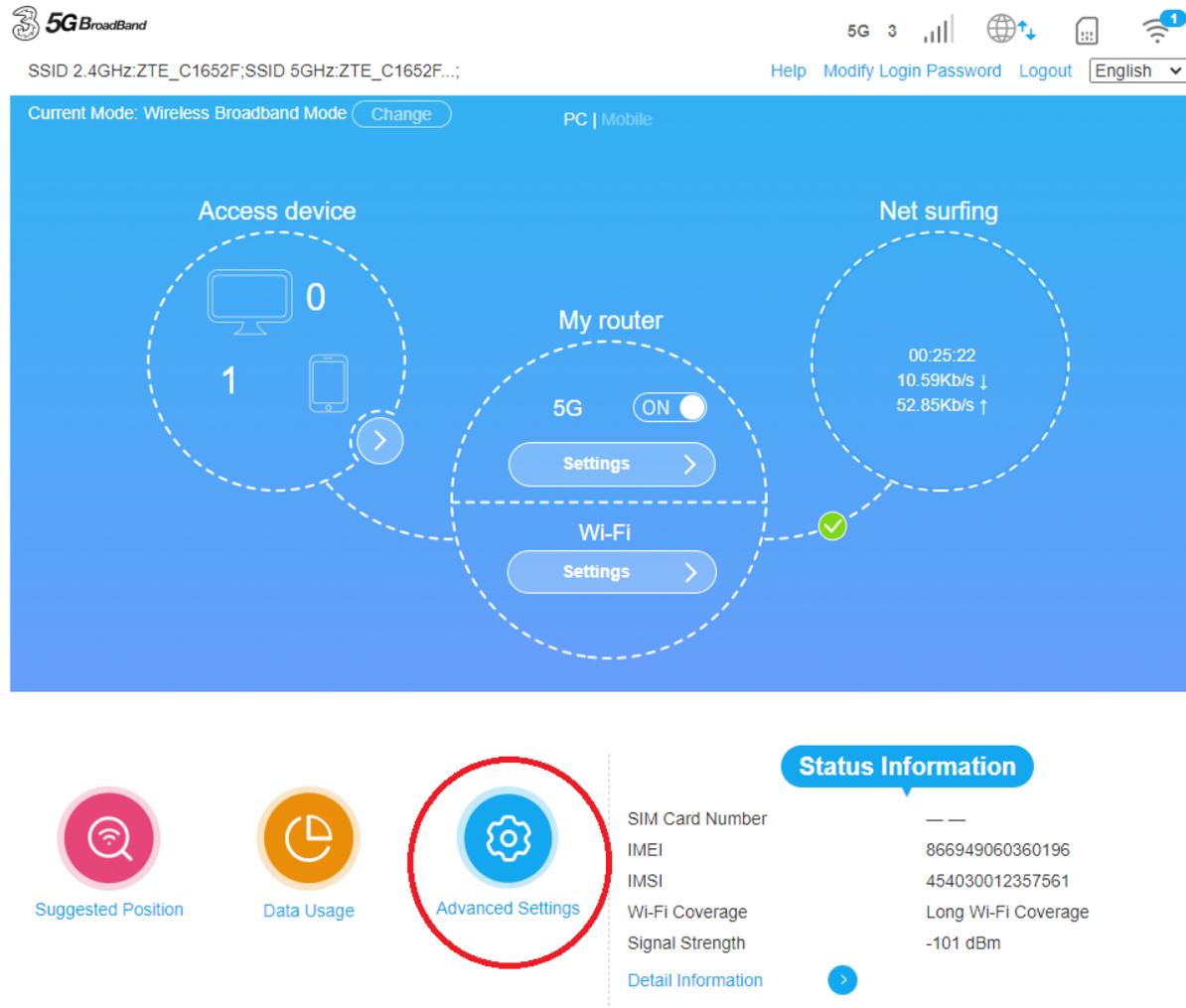
[Apply](#)

[?](#)

[MAC-IP Bind](#) [>](#)

NAT Setting:

Port Forwarding setting can be changed under “Advanced Settings”





SSID 2.4GHz:ZTE_C1652F;SSID 5GHz:ZTE_C1652F...

5G 3



[Help](#) [Modify Login Password](#) [Logout](#) English

Advanced Settings

- Night Mode
- Router
- Firewall**
- Update
- Others

- Port Filtering
- Port Forwarding**
- URL Filtering
- UPnP
- DMZ
- SIP ALG
- System Security

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“Enable” → “Apply”

For example, if (1) IP of internal LAN device is 192.168.0.101 with service port as 3389; and (2) external LAN use the same port, may set as follow:

The screenshot displays the 'Port Forwarding' configuration page. At the top, the status bar shows '5G 3' and various icons. Below the status bar, the SSID is 'SSID 2.4GHz:ZTE_C1652F;SSID 5GHz:ZTE_C1652F...'. Navigation links include 'Help', 'Modify Login Password', 'Logout', and a language dropdown set to 'English'.

The main configuration area is titled 'Port Forwarding' and features a blue header with a back arrow and a settings gear icon. Under 'Virtual Server Settings', the 'Enable' radio button is selected and highlighted with a red box, and the 'Apply' button is also highlighted with a red box. A help box contains the instruction: 'Configure a Port Forward to enable external computers to access WWW, FTP or other services provided by LAN.'

The 'Port Forwarding Settings' section includes the following fields:

- IP Address ***: 192.168.0.101 (e.g., 192.168.0.101)
- Port Range ***: 3389 - 3389 (1~65535)
- Protocol**: TCP+UDP
- Comment ***: (empty field)

An 'Apply' button is located at the bottom right of the settings section. Below this is another help box and a section titled 'Current Virtual Servers in system' with a table header:

<input type="checkbox"/>	IP Address	Port Range	Protocol	Comment
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If need to use DMZ (or 1-to-1 NAT), may set under “Advanced Settings” → “Firewall” → “DMZ” → “Enable”



SSID 2.4GHz:ZTE_C1652F;SSID 5GHz:ZTE_C1652F...



[Help](#) [Modify Login Password](#) [Logout](#) English

The screenshot shows the 'Advanced Settings' page of the router. At the top, there is a blue header with a back arrow, the text 'Advanced Settings', and a gear icon. Below the header is a horizontal menu with five tabs: 'Night Mode', 'Router', 'Firewall', 'Update', and 'Others'. The 'Firewall' tab is highlighted with a red border. Underneath the 'Firewall' tab, there is a list of settings: 'Port Filtering', 'Port Forwarding', 'URL Filtering', 'UPnP', 'DMZ', 'SIP ALG', and 'System Security'. Each setting has a blue arrow pointing to the right. The 'DMZ' setting is highlighted with a red border.



SSID 2.4GHz:ZTE_C1652F;SSID 5GHz:ZTE_C1652F...;

[Help](#) [Modify Login Password](#) [Logout](#) English ▾

SSID 2.4GHz:ZTE_C1652F;SSID 5GHz:ZTE_C1652F_5G

DMZ Settings

DMZ Settings Enable Disable

IP Address *

[Apply](#)

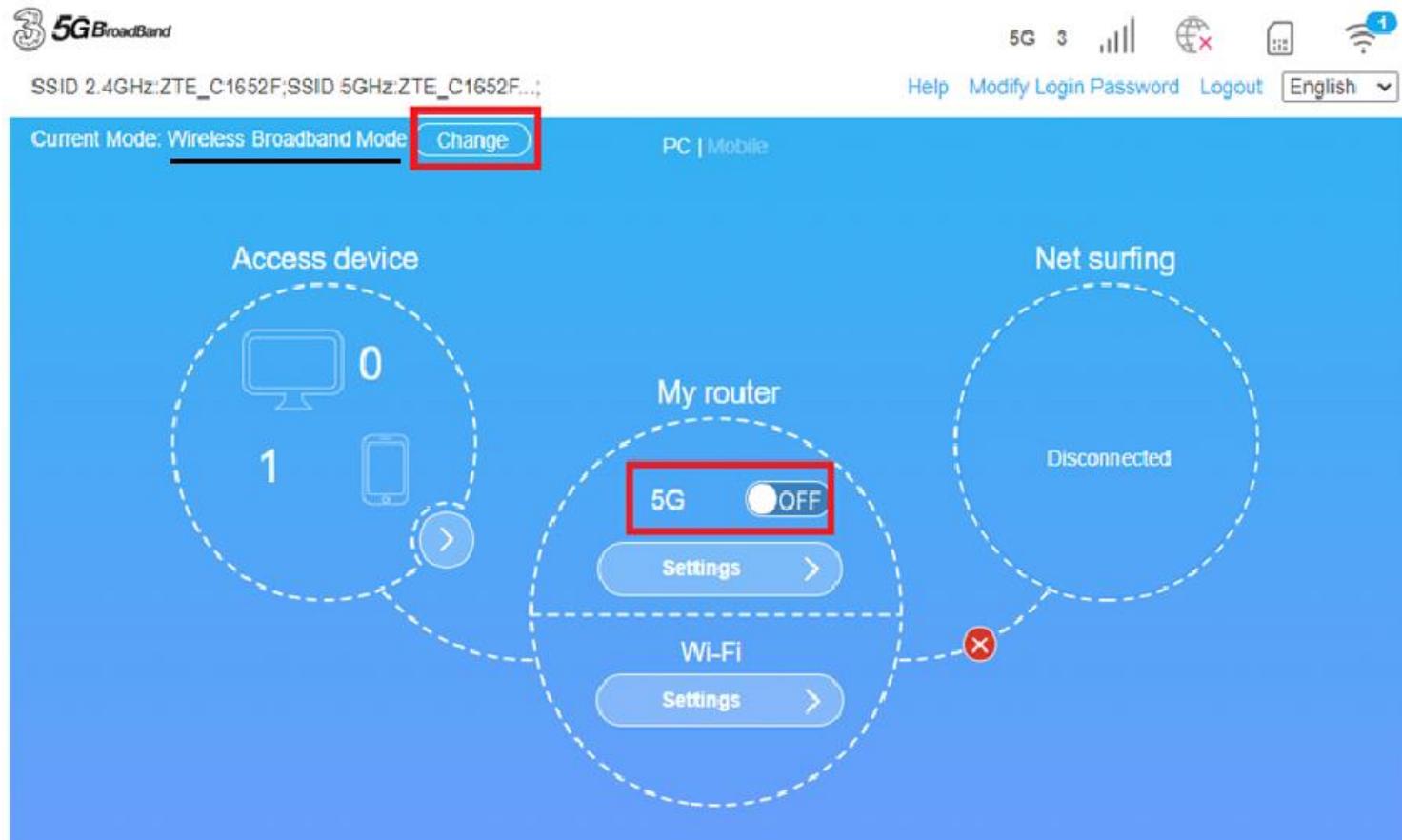
[?](#)

***** Note: With DMZ set, device will be directly explored in internet. *****

Router Mode Change

Router Mode should be default as “Wireless Broadband Mode”.

If not, turn off the connection and click “Change”



Choose “Wireless Broadband Mode” to ensure the router function

Change Mode ×

Dual-network

Automatic

Hybrid Mode

Single-network

Wireless Broadband Mode

Communicate via wireless network (which consumes mobile data of SIM card) only.

Bridge Mode

Cable Broadband Mode

Bridge Mode

Click the box to change “Bridge Mode”, select the port for Wan connection network

Change Mode ✕

Dual-network

Automatic

Hybrid Mode

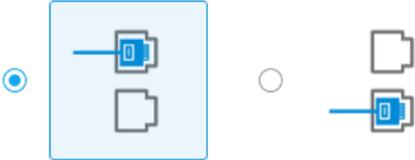
Single-network

Wireless Broadband Mode

Communicate via wireless network (which consumes mobile data of SIM card) only.

Bridge Mode

Please select the WAN connection network port in Bridge Mode.



The device will be restarted to change the operation mode. WI-FI can only be used for Router configuration in Bridge Mode!

Cable Broadband Mode

Apply