

T Mobile®

Hotspot 5G



User Guide

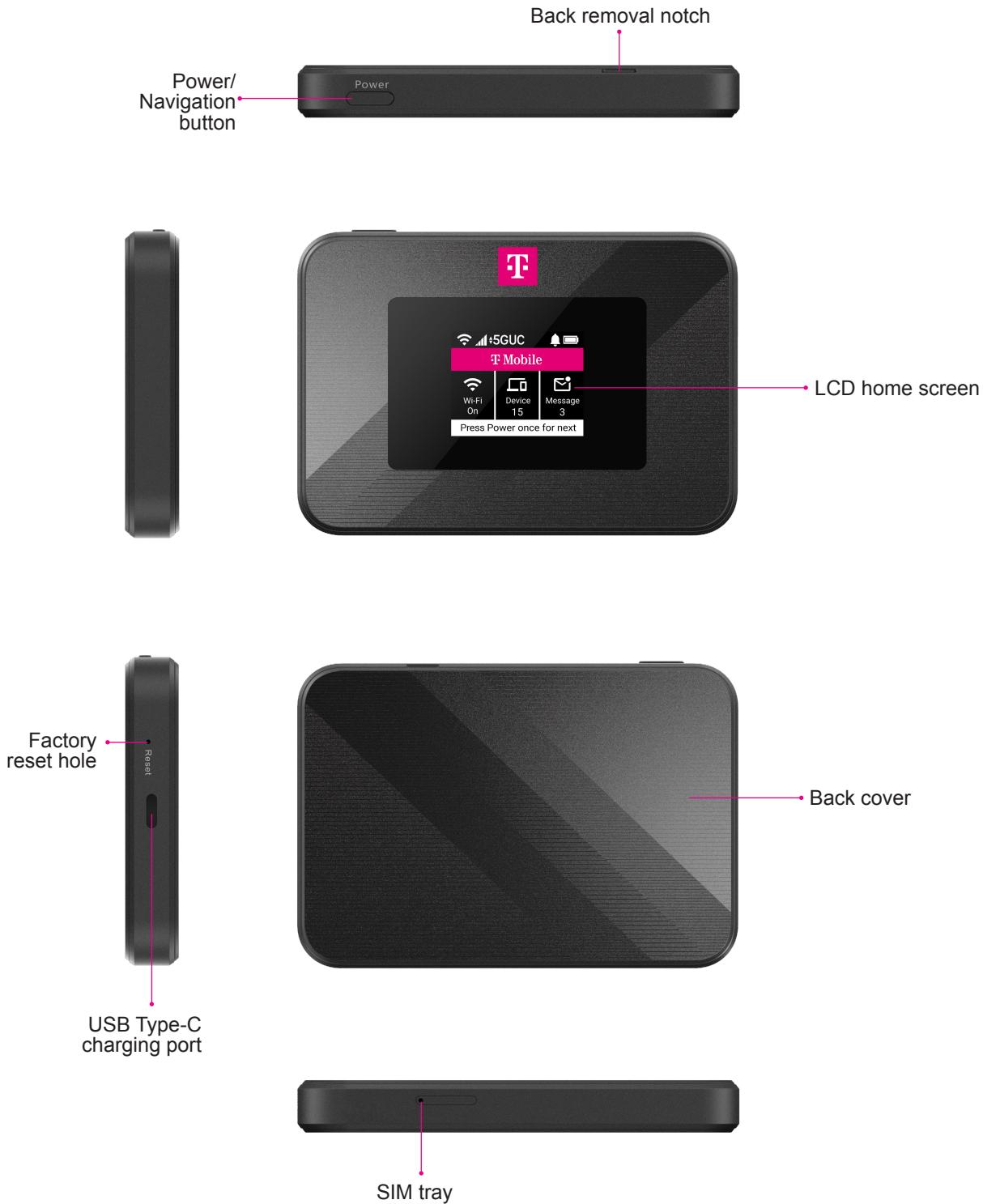
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Getting started

The topics in this section will introduce you to your device, help you get set up with service, provide an overview of the device operations.

Getting to know your device



Note: Your hotspot's screens are subject to change. This user guide uses sample images only.

Part	Description
Power/ Navigation key	<ul style="list-style-type: none"> • Press and hold for three (3) seconds to turn your hotspot on or off • Press once to wake display • From home screen, press one time to scroll through the main screens • From main screens, press two times to access the details of each main screen
LCD home screen	View information and access features of your hotspot
USB Type-C charging port	Connect the included charger for charging or connect the USB A side to a device for tethering (sold separately)
Factory reset hole	Using the included SIM pin to press and hold the Factory reset hole for five (5) seconds to perform a factory reset
Back removal notch	Use the back removal notch to remove the back cover

CAUTION! Inserting an accessory into the incorrect port may damage the device.

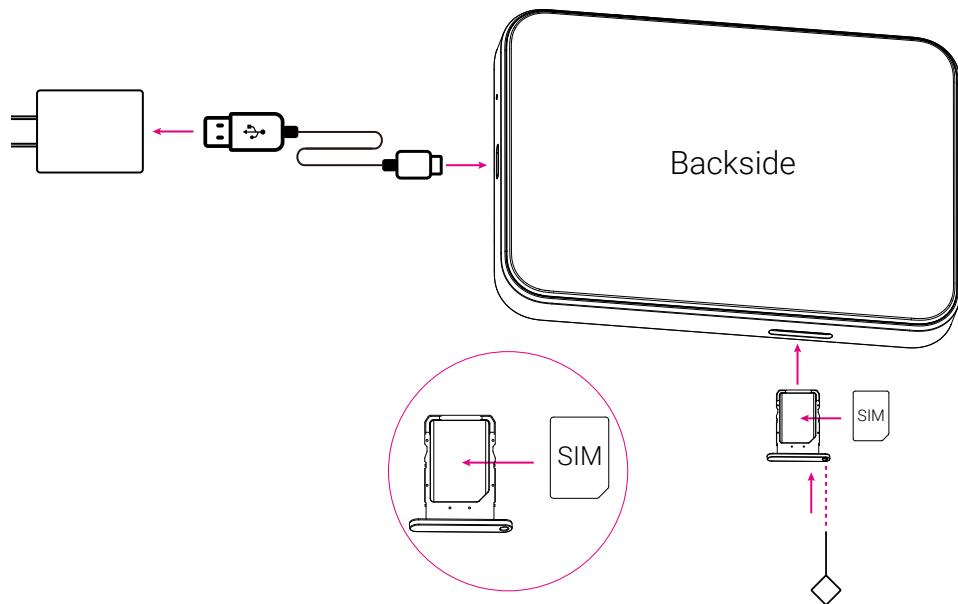
Installation

Install the SIM card

1. From the backside of the device, insert the included SIM pin to eject the SIM tray.
2. Place the Nano SIM card and with the gold contacts facing downward and the cut corner on the bottom right.
3. Gently slide the SIM tray back into the slot.

Charge your hotspot

1. Connect the micro USB end of the included charger into the USB C charging port located at the bottom of your hotspot
2. Connect the other end of the included charger to an electrical outlet to fully charge your hotspot.



Note: Your device only supports Nano SIM cards. It's recommended that you use the SIM card that is provided to you by T-Mobile.

Turn on your hotspot

Press and hold the Power/Navigation button for three (3) seconds to turn on your hotspot.

Check the wireless signal

When you turn on your hotspot device (with SIM card inserted), it will automatically connect to the cellular network. You might need to wait a few seconds for the signal strength icon to display on the screen, which will confirm that your device is connected to the cellular network.

Confirm signal strength has five (5) bars for optimal performance. Fewer bars indicate a moderate signal, which may be sufficient.

LCD display screen

Home screen



Note: The display will timeout after 30 seconds of inactivity to save power. Press the **Power/Navigation** button one time to wake the screen. This default setting can be adjusted on the WebUI (<http://mifimanager> or <http://192.168.0.1>) under **System > Device > Turn off screen**.

Indicator	Name	Description
	Wi-Fi indicator	Wi-Fi on
	Signal strength indicator	Indicates the signal strength. More signal bars indicates higher signal strength.
	Network indicator	Network information
	USB tethering	USB connected for tethering
	Notifications indicator	New notifications received
	Battery indicator	Show battery status: <ul style="list-style-type: none">White (> 50%): HighYellow (20% - 50%): MediumRed (< 20%): Low or no chargeCharging: Lightning bolt icon

Indicator	Name	Description
	Wi-Fi On/Off status	The On/Off status of the Wi-Fi
	Wi-Fi connected devices	The number inside the parenthesis indicates the number of Wi-Fi connected devices.
	New messages	The number inside the parenthesis indicates the number of new messages.
Press Power once for next		Press the Power/Navigation button one time to scroll through the main screens

Other main screens

From the Home screen, press the **Power/Navigation** button one time to scroll through the main screens, press it two times to access the details of each main screen.

Wi-Fi Info screen

From the Home screen, press the **Power/Navigation** button one time to access the Wi-Fi Info screen.

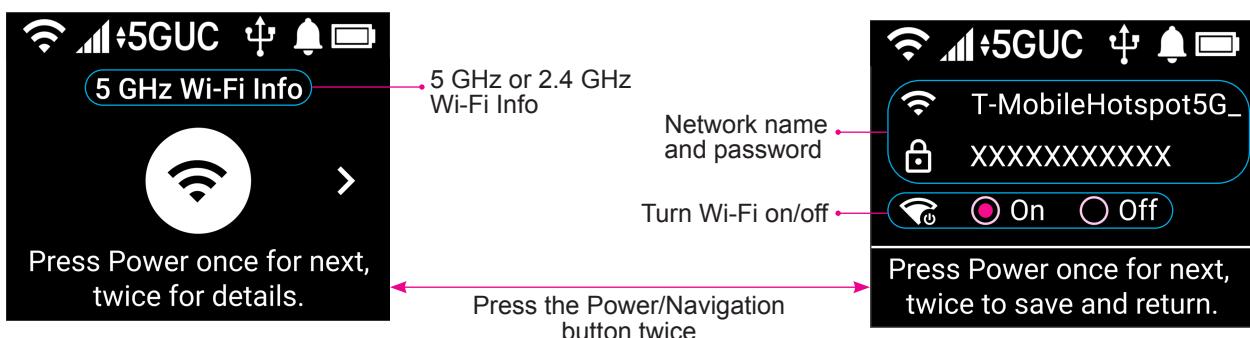
From the Wi-Fi Info screen, press the **Power/Navigation** button two times to access the Wi-Fi Info details screen to view your Wi-Fi network name and password.

You can change the default Wi-Fi network name and password via the WebUI.

Turn Wi-Fi On or Off

You can also enable or disable Wi-Fi on this screen.

1. Press the Power button once to toggle between On and Off.
2. When selected, press the Power button twice to save your choice and return to the main Wi-Fi menu.



Your hotspot does not simultaneously broadcast 5 GHz and 2.4 GHz Wi-Fi networks. The default Wi-Fi network is 5 GHz, but you can go to the WebUI to switch to the 2.4 GHz network.

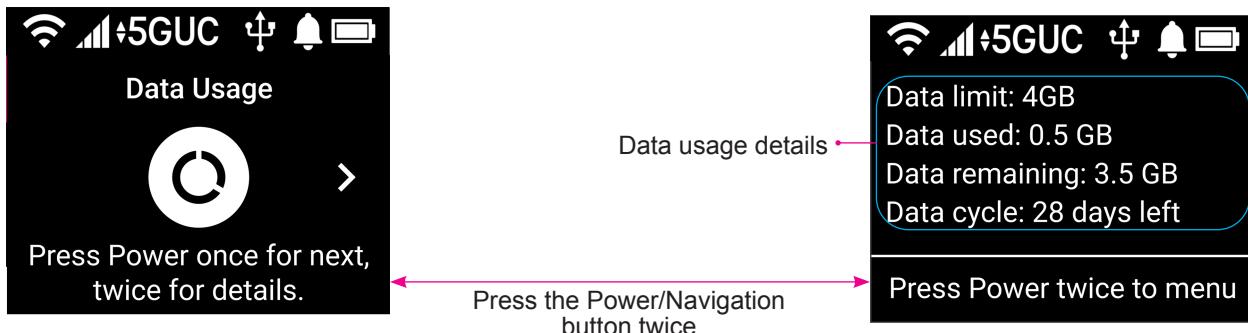
Note: The Wi-Fi name and password are visible by default, and you can hide it via the WebUI.

Data usage screen

From the Wi-Fi Info screen, press the **Power/Navigation** button one time to access the Data Usage screen.

From the Data Usage screen, press the **Power/Navigation** button two times to access the Data Usage details screen to view the data limit you've set, current data used, etc.

You can change the data limit and data cycle via the WebUI.



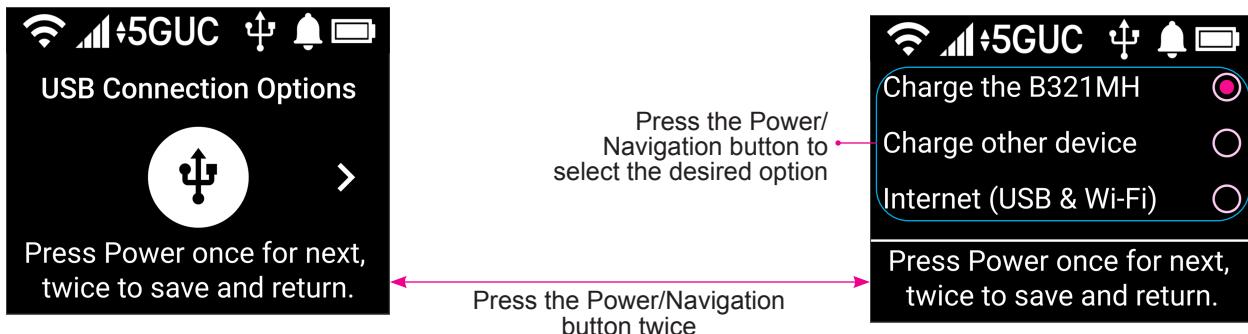
USB Connection Options screen

Note: The USB Connection Options screen will only be displayed when your hotspot is connected to another device.

From the Data Usage screen, press the **Power/Navigation** button one time to access the USB connection options screen.

From the USB connection options screen, press the **Power/Navigation** button two times to access the USB connection options details screen to select the desired option.

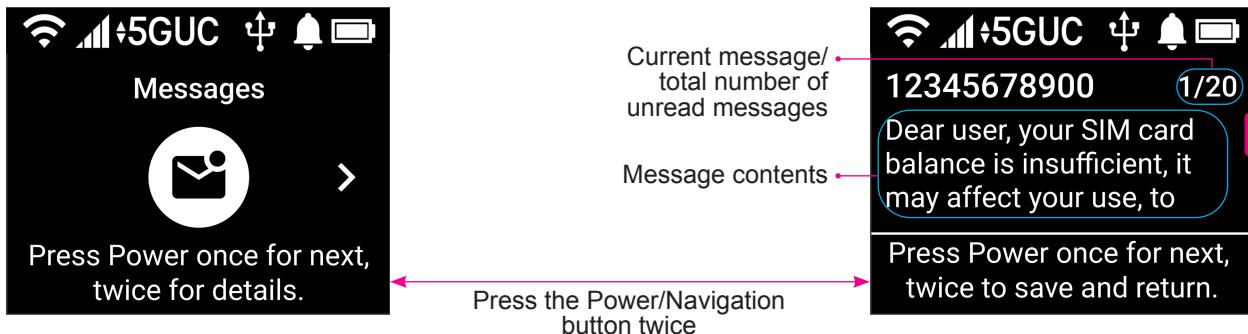
- **Charge the B321MH:** Charge your hotspot.
- **Charge other device:** Use your hotspot to charge other devices, such as a cell phone or tablet. Note: Do not select the Charge other device option if you want to use the battery for a relatively long time.
- **Internet (USB & Wi-Fi):** Access the internet with both USB tethering and Wi-Fi enabled.
- **Internet (USB only):** Access the internet with USB tethering activated.



Messages screen

From the Data Usage or USB Connection Options screen, press the **Power/Navigation** button one time to access the Messages screen.

From the Messages screen, press the **Power/Navigation** button two times to access the Messages details screen to view the latest unread message.



If a message is too long to display in one screen, press the **Power/Navigation** button one time to view the next screen of the current message.

From the last screen of the latest message, press the **Power/Navigation** button one time to view the next unread message.

To view or delete the previous read messages, go to the WebUI.

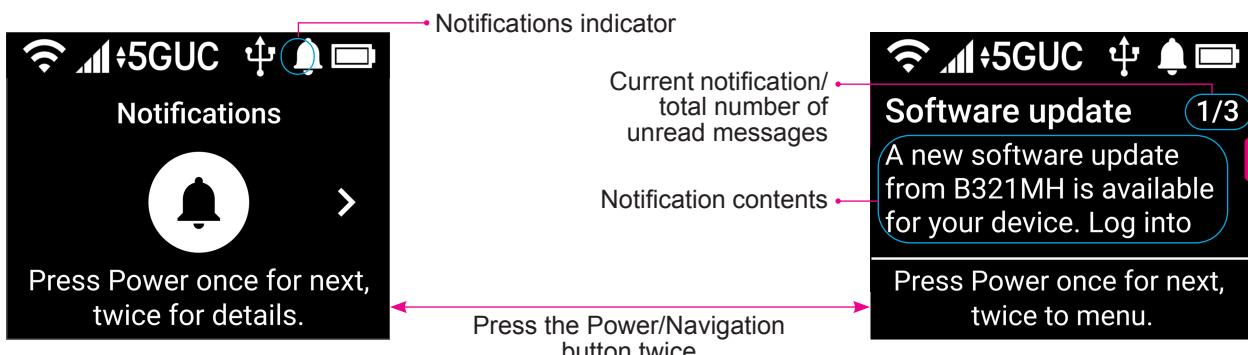
Notifications screen

From the Messages screen, press the **Power/Navigation** button one time to access the Notifications screen.

From the Notifications screen, press the **Power/Navigation** button two times to access the Notifications details screen to view the latest notification.

Notifications screen displays alert and reminder information that requires further action from the user, like a software update available, maximum Wi-Fi connections reached, maximum number of messages reached, etc.

Notifications will disappear automatically when the user has performed the corresponding actions and changed the device status.



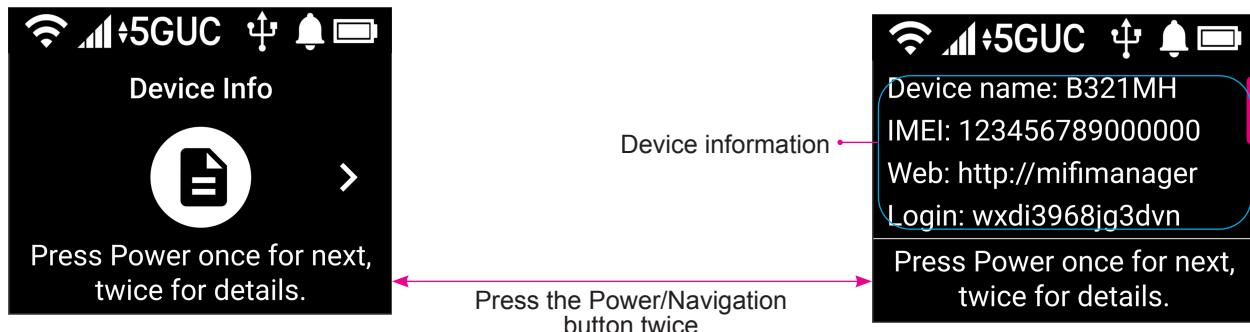
If a notification is too long to display in one screen, press the **Power/Navigation** button one time to view the next screen of the current notification.

From the last screen of the latest notification, press the **Power/Navigation** button one time to view the next unread notification.

Device Info screen

From the Notifications screen, press the **Power/Navigation** button one time to access the Device Info screen.

From the Device Info screen, press the **Power/Navigation** button two times to access the Device Info details screen to view your hotspot's important information.



Internet access

Connect via Wi-Fi

You can simultaneously connect up to fifteen (15) devices, including smartphones, tablets, and laptops, to your hotspot. Keep your hotspot in range of the device you want to connect with and follow the below steps:

1. Open the Wi-Fi network manager on your Wi-Fi enabled device that you would like to connect to your hotspot.
2. Find and select your hotspot's Wi-Fi network name (**T-Mobile5GHotspot_xxxx**) shown on your hotspot's Wi-Fi Info details screen.
3. Enter the Wi-Fi password shown on your hotspot's Wi-Fi Info details screen.
4. Open a web browser and visit your favorite website to confirm your connection.

Change Wi-Fi network name and password

You can customize your hotspot's Wi-Fi network name and password using the WebUI.

1. On any device that is connected to the hotspot, enter **http://mifimanager** or **http://192.168.0.1** directly into your browser address field.
2. Enter the login password which can be found on the Device Info screen of your device and on the label located under the battery of your hotspot.
3. Click **Log in**.
4. Go to **Wi-Fi > Advanced**.
5. To rename the Wi-Fi network name, delete the default network name listed in the Network name (SSID) and replace with your custom name.
6. To change the Wi-Fi network password, delete the default network password listed in the Password field and replace.
7. Click **Save**.
8. The hotspot will refresh with the updated Wi-Fi credentials.

Note: You will need to reconnect any connected Wi-Fi enabled devices to the hotspot after updating any credentials.

Your hotspot does not simultaneously broadcast 2.4 GHz and 5 GHz Wi-Fi networks. The default Wi-Fi network is 5 GHz.

To change 2.4 GHz Wi-Fi network name and password, follow the below steps:

1. Go to **Wi-Fi > Basic > AP Band > 2.4 GHz Band** to enable the 2.4 GHz Wi-Fi network.
2. Click **Advanced** tab to change your network name and password.
3. Click **Save**.

Note: Wi-Fi devices connected to 5 GHz Wi-Fi network will be disconnected when you switch from the 5 GHz Wi-Fi to the 2.4 GHz Wi-Fi network.

Hide Wi-Fi Network and Password

Your Wi-Fi network and password are set as visible by default on your hotspot's Wi-Fi Info details screen. You can hide them using the WebUI.

1. Log in to the WebUI.
2. Select **Wi-Fi > Advanced**.
3. Check the checkbox of **Hide network name on device** and **Hide password on device**.
4. Click **Save**.

Your hotspot's Wi-Fi network and password will then be hidden on the Wi-Fi Info details screen.

Connect via USB Tethering

You can also connect your computer to the hotspot using a USB cable to make a connection.

1. Connect one end of the USB cable to your hotspot and the other end to the computer.
2. Select **Internet (USB & Wi-Fi)** or **Internet (USB only)** on the **USB connection options** screen on your device.

Login

You can access the WebUI to manage your hotspot's settings, features, and controls.

1. Open a web browser on a computer or Wi-Fi enabled device that is connected to the hotspot's Wi-Fi network.
2. Enter **http://mifimanager** or **http://192.168.0.1** in the address bar of the browser.
3. Enter the default login password, which can be found on the Device Info screen of your device and on the label located under the battery of your hotspot.
4. Click **Log In**.
5. You will need to change your password upon your initial login to the WebUI. You can change the password to something easy to remember.

Forgot login password

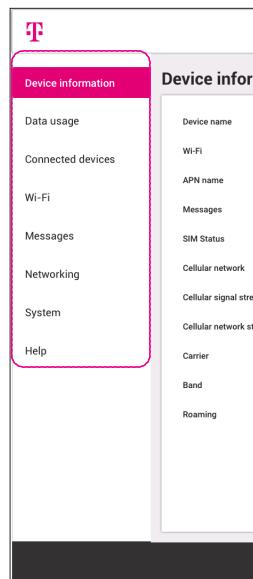
If you have changed the login and have forgotten the new one, you must restore the device to the factory default settings.

Using a narrow object, such as a paperclip or ballpoint pen, press and hold the **Factory reset** hole located at the side of your hotspot for five (5) seconds. You may then log in using the default login password which can be found on the Device Info screen of your device and on the label located under the battery of your hotspot.

Navigating the user interface

A navigation panel to the left side of the screen lists out all the main menus on the WebUI.

Click on the menu items to display related information and settings on the right side of the screen.



Sub-menu

The Networking and System sections have additional sub-menu displayed horizontally at the top of the screen, for example:

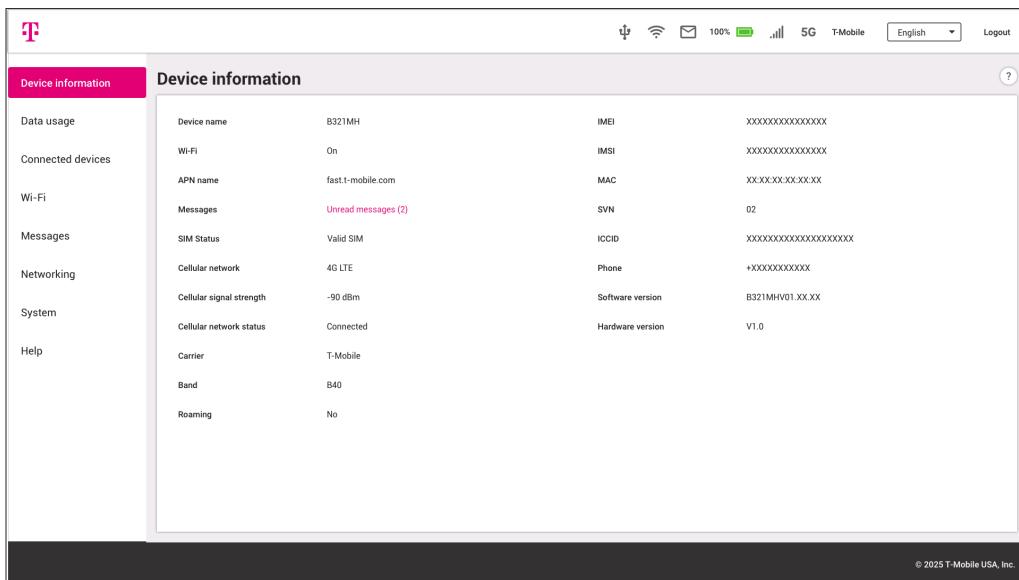


Help

Click the Help icon  on top of any page to access the information on the settings displayed on that page.

Device information

The Device information page displays an overview of your hotspot's status such as whether there are unread messages, firmware version, network connection status, network type, signal strength, etc. You can also view device details such as IMEI, SW version and the phone number associated with the device.



The screenshot shows the 'Device information' page with a sidebar on the left containing links for Data usage, Connected devices, Wi-Fi, Messages, Networking, System, and Help. The main content area is titled 'Device information' and lists various device details:

Category	Detail	Value	
Device name	B321MH	IMEI	XXXXXXXXXXXXXX
Wi-Fi	On	IMSI	XXXXXXXXXXXXXX
APN name	fast.t-mobile.com	MAC	XXXXXXXXXX:XX:XX:XX
Messages	Unread messages (2)	SVN	02
SIM Status	Valid SIM	ICCID	XXXXXXXXXXXXXXXXXXXX
Cellular network	4G LTE	Phone	+XXXXXXXXXXXX
Cellular signal strength	-90 dBm	Software version	B321MHV01.XX.XX
Cellular network status	Connected	Hardware version	V1.0
Carrier	T-Mobile		
Band	B40		
Roaming	No		

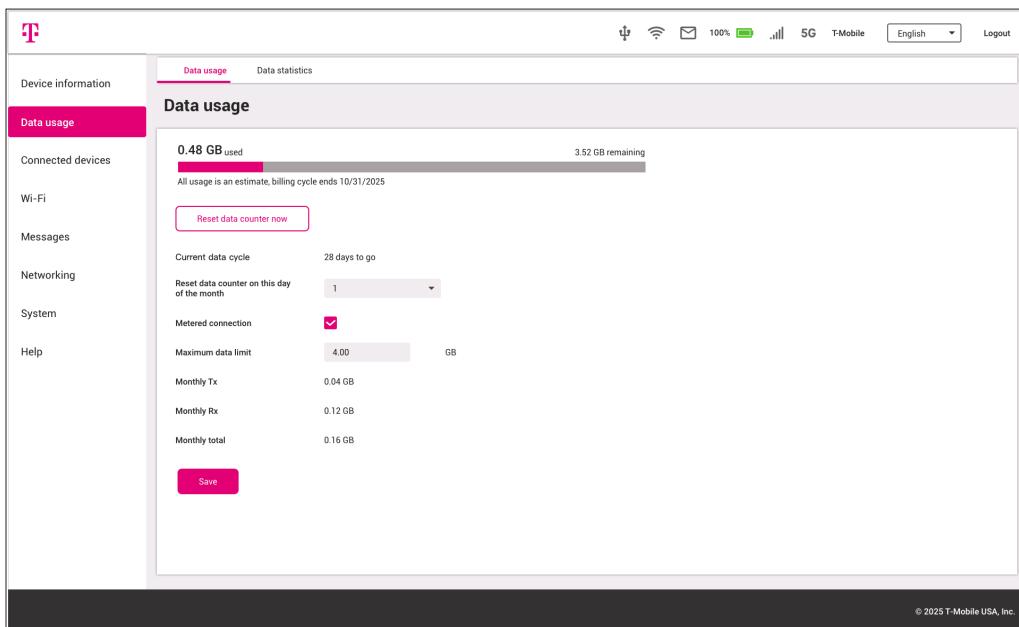
At the bottom right of the page is the text '© 2025 T-Mobile USA, Inc.'

Data usage

This page provides information about your hotspot's data usage and billing plan. You can control your data consumption by establishing a maximum data limit, resetting the data counter, and more.

Note: The data usage information presented may vary from the official T-Mobile data usage details. For accurate information, always check your T-Mobile account.

Data usage



The screenshot shows the 'Data usage' page with a sidebar on the left containing links for Device information, Data usage, Connected devices, Wi-Fi, Messages, Networking, System, and Help. The main content area is titled 'Data usage' and displays data usage statistics and configuration options:

0.48 GB used (progress bar showing usage) **3.52 GB remaining**

All usage is an estimate; billing cycle ends 10/31/2025

Reset data counter now

Current data cycle: 28 days to go

Reset data counter on this day of the month: 1

Metered connection:

Maximum data limit: 4.00 GB

Monthly Tx: 0.04 GB

Monthly Rx: 0.12 GB

Monthly total: 0.16 GB

Save

At the bottom right of the page is the text '© 2025 T-Mobile USA, Inc.'

Estimated data usage: This section shows the estimated data usage for the current billing cycle, up to the specified date.

Reset data counter now: Set the Data Counter to zero (0) and update the Reset date counter to today's date for this month.

Current data cycle: This indicates the number of days left in the current cycle.

Reset date counter on this day of the month: This is the user-defined start date for data usage.

Metered connection: Check this box if you wish to establish a data limit.

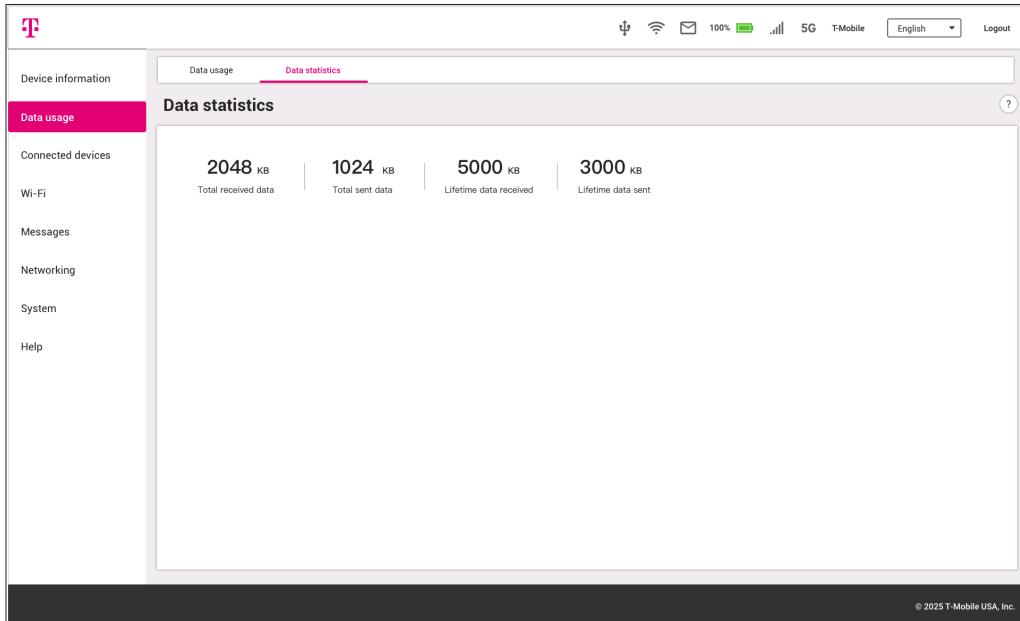
Maximum data limit: This is the user-defined total data limit used to calculate the remaining and used data within the cycle.

Monthly Tx (Transmission): The amount of data sent during the current billing cycle.

Monthly Rx (Reception): The amount of data received during the current billing cycle.

Monthly total: The total amount of data used during the current billing cycle.

Data statistics



The screenshot shows the 'Data statistics' tab selected in the top navigation bar. Below the tabs, there are four data points displayed in a grid:

2048 KB	1024 KB	5000 KB	3000 KB
Total received data	Total sent data	Lifetime data received	Lifetime data sent

At the bottom right of the page, there is a copyright notice: © 2025 T-Mobile USA, Inc.

Click **Data Statistics** tab to view below information:

Total received data: The total amount of data received by the hotspot since the last reset.

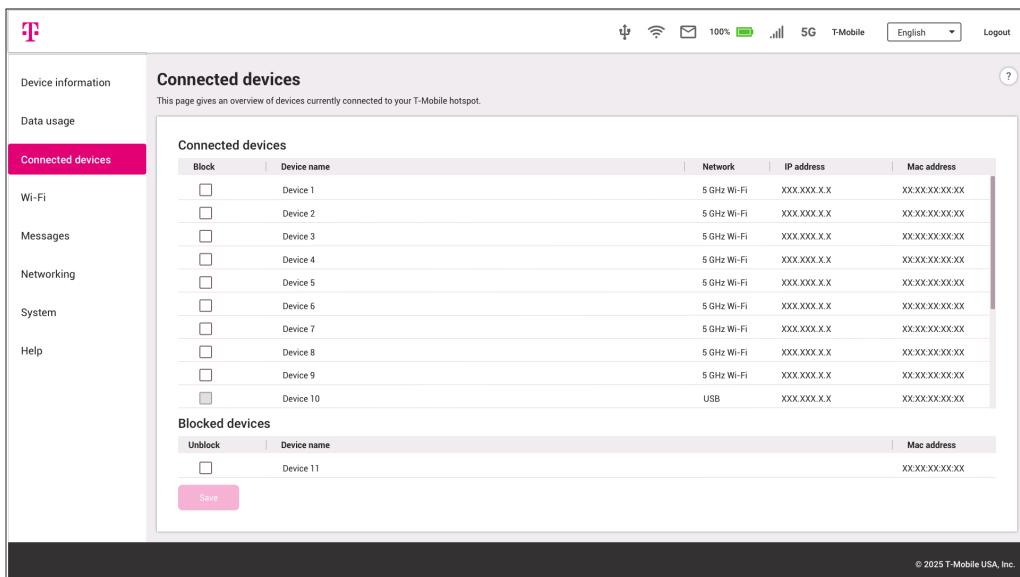
Total sent data: The total amount of data sent by the hotspot since the last reset.

Lifetime data received: All data received by the hotspot since its initial activation.

Lifetime data sent: All data sent by the hotspot since its initial activation.

Connected devices

The Connected devices page displays a list of Wi-Fi devices that are currently connected to your hotspot. You can monitor who has access to your network and block (or unblock) devices as required.



The screenshot shows the 'Connected devices' tab selected in the top navigation bar. The page displays two tables:

Connected devices

Block	Device name	Network	IP address	Mac address
<input type="checkbox"/>	Device 1	5 GHz Wi-Fi	XXX.XXX.X.X	XX:XX:XX:XX:XX:XX
<input type="checkbox"/>	Device 2	5 GHz Wi-Fi	XXX.XXX.X.X	XX:XX:XX:XX:XX:XX
<input type="checkbox"/>	Device 3	5 GHz Wi-Fi	XXX.XXX.X.X	XX:XX:XX:XX:XX:XX
<input type="checkbox"/>	Device 4	5 GHz Wi-Fi	XXX.XXX.X.X	XX:XX:XX:XX:XX:XX
<input type="checkbox"/>	Device 5	5 GHz Wi-Fi	XXX.XXX.X.X	XX:XX:XX:XX:XX:XX
<input type="checkbox"/>	Device 6	5 GHz Wi-Fi	XXX.XXX.X.X	XX:XX:XX:XX:XX:XX
<input type="checkbox"/>	Device 7	5 GHz Wi-Fi	XXX.XXX.X.X	XX:XX:XX:XX:XX:XX
<input type="checkbox"/>	Device 8	5 GHz Wi-Fi	XXX.XXX.X.X	XX:XX:XX:XX:XX:XX
<input type="checkbox"/>	Device 9	5 GHz Wi-Fi	XXX.XXX.X.X	XX:XX:XX:XX:XX:XX
<input checked="" type="checkbox"/>	Device 10	USB	XXX.XXX.X.X	XX:XX:XX:XX:XX:XX

Blocked devices

Unlock	Device name	Mac address
<input type="checkbox"/>	Device 11	XX:XX:XX:XX:XX:XX

At the bottom left, there is a 'Save' button.

To block a device, select a device from your Connected devices list and click the **Save** button.

To unblock a device, select a device from your Blocked devices list and click the **Save** button.

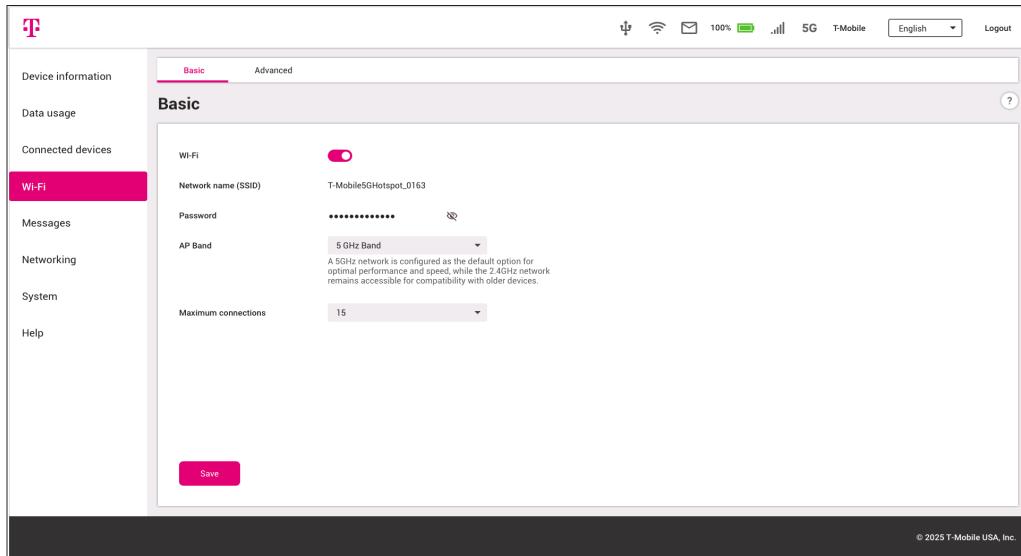
Note: The unblocked device will not be automatically included in the list of connected devices. You will need to connect it manually again.

Wi-Fi

Wi-Fi page displays a summary of the current configuration of the 2.4 GHz and 5 GHz Wi-Fi settings of your hotspot.

Your hotspot does not simultaneously broadcast 2.4 GHz and 5 GHz Wi-Fi networks.

Basic



Wi-Fi: Turn the Wi-Fi on or off as required. If Wi-Fi is turned off, the hotspot's Wi-Fi network will be unavailable, and the only way to connect to the hotspot will be via a USB cable.

Network Name (SSID): Display the network name that is displayed to client devices when they scan for networks to join. To change your network name, click the **Advanced** tab at the top of the screen, enter your new network name, and then click the **Save** button to apply the changes..

Password: Display the Wi-Fi password that must be entered on any client devices needing to connect to your hotspot.

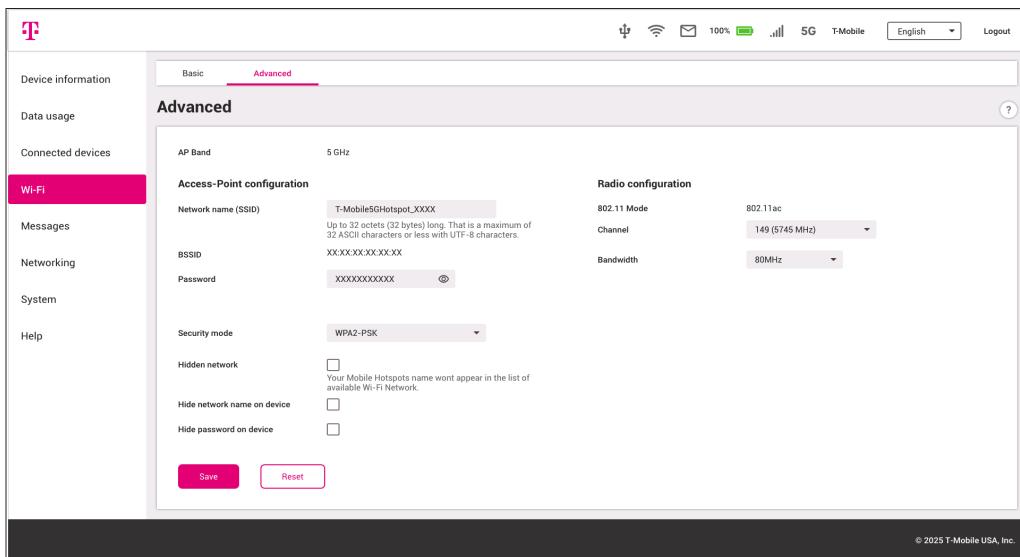
To change your Wi-Fi password, click the **Advanced** tab at the top of the screen, enter your new password, and then click the **Save** button to apply the changes.

Note: If you have changed the login and have forgotten the new one, you must restore the device to the factory default settings. Using a narrow object, such as a paperclip or ballpoint pen, press and hold the **Factory reset** hole located at the side of your hotspot for five (5) seconds. You may then log in using the default login password shown on your hotspot's Wi-Fi Info details screen.

AP Band: Select the Wi-Fi network band, 2.4 GHz or 5 GHz. The system automatically detects and displays the current band.

Maximum connections: Set the maximum number of devices that can connect simultaneously to the hotspot's Wi-Fi network. The default maximum number of devices is set to 15 devices.

Advanced



Access-Point configuration

AP Band: Current Wi-Fi network band.

Network Name (SSID): Set the network name or SSID for the Wi-Fi network

BSSID: BSSID is a unique identifier for a specific access point (AP) within a Wi-Fi network. This field is not editable.

Password: Enter the Wi-Fi Password in this field.

Security mode: Choose your preferred option for Wi-Fi security.

- **WPA2-PSK** can be used for WPA2 devices and is set as the default security mode.
- **WPA2-PSK/WPA3-Personal** allows client devices that support either WPA2-PSK or WPA3-Personal to connect.
- **WPA3-Personal** is the latest and most secure mode.
- **Open** allows client devices to connect to your Wi-Fi network without entering a password. For your security, this option should be avoided.

Hidden network: Hide your hotspot from being visible in the list of available Wi-Fi networks.

Hide network name on device: Check this box to hide the Wi-Fi network name on the hotspot's screen. If not checked, the Wi-Fi network name will be visible on hotspot's Wi-Fi menu.

Hide password on device: Check this box to hide the Wi-Fi password on the hotspot's screen. If not checked, the Wi-Fi password will be visible on hotspot's Wi-Fi menu.

Radio configuration

802.11 mode: Displays the hotspot's Wi-Fi connecting mode. 802.11ac operates in the 5 GHz band with higher throughput.

Channel: Shows the wireless channel that the radio is operating on. In most situations, leaving this as Automatic will work best, but you can manually change the channel selection using this option.

Bandwidth: Shows the bandwidth of the frequency range used by a channel, which affects the amount of data that can be transmitted simultaneously. In most situations, leaving this as Automatic will work best, but you can manually change the channel selection using this option.