



ZTE  **moble**

Mobile Hotspot

User Guide



Connected
by AT&T

Welcome to AT&T

Thank you for purchasing the ZTE Mobley. To get the most from your new device, check out our videos and interactive tutorials at att.com/Tutorials.

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Get Started

This chapter provides an overview of the features of your ZTE Mobley Mobile Hotspot and instructions on how to set it up and connect to the Internet.

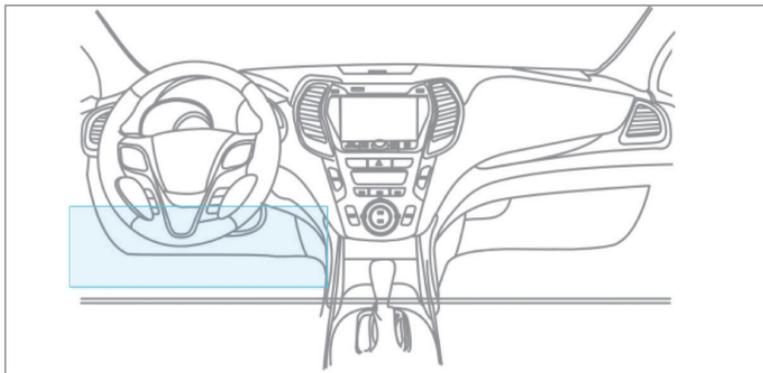
Know Your Device

Your mobile hotspot enables you to create a Wi-Fi network in your vehicle. You can use that Wi-Fi network to connect your smartphone and other Wi-Fi-capable devices to your network provider's mobile broadband network and connect to the Internet.



Additional features include:

- **OBD II Interface** – Connect with the On-Board Diagnostics (OBD II) connector port on your vehicle to power on your mobile hotspot. The OBD II connector port is usually located on or under the dash, on the driver's side. Other possible locations are the center console area or inside the glove compartment.



- **Reset Key** – Restore the device to the factory default configurations.
- **Guest Wi-Fi** – Set up a guest Wi-Fi network for temporary users, and use the main network for trusted devices.

Install Your Mobile Hotspot

- ① Make sure your vehicle is parked outside in a safe location and the engine is turned off.
- ② Insert your mobile hotspot into the OBD II connector port (or into the extension cable if it is required). Ensure that your mobile hotspot is inserted in the correct direction.

Note: Insert the mobile hotspot carefully to avoid damaging it.

Status LED Indicator

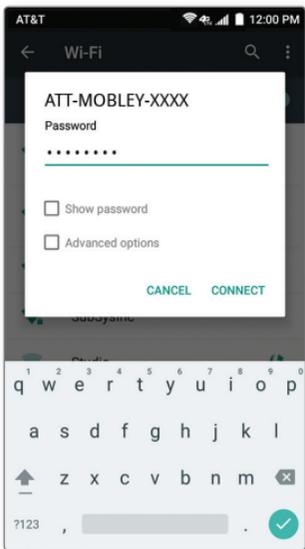
The LED indicates the device's connection status:

LED 1 (Power)	Off	Sleep mode (Wi-Fi off)
	Green solid	Power on
	Red blinking	Factory reset
	Red solid	SIM locked
LED 2 (Signal)	Off	No network service available
	Red solid	FOTA updating
	Green solid	Connected to mobile network, Wi-Fi network available
	Red blinking	FOTA update failure
	Green blinking	FOTA update success

Connect to the Internet

- ① Start your mobile's engine and let it run for at least 30 seconds. Once powered up, your mobile hotspot automatically searches for and connects to your network provider's mobile broadband network.
- ② Connect your smartphone or other Wi-Fi-enabled devices to your network.
 - a) Use your normal Wi-Fi application on the device to search for the available wireless network.
 - b) Select the Wi-Fi network name.
 - c) Input the Wi-Fi network password as it appears on the label on your mobile hotspot.
- ③ Launch your browser to surf the Internet.

Note: Once the vehicle's engine has been off for half an hour, the ZTE Mobley Mobile Hotspot will disconnect and enter Sleep mode.



Manage Your Mobile Hotspot and Settings

You can use the lite or full AT&T Wi-Fi Manager home page to manage your mobile hotspot and change settings. In both cases, log in as Administrator to make changes. The web address is **http://attwifimanager** and the default Administrator login is **attadmin**.

- To personalize the mobile hotspot and change basic settings, use a smartphone to connect to the mobile hotspot and then use a browser to display the lite AT&T Wi-Fi Manager home page.
- For advanced settings, use a Wi-Fi-enabled device such as a laptop to connect to the mobile hotspot and then use a browser to display the full AT&T Wi-Fi Manager home page.

Connect Devices to Your Mobile Hotspot's Wi-Fi

You can connect up to five (5) wireless devices, such as smartphones, laptops, tablets, digital cameras, printers, gaming consoles, and digital picture frames, to your mobile hotspot's Wi-Fi network(s). (See *Set Maximum Number of Connected Devices* on page 11 for instructions on setting connections for the Main Wi-Fi and Guest Wi-Fi networks.)

Connect a wireless device to your Wi-Fi network by typing the Wi-Fi password.

Connect a Wireless Device Manually

To connect a wireless device to your mobile hotspot's Wi-Fi network, see *Connect to the Internet* on page 4.

Use Your Mobile Hotspot

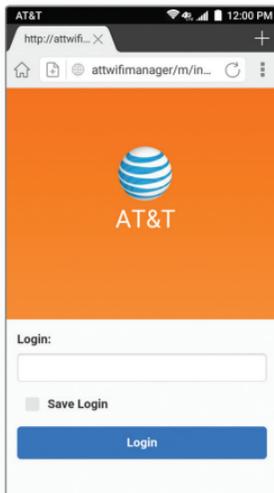
This chapter describes the main features of the web interfaces for managing your mobile hotspot. You must be logged in as Administrator to change advanced settings and view detailed information.

- Home page URL – <http://attwifimanager>
- Default Administrator login – **attadmin**

Lite AT&T Wi-Fi Manager Home Page

To log in as Administrator:

- ① On the lite AT&T Wi-Fi Manager home page, enter **attadmin** in the **Login** field.
- ② Tap **Login**.



Full AT&T Wi-Fi Manager Home Page

To log in as Administrator:

- ① On the full AT&T Wi-Fi Manager home page, enter **attadmin** in the **Login** field.
- ② Click **Login**.



Security Credentials

The mobile hotspot uses three passwords:

- **Wi-Fi password** – Used to authenticate wireless devices to your mobile hotspot network. It is unique to your mobile hotspot and can be found printed on a label on the mobile hotspot. If you want to change the Wi-Fi password, see *Change Wi-Fi Network Names and Passwords* on page 15.
- **Guest Wi-Fi password** – When enabled, temporary users can use this password to access the Guest Wi-Fi network. If you want to change the Guest Wi-Fi password, see *Change Wi-Fi Network Names and Passwords* on page 15.
- **Admin login** – Used to log in to the AT&T Wi-Fi Manager home page as Administrator. You must be logged in as Administrator to use certain features and to make changes to your mobile hotspot settings. The default Administrator login is **attadmin**. The Administrator login can be changed to 4 - 32 characters.

You can change these passwords on the lite or full AT&T Wi-Fi Manager home page (<http://attwifimanager>).

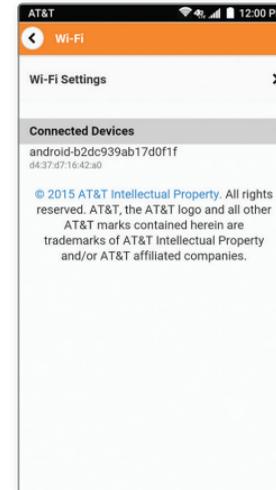
Manage Wi-Fi

View Connected Devices

You can view a list of devices connected to your mobile hotspot on the lite or full AT&T Wi-Fi Manager home page.

On the lite AT&T Wi-Fi Manager home page:

- ① Log in as Administrator.
- ② Tap **Wi-Fi Settings**.
- ③ A list of devices connected to the Main Wi-Fi and Guest Wi-Fi networks appears in the **Connected Devices** section.



On the full AT&T Wi-Fi Manager home page:

- ① Log in as Administrator.
- ② Tap **Connected Devices** on the navigation menu on the left side. A list of devices connected to the Main Wi-Fi and Guest Wi-Fi networks appears on the screen. You can view the IP and MAC addresses of the devices.

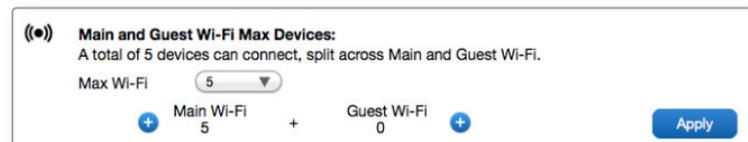


Set Maximum Number of Connected Devices

You can connect up to five (5) wireless devices to your mobile hotspot. These connections are shared between the Wi-Fi's Main and Guest Wi-Fi networks. You can customize the distribution of devices from the full AT&T Wi-Fi Manager home page.

On the full AT&T Wi-Fi Manager home page:

- ① Log in as Administrator.
- ② Click **Home** on the navigation menu on the left side.
- ③ In the **Main and Guest Wi-Fi Max Devices** section, select **+** next to **Main Wi-Fi** or **Guest Wi-Fi** to adjust the number of connections available.
- ④ Click **Apply**.



Block/Unblock Devices

Whenever you block or unblock devices, the mobile hotspot resets to activate the new settings. Any devices connected to the hotspot will be disconnected.

You can block a device that is currently connected to your mobile hotspot. It will not be able to connect to your Wi-Fi again unless you choose to unblock it. Some reasons that you may want to block a device include:

- Stopping them from overusing your bandwidth (and possibly resulting in charges for overages on your plan).
- Temporarily blocking a child from surfing the Internet.

You can block/unblock devices from the full AT&T Wi-Fi Manager home page.

On the full AT&T Wi-Fi Manager home page:

To block a connected device:

- ① Log in as Administrator.
- ② Click **Connected Devices**. A list of devices connected to the Main Wi-Fi and Guest Wi-Fi networks appears on the screen.
- ③ To block a listed device from connecting to your mobile hotspot, select the **Block Access** box for the device.
- ④ Click **Apply**.

The screenshot shows the AT&T Wi-Fi Manager interface. On the left is a navigation menu with 'Home', 'Connected Devices (2 devices)', 'Messages (1 unread / 1 total)', 'Settings', and 'About'. The main content area is titled 'Connected Devices' and includes instructions: 'View devices currently connected to your AT&T Wi-Fi Manager. You can block and unblock devices from accessing your AT&T Wi-Fi Manager by selecting the box for that device and clicking Apply.' Below this, it states '2 of 5 device(s) connected via Wi-Fi' and displays a table of connected devices.

Device Name	MAC Address	IP Address	Wi-Fi	Block Access
android-b2dc939ab17d0f 1f	d4:37:d7:16:42:a0	192.168.1.165	Main	<input type="checkbox"/>
TOT-MacBook-Pro	f8:1e:df:dc:20:1d	192.168.1.117	Main	<input type="checkbox"/>

An 'Apply' button is located at the bottom right of the table.

To unblock a device:

- ① Click **Connected Devices** on the navigation menu on the left side.
- ② The **Blocked Wi-Fi device(s)** section lists all blocked devices.
- ③ To unblock a listed device so it can connect to your mobile hotspot, select the **Unblock Access** box for the device and click **Apply**.

The screenshot shows a section titled 'Blocked Wi-Fi device(s)'. It contains a table with columns for 'Device Name', 'MAC Address', and 'Unblock Access'. There are two rows of blocked devices, each with a checkbox in the 'Unblock Access' column.

Device Name	MAC Address	Unblock Access
android-b2dc939ab17d0f 1f	d4:37:d7:16:42:a0	<input type="checkbox"/>
		<input type="checkbox"/>

An 'Apply' button is located at the bottom right of the table.

Messages

View SMS Messages

You can view SMS messages on the lite or full AT&T Wi-Fi Manager home page.

On the lite AT&T Wi-Fi Manager home page:

To view or delete messages:

- ① Log in as Administrator.
- ② Tap **Messages**.
- ③ A list of messages appears, previewing the first portion of the text.
- ④ Tap any message to read the full text.
- ⑤ If you want to delete the message, go to the bottom of the message and tap **Delete**.

On the full AT&T Wi-Fi Manager home page:

To view or delete messages:

- ① Log in as Administrator.
- ② Click **Messages** on the navigation menu on the left side. A list of messages appears.
- ③ Click any message in the list to read it.
- ④ If you want to delete the message, select the checkboxes in front of the messages and click **Delete**.

Security

Change Wi-Fi Network Names and Passwords

You can customize the network names and passwords for the Main and Guest Wi-Fi networks on the AT&T Wi-Fi Manager home page.

Change Main Wi-Fi Name and Password

You can change the Main Wi-Fi name or password from the lite or full AT&T Wi-Fi Manager home page.

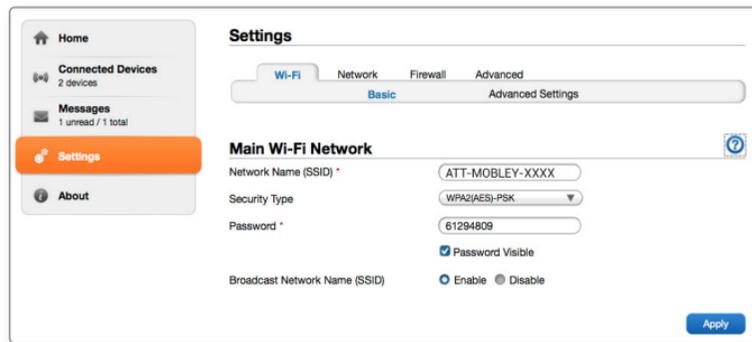
On the lite AT&T Wi-Fi Manager home page:

- ① Log in as Administrator.
- ② Tap **Wi-Fi Settings > Wi-Fi Settings**.
- ③ Change the Main Wi-Fi network name and/or password.



On the full AT&T Wi-Fi Manager home page:

- 1 Log in as Administrator.
- 2 Click **Settings** on the navigation menu on the left side.
- 3 Click **Wi-Fi > Basic**.
- 4 Change the Main Wi-Fi network name and/or password.
- 5 Click **Apply**.



Note: If you change the Wi-Fi network name or password, all connected devices will be disconnected and have to reconnect using the new Wi-Fi credentials.

Change Guest Wi-Fi Name and Password

If you are using the Guest Wi-Fi profile, you can change the Guest Wi-Fi name or password from the AT&T Wi-Fi Manager home page.

Note: By default, the Guest Wi-Fi name is the same as the Main Wi-Fi name, with “-GUEST” appended.

On the full AT&T Wi-Fi Manager home page:

- 1 Log in as Administrator.
- 2 Click **Settings** on the navigation menu on the left side.
- 3 Click **Wi-Fi > Basic**.
- 4 Change the Guest Wi-Fi network name and/or password.
- 5 Click **Apply**.

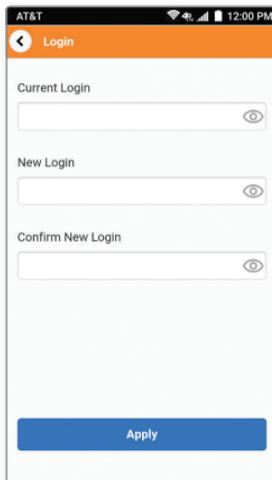


Change AT&T Wi-Fi Manager Home Page Access Settings

You can customize the Administrator login used to access the lite or full AT&T Wi-Fi Manager home page.

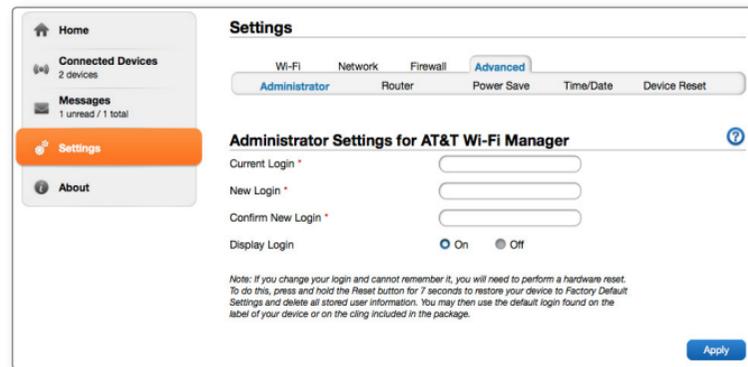
On the lite AT&T Wi-Fi Manager home page:

- 1 Log in as Administrator.
- 2 Tap **Other Settings** > **Login**.
- 3 If desired, change the Administrator login (maximum 32 characters).
- 4 Tap **Apply**.



On the full AT&T Wi-Fi Manager home page:

- 1 Log in as Administrator.
- 2 Click **Settings** on the navigation menu on the left side.
- 3 Click **Advanced** > **Administrator**.
- 4 If desired, change the Administrator login (maximum 32 characters).
- 5 Click **Apply**.



Note: If you forget the Administrator login, you must perform a hardware reset to restore the default. See *Reset the Mobile Hotspot* on page 27.

Change Wi-Fi Security Types

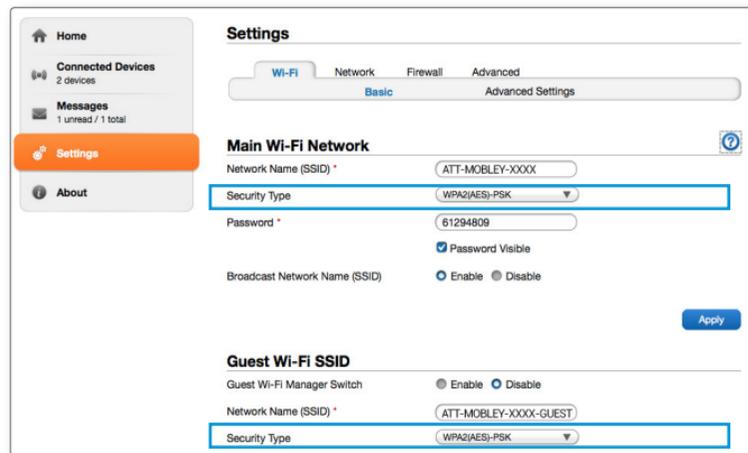
You can set the mobile hotspot's Wi-Fi security types in the lite or full AT&T Wi-Fi Manager home page.

On the lite AT&T Wi-Fi Manager home page:

- 1 Log in as Administrator.
- 2 Tap **Wi-Fi Settings** > **Wi-Fi Settings**.
- 3 Select the desired security types for the Main Wi-Fi network.
- 4 The Security Type options are:
 - WPA2(AES)-PSK – Recommended. Other users can access your mobile hotspot only if they enter the correct password (default).
- 5 Tap **Apply**.
- 6 Reconnect your Wi-Fi devices, if necessary, using the new Wi-Fi credentials. See *Connect to the Internet* on page 4.

On the full AT&T Wi-Fi Manager home page:

- 1 Log in as Administrator.
- 2 Click **Settings** on the navigation menu on the left side.
- 3 Click **Wi-Fi** > **Basic**.
- 4 Select the desired security types for the Main Wi-Fi and Guest Wi-Fi networks.
- 5 Click **Apply**.
- 6 Reconnect your Wi-Fi devices, if necessary, using the new Wi-Fi credentials.

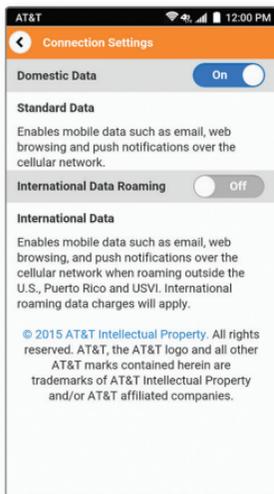


Configure Data Network Options

From the lite or full AT&T Wi-Fi Manager home page, you can turn on mobile data and choose whether to allow the mobile hotspot to be used when roaming internationally.

On the lite AT&T Wi-Fi Manager home page:

- 1 Log in as Administrator.
- 2 Tap **Connection Settings**.
- 3 Choose the appropriate option:
 - To enable/disable mobile data, tap the **On/Off** button next to **Domestic Data**.
 - To enable/disable international roaming, tap the **On/Off** button next to **International Data Roaming**.



On the full AT&T Wi-Fi Manager home page:

- 1 Log in as Administrator.
- 2 Click **Home** on the navigation menu on the left side.
- 3 Choose the appropriate option:
 - To enable/disable mobile data, select **On** or **Off** in the **Domestic Data** section and click **Apply**.
 - To enable/disable international roaming, select **On** or **Off** in the **International Data Roaming** section and click **Apply**.



View Details

You can view details about your mobile hotspot, such as the wireless number, data usage (not accurate for billing purposes) hardware version, and IMEI, from the lite or full AT&T Wi-Fi Manager home page.

On the lite AT&T Wi-Fi Manager home page:

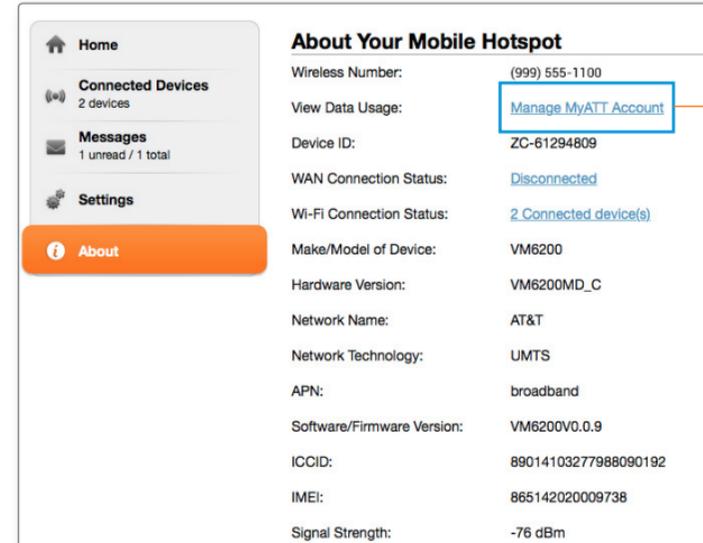
- 1 Log in as Administrator.
- 2 Tap **Other Settings**.
- 3 Tap **About Your Mobile Hotspot**.
- 4 Swipe the screen to scroll through the information.

Tap to view data usage



On the full AT&T Wi-Fi Manager home page:

- 1 Log in as Administrator.
- 2 Click **About** on the navigation menu on the left side.



Tap to view data usage

Replace the micro-SIM Card

Your mobile hotspot comes with the micro-SIM card inserted. If you need to replace the micro-SIM card:

- ① Insert your fingernail into the slot of the micro-SIM card cover and lift it up gently.



- ② Remove the existing micro-SIM card (if present).



- ③ Insert the new micro-SIM card with the gold-colored contacts facing down.



- ④ Close the micro-SIM card cover.

Reset the Mobile Hotspot

You can reset the mobile hotspot to its factory settings on the mobile hotspot itself or on the full AT&T Wi-Fi Manager home page. (This is useful if you have lost your Administrator login for the AT&T Wi-Fi Manager home page.)

Notes:

- If you reset the modem to factory settings, all of your customizations will be lost.
- When you reset the mobile hotspot, any currently connected devices will lose access and will have to be reconnected after the mobile hotspot restarts.

On the mobile hotspot:

- ① Press and hold the **Reset Key** until the LED 1 indicator turns red (about 7 seconds).
- ② After the device has reset, reconnect Wi-Fi devices.

On the full AT&T Wi-Fi Manager home page:

- ① Log in as Administrator.
- ② Click **Settings** on the navigation menu on the left side.
- ③ Click **Advanced > Device Reset**.
- ④ Click **Reset**.

Advanced Settings

This chapter provides information on how to configure advanced settings for various aspects of the device, such as Wi-Fi settings, WAN settings, and router settings.

Manage Wi-Fi

Set Wi-Fi Network Options

To configure the Wi-Fi network options:

- ① On the full AT&T Wi-Fi Manager home page, log in as Administrator.
- ② Click **Settings** on the navigation menu on the left side.
- ③ Click **Wi-Fi > Advanced Settings**.
- ④ For the Main Wi-Fi and Guest Wi-Fi networks, select the desired options.
 - **Network Mode** – The WLAN protocol being used. The recommended value depends on the band range selected:
 - 802.11 b/g/n
 - 802.11 n only
 - **Country/Region Code** – Select region code.
 - **Frequency (Channel)** – The Wi-Fi channel used. The recommended value is Automatic, which chooses the channel that will provide the least interference.
- ⑤ Click **Apply**.

Change Advanced Settings

View WAN Information

To view detailed network information, such as the active network, connection status, and signal strength:

- ① On the full AT&T Wi-Fi Manager home page, log in as Administrator.
- ② Click **About**.

Enable Port Mapping

If your computer hosts a server, you can enable port mapping so that other users can access the server.

To enable port mapping:

- ① On the full AT&T Wi-Fi Manager home page, log in as Administrator.
- ② Click **Settings** on the navigation menu on the left side.
- ③ Click **Firewall > Port Mapping**.
- ④ Select **Enable** beside Port Mapping Settings. The Port Mapping list will appear. Incoming traffic is forwarded to specific ports and devices on your network (using their local IP addresses).
- ⑤ Identify the ports to forward. Enter the port forwarding information (the IP address, the Port range, the Protocol, and the comment).
- ⑥ Click **Apply**.

Caution: Port mapping creates a security risk. When not required, port mapping should be disabled.

Enable MAC/IP/Port Filtering

You can enable or disable the MAC/IP/port filtering feature as needed to block certain Internet traffic. If this setting is enabled, you can then choose whether traffic is Accepted or Dropped by default by selecting the appropriate option from the Default Policy drop-down menu.

To enable port filtering:

- ① On the full AT&T Wi-Fi Manager home page, log in as Administrator.
- ② Click **Settings** on the navigation menu on the left side.
- ③ Click **Firewall > MAC/IP/Port Filter**.
- ④ Select the Default Policy:
 - **Accepted** – Internet traffic is allowed by default. Only traffic from the selected applications will be blocked from accessing the Internet. Traffic is identified by port numbers. Some applications are predefined. You can define additional applications by clicking the **Add Custom Application** button, but you need to know details of the traffic used and generated by the applications you wish to define. In particular, you need to know the port numbers and the protocol (TCP, UDP) used by outgoing traffic.
 - **Dropped** – Internet traffic is blocked by default. Only traffic from the selected predefined or custom applications are allowed to access the Internet.
- ⑤ Click **Apply**.

Enable VPN Passthrough

If you want to connect to a corporate network using VPN, you first need to enable VPN connections (passthrough).

To enable VPN passthrough:

- ① On the full AT&T Wi-Fi Manager home page, log in as Administrator.
- ② Click **Settings** on the navigation menu on the left side.
- ③ Click **Advanced > Router**.
- ④ In the VPN Passthrough section, select **Enable** beside VPN Passthrough.
- ⑤ Click **Apply**.

Configure APN Details

The APN is checked to determine the type of network connection to establish. Your mobile hotspot comes preconfigured with the APN (Access Point Name) for AT&T.

To add an APN for another network:

- ① On the full AT&T Wi-Fi Manager home page, log in as Administrator.
- ② Click **Settings** on the navigation menu on the left side.
- ③ Click **Network > APN**.
- ④ Click **Add**.
- ⑤ In the blank line, enter the profile name, APN (obtained from your carrier).
- ⑥ Select the network Authentication mode. The options are None (default), CHAP, and PAP.

- ⑦ Enter the username and password, if these are required for the wireless network.
- ⑧ Click **Save**.

To select the APN entry to use:

From the drop-down menu beside **Profile Selection**, select the desired APN to use.

To remove an APN entry:

Select the APN you want to remove, and click **Delete**.

Enable DMZ

In a DMZ (demilitarized zone) network configuration, a computer runs outside the firewall in the DMZ. This computer intercepts incoming Internet traffic, providing an extra layer of protection for the rest of the network.

To enable DMZ and designate a computer to screen incoming traffic:

- ① On the full AT&T Wi-Fi Manager home page, log in as Administrator.
- ② Click **Settings** on the navigation menu on the left side.
- ③ Click **Firewall > DMZ**.
- ④ Select **Enable** beside DMZ.
- ⑤ In the DMZ IP Address field, enter the IP address of the computer you want to have in the DMZ.
- ⑥ Click **Apply**.

Set Router Options

To set the mobile hotspot's LAN options:

- ① On the full AT&T Wi-Fi Manager home page, log in as Administrator.
- ② Click **Settings** on the navigation menu on the left side.
- ③ Click **Advanced > Router**.
- ④ Enter the desired information in each section.
If the DHCP Server is enabled, it automatically assigns an IP address to each device on the network and manages their configuration information.
- ⑤ Click **Apply**.

Set Power Save Options

The user may define a time period for the mobile hotspot to stay on when the vehicle is turned off or idle. Starting the vehicle will always power on the hotspot. The mobile hotspot will power off automatically if the voltage of the OBD II connector drops to 9V.

- ① On the AT&T Wi-Fi Manager home page, log in as Administrator.
- ② Click **Settings** on the navigation menu on the left side.
- ③ Click **Advanced > Power Save**.
- ④ Select the time period from the drop-down menu.

Troubleshooting

Problems and Suggested Solutions

Problem	Suggested Solution
Cannot establish the Wi-Fi connection between your device and mobile hotspot.	<ul style="list-style-type: none">• Refresh network list and select the correct SSID.• Check the IP address to make sure your mobile hotspot can obtain an IP address automatically in the Internet protocol (TCP/IP) properties.• Type the correct network key (Wi-Fi password) when you connect to your mobile hotspot.
The mobile hotspot connected to the device cannot access the Internet.	<ul style="list-style-type: none">• Make sure the installed SIM card has an active account.• Ensure that the Domestic Data is turned on. Once turned on and your mobile hotspot is connected to a mobile network, the LED 2 indicator turns green. Click Settings > Network Connection on the AT&T Wi-Fi Manager home page to check Domestic Data status.• Contact your service provider.

Problem	Suggested Solution
Cannot visit the AT&T Wi-Fi Manager home page.	<ul style="list-style-type: none">• Make sure your smartphone or other Wi-Fi-enabled device is connected to your mobile hotspot's Wi-Fi network.• Enter the correct address. The default address is http://attwifimanager.• Only use one network adapter for your PC.• Do not use any proxy server.
Forgot the password	<ul style="list-style-type: none">• Click Settings > Wi-Fi on the full AT&T Wi-Fi Manager home page to check the Main/Guest Wi-Fi Network password or check the label on the device to get them.• If you changed the password and forgot the new password, you need to reset the device to the factory default settings. (See <i>Reset the Mobile Hotspot</i> on page 27.)

Compatible Vehicles

Electric cars and other vehicles, such as heavy-duty trucks and ATVs, are not compliant with your mobile hotspot.

Working Voltage

Your mobile hotspot is a Wi-Fi hotspot without a battery. The power is supplied through the vehicle's OBD II connector port. The voltage range is from 9V to 16V. If the OBD II voltage drops to 11.5V, your mobile hotspot will go into Protection mode to ensure that the car battery remains capable of restarting.

Mode	Average current (mA)
Power Saving	2.5
LTE network searching	54.6
LTE MAX power (maximum transmission power)	283.2
LTE normal network connection with five (5) devices associated but no open PDP context	121.7
LTE normal network connection with five (5) devices associated and streaming some video content	173.7

Working State and Transition

Your mobile hotspot will start and register to the network at cold start.

Your mobile hotspot offers you a hotspot in your vehicle whenever the engine is running. It can be programmed to remain engaged for a period of time after the engine is turned off.

- In some vehicles, ignition will drop the voltage of the OBD II connector to 11.5V for more than 500 ms. This causes the mobile hotspot to go into Protection mode. The mobile hotspot will reboot automatically when the voltage recovers, and all connected devices will be disconnected and have to reconnect.
- When the device is in Protection mode, it can only monitor the OBD II voltage and has no other functions.
- When most vehicles run at idle speed, the voltage of the OBD II connector will not decrease. However, some vehicles may have the same behavior when idling as when turning off the engine, which will put the mobile hotspot into Standby mode.
- To prevent the device from going into Standby mode while the vehicle is idling, there are four (4) time-delay options for users: 30 minutes (default), 1 hour, 90 minutes, and 2 hours.
- When the timer expires or the voltage drops below 11.5V, the device would normally enter Power Save mode. However, if FOTA activity is detected, the Power Save timer will be disabled temporarily and not restart until the FOTA has been completed.
- There can be a $\pm 0.2V$ tolerance when measuring OBD II voltage. The OBD II voltage threshold for entering Power Save mode is between 11.3V and 11.7V.

Specifications

Mechanical Specifications

Dimensions: 3.23 x 2 x 0.87 inches (82 x 50.5 x 22 mm)

Supported RF Bands

Technology	Bands
LTE	Band 2 Band 4 Band 5 Band 17
UMTS/HSPA+	Band 2 Band 5

Regulatory and Safety Information

To the Owner

- Operating your device may interfere with medical devices such as hearing aids and pacemakers. Please always keep them more than 8 inches (20 cm) away from such medical devices when they are powered on. Stop using your device if necessary. Consult a physician or the manufacturer of the medical device before using your device.
- Be aware of the usage limitation when using your device at places such as oil warehouses or chemical factories, where there are explosive gases or explosive products being processed. Stop using your device if required.
- The use of electronic transmitting devices is forbidden in aircrafts, at gas stations, and in hospitals. Please observe and obey all warning signs and stop using your device in these conditions.
- Store your device out of the reach of children. Your device may cause injury if used as a toy.
- Do not touch the metallic parts of your device. Otherwise, it will affect your device's performance.

Using Your Device

- Please use original accessories or accessories that are authorized. Using any unauthorized accessories may affect your device's performance, and violate related national regulations about telecom terminals.

- Avoid using your device near or inside metallic structures or establishments that can emit electromagnetic waves. Otherwise, it may influence signal reception.
- Your device is not waterproof. Please keep it dry and store in a shady and cool place.
- Do not use your device immediately after a sudden temperature change. In such case, it will produce dew inside and outside your device, so don't use it until it becomes dry.
- Handle your device carefully. Do not drop, bend, or strike it. Otherwise, your device will be damaged.
- Do not allow nonprofessionals to dismantle the device. Only qualified technicians can undertake repair work.
- An operating temperature range of -4°F ~ 158°F (-20°C ~ +70°C) and humidity range of 5% ~ 95% are recommended.

Radio Frequency (RF) Energy

This device meets the government's requirements for exposure to radio waves.

This device is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the U.S. Government:

FOR MOBILE DEVICE USAGE (>20 cm/low power)

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 a minimum distance of 20 cm between the radiator and your body.

FCC ID: SRQ-VM6200

FCC Compliance

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.

Caution: Changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

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.

Note: The country code selection is for non-U.S. models only and is not available to all U.S. models. Per FCC regulation, all Wi-Fi products marketed in the U.S. must be fixed to U.S.

Warranty

Consumer Limited Warranty

ZTE (“Seller”) offers you a limited warranty that the enclosed product or products (the “Product”) will be free from defects in material and workmanship for a period that expires one year from the date of sale of the Product to you, provided that you are the original end-user purchaser of the Product and provided that your purchase was made from a supplier authorized by the Seller. Transfer or resale of a Product will automatically terminate warranty coverage with respect to that Product. This limited warranty is not transferable to any third party, including but not limited to any subsequent purchaser or owner of the Product. This limited warranty is applicable to end users in the United States and Puerto Rico.

Seller will, at its sole and absolute discretion, either repair or replace a Product (which unit may use refurbished parts of similar quality and functionality) if found by Seller to be defective in material or workmanship, or if Seller determines that it is unable to repair or replace such Product, Seller will refund the purchase price for such Product, provided that the subject Product (i) is returned to a Seller authorized service center within the one year warranty period, and (ii) is accompanied by a proof of purchase in the form of a bill of sale or receipted invoice which evidences that the subject Product is within the one year warranty period. After the one year warranty period, you must pay all shipping, parts and labor charges. In the event that the product is deemed unrepairable or has been removed from the list

of products supported by the Seller, you will only be liable for shipping and labor charges.

This limited warranty does not cover and is void with respect to the following: (i) any Product which has been improperly installed, repaired, maintained or modified; (ii) any Product which has been subjected to misuse (including any Product used in conjunction with hardware electrically or mechanically incompatible or used with accessories not approved by Seller), abuse, accident, physical damage, abnormal operation, improper handling, neglect, exposure to fire or liquid; (iii) any Product operated outside published maximum ratings; (iv) cosmetic damage; (v) any Product on which warranty stickers or Product serial numbers have been removed, altered, or rendered illegible; (vi) cost of installation, removal or reinstallation; (vii) signal reception problems (unless caused by defects in material and workmanship); (viii) damage the result of fire, flood, acts of God or other acts which are not the fault of Seller and which the Product is not specified to tolerate, including damage caused by mishandling, shipping and blown fuses; (ix) consumables (such as fuses); or (x) any Product which has been opened, repaired, modified or altered by anyone other than Seller or a Seller authorized service center.

USE ONLY SELLER APPROVED ACCESSORIES WITH SELLER DEVICES. USE OF ANY UNAUTHORIZED ACCESSORIES MAY BE DANGEROUS AND WILL INVALIDATE THE DEVICE WARRANTY IF SAID ACCESSORIES CAUSE DAMAGE OR A DEFECT TO THE DEVICE. SELLER SPECIFICALLY DISCLAIMS LIABILITY FOR ANY AND ALL DIRECT, INDIRECT, SPECIAL, GENERAL, PUNITIVE, EXEMPLARY,

AGGRAVATED, INCIDENTAL OR CONSEQUENTIAL DAMAGES, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGES, WHETHER FORESEEABLE OR UNFORESEEABLE OF ANY KIND WHATSOEVER, INCLUDING BUT NOT LIMITED TO LOSS OF PROFITS, UNANTICIPATED BENEFITS OR REVENUE, ANTICIPATED PROFITS ARISING OUT OF USE OF OR INABILITY TO USE ANY PRODUCT (FOR EXAMPLE, WASTED AIRTIME CHARGES DUE TO THE MALFUNCTION OF A PRODUCT) OR CONTRIBUTION OR INDEMNITY IN RESPECT OF ANY CLAIM RELATED TO A PRODUCT. REPAIR OR REPLACEMENT OF A DEFECTIVE PRODUCT OR REFUND OF THE PURCHASE PRICE RELATING TO A DEFECTIVE PRODUCT, AS PROVIDED UNDER THIS WARRANTY, ARE YOUR SOLE AND EXCLUSIVE REMEDIES FOR BREACH OF THE LIMITED WARRANTY, AND SUBJECT TO THIS WARRANTY, THE PRODUCTS ARE APPROVED AND ACCEPTED BY YOU "AS IS". SELLER MAKES NO OTHER WARRANTIES, REPRESENTATIONS OR CONDITIONS OF ANY KIND, ORAL OR WRITTEN, EXPRESS OR IMPLIED, STATUTORY OR OTHERWISE, WITH RESPECT TO THE PRODUCTS, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTY OR CONDITION OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR AGAINST INFRINGEMENT OR ANY IMPLIED WARRANTY OR CONDITION ARISING OUT OF TRADE USAGE OR OUT OF A COURSE OF DEALING OR COURSE OF PERFORMANCE. NO DEALER, DISTRIBUTOR, AGENT OR EMPLOYEE IS AUTHORIZED TO MAKE ANY MODIFICATION OR ADDITION TO THIS WARRANTY.

Some jurisdictions do not allow the exclusion or limitation of incidental or consequential damages, or allow limitations on how long an implied warranty lasts, so the above limitations or exclusions may

not apply to you. This limited warranty gives you specific legal rights, and you may also have other rights which vary from jurisdiction to jurisdiction.

For warranty service information, please call the following telephone number: 1-800-617-5065.

IMPORTANT: Please provide warranty information (proof of purchase) to ZTE in order to receive warranty service at no charge. If the warranty has expired on the device, charges may apply.