User Guide

AT&T Velocity® USB Stick

ZTE

Tomorrow never waits

Contents

Get Started

This chapter provides an overview of the features of your AT&T Velocity USB Stick and instructions on how to set it up and connect to the Internet.

Know Your Device

USB connector – Connects to your computer through a standard (type A) USB port.

USB connector pivot – Allows the USB connector to rotate for easier connection to computers.

Back cover (removable) – Covers the nano-SIM card slot.

Indicator light – Indicates connection status and more (see *Status Indicator Light* on page 5 for details).

Nano-SIM card slot

USB folding hinge

External antenna connector

External antenna connector – Allows an external antenna to be connected, if necessary.

USB folding hinge – Allows the USB connector to fold in for storage or out to plug into a computer.

Nano-SIM card slot – Spring-loaded slot for insertion of a 4G LTE™ nano-SIM card (preinstalled).

Status Indicator Light

The color and behavior of the light indicates the device's current status regarding network connection, nano-SIM card, software updates, and more.

Color	Status	Description
Green	Solid	Device ready, network connection registered
	Blinking	Device powering up, searching for network
Yellow	Solid	No network service
	Blinking	Software upgrading or new message received (see *View Messages* on page 10).
Red	Solid	Failure state (no SIM, locked SIM, SIM error, PUK error)
	Blinking	Software upgrade failure

Set Up and Connect to the Internet

Connect to a Computer

1. Use your thumb to gently flip open the USB connector on the device.

   Note: Avoid overextending the USB connector past its resistance point.

2. Hold the device along its side edges and gently insert it into your computer's USB port.

3. The operating system will automatically detect and recognize your device and install any needed drivers. (If you are using a Mac, see *Install the Driver (Mac® OS X®)* below.)

Note: Compatible with many operating systems; see *Supported Operating Systems* on page 22 for details. Installation may vary depending on your operating system and version.

Install the Driver (Mac OS X)

Note: Installing the driver will improve data speed, particularly on systems running version 10.10.

1. Insert the AT&T Velocity USB Stick into a USB port on your Mac.

2. Double-click on the **AT&T USB Modem** icon that appears.

3. Double-click on the **AT&T USB Modem** package icon. (You may need to enter your password.)

Uninstall the Driver (Mac OS X)

1. Disconnect from the Internet and remove the AT&T Velocity USB Stick from your Mac.

2. Open Applications (in Finder, click **Go** > **Applications** or press **Shift-Command-A**) and double-click on the **Uninstall AT&T USB Modem** icon.

3. Click **Uninstall**. (If you have not yet removed the AT&T Velocity USB Stick from your Mac, remove it and click **OK**.)

4. You may need to enter your password. When driver removal is finished, click **Close**.

Connect to the Internet

Once installation is complete, your device will automatically connect to the network. Connection is complete when the indicator light is solid green.

Disconnect and Remove the Device

Disconnect From the Network

1. Launch a browser and enter **http://attusbmodem/** or **http://192.168.1.1** in the address bar.

2. Under Domestic Data, click **Off** next to **Mobile Data**.

3. Click **Apply**.

Properly Remove the Device

Disconnect from the network and close the management web site before removing the device from the computer. You can safely remove the device at any time when you are not connected to the network. Gently grip the device on both sides and pull straight out of the port to avoid damaging the USB connector.

Use the AT&T Velocity USB Stick

This chapter describes the main features of the web site for managing and configuring the device.

Management Web Site

Launch a browser and enter **http:/attusbmodem/** or **http://192.168.1.1** in the address bar. You will see this screen:
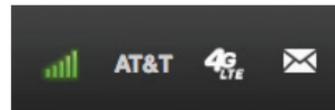

Menu
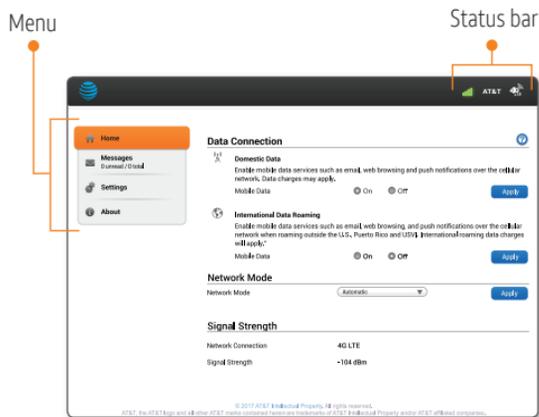
Status bar

Navigation options:

- **Home** – Manage your network connection.
- **Messages** – Read messages from AT&T.
- **Settings** – Manage advanced settings.
- **About** – View device details, such as your wireless number.

View Network Information

On the right side of the status bar at the top of the management web site, you can view network information, such as the signal strength, operator, and network mode.

Configure Data Network Options

You can turn the data connection on or off, choose whether to allow the device to be used when roaming internationally, and select the preferred network mode.

1. From the management web site, click **Home** on the menu and do one of the following:

    - **To enable/disable mobile data:** Under Domestic Data, click **On** or **Off** next to **Mobile Data**.
    - **To enable/disable international roaming:** Under International Data Roaming, click **On** or **Off** next to **Mobile Data**.
    - **To set network mode:** With mobile data off, click the drop-down box beside **Network Mode** and select the one you prefer.

      Note: Specifying a mode may limit network availability.

2. Click **Apply**.

View Messages

Your device can receive important messages from AT&T about your service plan and software updates for your device. You cannot reply to them. The indicator light will turn yellow and blink when you have a new message (see *Status Indicator Light* on page 5).
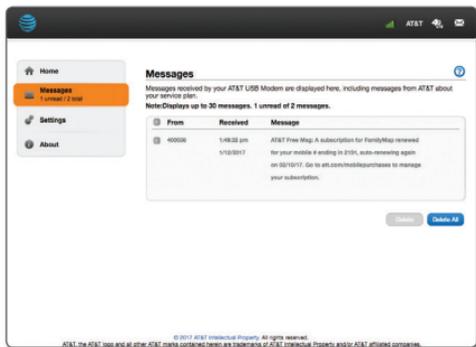
1. From the management web site, click **Messages** on the menu to view your messages.
2. Click on a message to mark it as read.
3. To delete a message, click the checkbox beside the message, and then click **Delete**. You can also click **Delete All** to delete all messages in the list.

View Details

You can view details about your device, such as the wireless number, hardware version, and IMEI. From the management web site, click **About** on the menu.
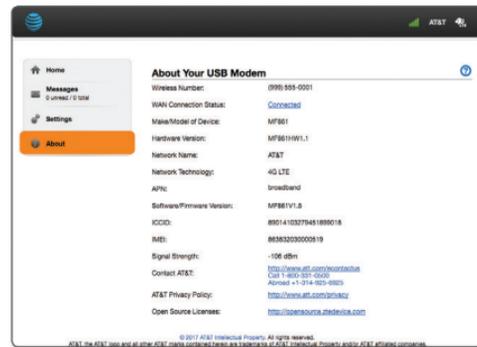
View Local Time and Time Zone

You can view the local time and time zone.

1. From the management web site, click **Settings** on the menu.
2. Click **Advanced** > **Time/Date**.

Replace the Nano-SIM Card

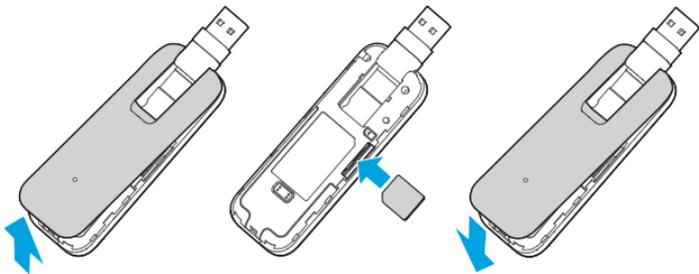The device comes with a nano-SIM card preinstalled. Should you need to swap out your nano-SIM card, follow these instructions.

WARNING! To avoid damage to the device, do not use any other kind of SIM card, or any nonstandard nano-SIM card cut from a SIM card. You can get a standard nano-SIM card from your service provider.

1. Gently pry the back cover away from the notch at the top of the device.

   Note: Open the back cover carefully to avoid damaging it.

2. Remove the existing nano-SIM card.

3. Insert the new nano-SIM card in the slot.

4. Replace the back cover.

Reset the Device

You can reset the device to its original factory settings.

**Note:** If you reset the device to factory settings, all of your customizations will be lost.

1. Go to the management web site at **http://attusbmodem** and click **Settings** on the menu.

2. Click **Advanced** > **Device Reset**.

3. Click **Reset**.

Advanced Settings

This chapter provides information on how to configure advanced settings for the device, such as APN, firewall, SIM PIN, and more.

Note: Disconnect the device from the network before changing any settings (see *Disconnect From the Internet* on page 7).
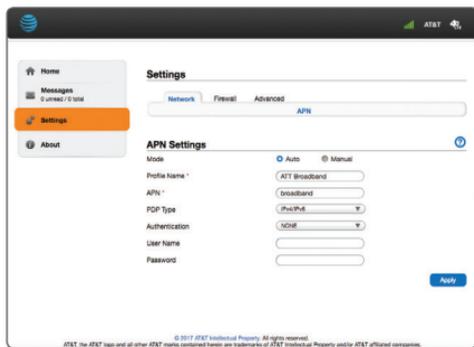
Settings tabs:

- **Network** – Add a new APN or select one to use.
- **Firewall** – Configure MAC/IP/Port Filtering or DMZ settings.
- **Advanced** – Configure SIM PIN, view local time and time zone, or reset the device.

Configure APN Details

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

Add an APN for Another Network

1. From the management web site, click **Settings** on the menu.
2. On the Network tab, next to **Mode**, click **Manual**.
3. Click **Add**.
4. Enter the profile name and APN (obtained from your carrier).
5. Select the PDP type: IPv4, IPv6, or IPv4/IPv6 (default).
6. Select the DNS mode. If set to Manual DNS, you will need to enter the Primary DNS and (optionally) Secondary DNS.
7. Select the network authentication mode: NONE (default), CHAP, or PAP.
8. Enter the user name and password.
9. Click **Save**.

Select the APN Entry to Use

1. From the management web site, click **Settings** on the menu.
2. On the Network tab, next to Mode, click **Manual**.
3. From the drop-down box beside **Profile Selection**, select the desired APN.
4. Click **Set Default**.

Remove an APN Entry

1. From the management web site, click **Settings** on the menu.

2. From the drop-down box beside **Profile Selection**, select the APN you want to remove.

3. Click **Delete**.

Note: You cannot delete the default profile. Set another profile as the default before attempting to delete.

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.

Enable Port Filtering

1. From the management web site, click **Settings** on the menu.

2. Click **Firewall**.

3. On the MAC/IP/Port Filtering tab, click **Enable**.

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 **Add Custom Application**, but you need to know the 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 used by outgoing traffic.

- **Dropped** – Internet traffic is blocked by default. Only traffic from the selected predefined or custom applications is allowed to access the Internet.

5. Click **Apply**.

6. Check the applications you will allow to access the Internet and click **Apply**, or click **Add Custom Application** to add application and filter settings (see *Add a New Port Filtering Rule* below for details).

Add a New Port Filtering Rule

1. On the management web site, from the **Settings** > **Firewall** > **MAC/IP/Port Filtering** tab, with filtering Enabled, click **Add Custom Application**.

2. Enter the details under MAC/IP/Port Filtering Settings, as described in *Port Filtering Options* on page 18.

3. Click **Apply** to save the rule.

Port Filtering Options
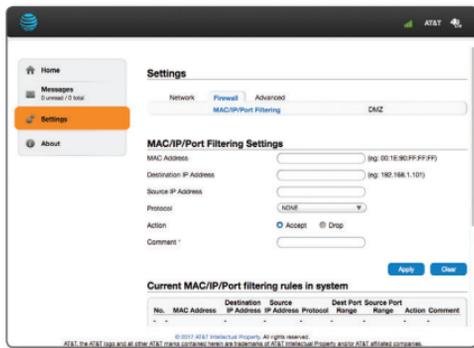
- **MAC Address** – Set the MAC address to be filtered.
- **Destination IP Address** – Set the destination IP address to be filtered.
- **Source IP Address** – Set the source IP address to be filtered.
- **Protocol** – Select which protocol will be used for filtering.
- **Action** – Select whether to **Accept** or **Drop** packets that match the rule.
- **Comment** – Enter a comment about the filter settings.

Delete a Port Filtering Rule

1. On the management web site, from the **Settings** > **Firewall** > **MAC/IP/Port Filtering** tab, with filtering Enabled, click **Add Custom Application**.

2. Under **Current MAC/IP/Port filtering rules in system**, click to check the box beside the rule you want to delete.

3. Click **Delete**.
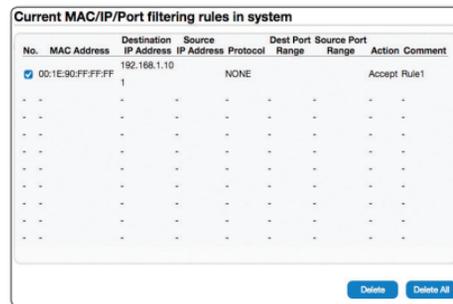
Enable DMZ

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 to the rest of the network.

1. From the management web site, click **Settings**.

2. Click **Firewall** > **DMZ**.

3. Click **Enable** next to **DMZ Settings**.

4. Click **Apply**.

Configure SIM PIN

If the SIM PIN feature is enabled for the nano-SIM card in your device, you will need to enter the PIN when you log in for the first time. To change the SIM PIN status, you need to disconnect from the network first (see *Disconnect From the Network* on page 7 for details).

Note: The nano-SIM card will be locked if you enter the wrong PIN three times consecutively.

Enable or Disable the SIM PIN

1. From the management web site, click **Settings**.
2. Click **Advanced** > **SIM PIN**.
3. Click **Enable** or **Disable** next to **PIN Status**.
4. Enter the SIM PIN and click **Apply**.

Change the SIM PIN

Note: You must enable the SIM PIN before you can change the PIN.

1. From the management web site, click **Settings**.
2. Click **Advanced** > **SIM PIN**.
3. Click **Change PIN**.
4. Enter the current PIN and the new PIN; click **Apply**.

Troubleshooting

Problem	Solution
Cannot access the Internet	Wait until the device has connected to the network (indicator light is solid green, not blinking). Move to a location with a stronger signal. Make sure the device contains a nano-SIM card. Contact your service provider.
Cannot access the management web site	Wait until the device has connected to the network (indicator light is solid green, not blinking). Make sure you have entered the correct address: **http://attusbmodem** or **http://192.168.1.1** . Only use one network adapter in your computer.
Connection is slow	If you are using a computer running Mac OS X, install the device driver. (See *Install the Driver (Mac OS X)* on page 6.) Move to a location with a stronger signal.

Specifications

Mechanical Specifications

Dimensions	3.82" (L) x 1.30" (W) x 0.63" (D)
Weight	3.17 oz.
Memory	256 MB RAM/512 MB ROM
USB Version	USB 2.0
Connectivity	LTE/UMTS

Supported RF Bands

Technology	Bands
Cat 6 LTE	B2 / B4 / B5 / B12 / B29 / B30
HSPA	2100 / 850 / 900 / 1900

Supported Operating Systems

OS	Versions
Microsoft® Windows®	7, 8, and 10
Mac OS X	10.5 and above
Linux® Ubuntu®	32-bit 15.04, 15.10, 16.04
Linux Fedora®	32-bit 21, 22, 23, 25

Health and Safety Information

To the Owner

- If inadequately shielded, some electronic devices may be affected by the electromagnetic interference caused by the modem, such as the electronic system of vehicles. Consult the manufacturers of such devices before using the modem if necessary.

- Operating the modem may interfere with medical instruments such as hearing aids and pacemakers. Always keep the modem more than 20 centimeters (8 inches) away from such medical instruments when your modem is turned on. Turn the modem off if necessary. Consult a physician or the manufacturers of medical instruments before using the modem if necessary.

- Be aware of the usage limitation when using the modem at places such as oil warehouses or chemical factories, where there are explosive gases or explosive products being processed. Turn off the modem if necessary.

- Do not use electronic transmission devices in aircrafts, at gas stations or in hospitals. Observe and obey all warning signs, and turn off the modem in these conditions.

- Do not touch the inner antenna area unless it is necessary. Otherwise the performance of the modem may be affected.

- Keep the modem out of the reach of little children. The modem may cause an injury if used as a toy.

- When the modem is operating, do not touch the metallic parts. Failing to do so may cause burns.

Using Your USB Stick

- Use original accessories or accessories that are authorized. Using any unauthorized accessories may affect the performance of the modem and violate the related national regulations about telecom terminals.

- Avoid using the modem near or inside metallic structures or establishments that can emit electromagnetic waves, because signal reception may be affected.

- The modem is not waterproof. Keep the modem dry and store it in a shady and cool place.

- Do not use the modem immediately after a sudden temperature change. In such case, dew may be generated inside and outside the modem, so do not use it until it becomes dry.

- Handle the modem carefully. Do not drop, bend or strike it. Otherwise the modem may be damaged.

- Only qualified personnel can dismantle and repair the modem.

- An operating temperature between -10°C (14°F) and +55°C (131°F) and a humidity between 5% and 95% are recommended.

RF Exposure Information (SAR)

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.

The exposure standard for wireless devices employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6 W/kg.

Tests for SAR are conducted using standard operating positions accepted by the FCC with the device transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the device while operating can be well below the maximum value. This is because the device is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output.

The device was tested according to FCC RF exposure procedures to address hand and near-body exposure conditions, and the highest SAR value as reported to the FCC is **1.40 W/kg**.

While there may be differences between the SAR levels of various devices and at various positions, they all meet the government requirement.

The FCC has granted an Equipment Authorization for this device with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. SAR information on this device is on file

with the FCC and can be found under the Display Grant section of **www.fcc.gov/oet/ea/fccid** after searching on **FCC ID: SRQ-MF861**.

This device has been tested and meets the FCC RF exposure guidelines.

SAR compliance for body operation is based on a separation distance of 10 mm between the unit and the human body. Carry this device at least 10 mm (0.4 in.) away from your body to ensure RF exposure level compliant with or lower than the reported level.

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.

Warranty

ZTE offers you a limited warranty that the enclosed subscriber unit and its enclosed accessories 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 and 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 only to end users in the United States.

1. This product is warranted for 12 (twelve) months from date of purchase.

2. The product will be repaired or replaced free of charge by local Authorized Service Centers, if, at their sole discretion, it is found to be faulty within the warranty period.

3. This warranty only applies to products sold and distributed within countries approved by ZTE and its authorized distributors and/or retail outlets.

4. This warranty only applies if the product has been used in accordance with the manufacturer's instructions under normal use and with reasonable care.

5. What this warranty does not cover:

   a) Defects or damages resulting from the misuse of this product.

   b) Defects or damages from abnormal use, abnormal conditions, improper storage, exposure to moisture, dampness or corrosive environments, unauthorized modifications, unauthorized repair, neglect, rough handling, abuse, accident, alteration, improper installation, incorrect voltage application, food or liquid spillage, acts of God.

   c) Normal wear and tear.

   d) If the Product has been opened, modified, or repaired by anyone other than a warranty service center, or if it is repaired using unauthorized spare parts.

   e) If the serial number or mobile accessory date code has been removed, erased, defaced, altered, or is illegible in any way subject to sole judgment of ZTE.

LIMITED WARRANTY

TO THE EXTENT PERMITTED BY APPLICABLE LAW, THIS LIMITED WARRANTY IS YOUR SOLE AND EXCLUSIVE REMEDY AGAINST ZTE AND ZTE'S SOLE AND EXCLUSIVE LIABILITY IN RESPECT OF DEFECTS IN PRODUCT. HOWEVER, THIS LIMITED WARRANTY SHALL NOT EXCLUDE NOR LIMIT ANY OF YOUR LEGAL (STATUTORY) RIGHTS UNDER THE APPLICABLE NATIONAL LAWS.

TO THE EXTENT PERMITTED BY APPLICABLE LAW, ZTE DOES NOT ASSUME ANY LIABILITY FOR LOSS OF OR DAMAGE TO OR CORRUPTION OF DATA, FOR ANY LOSS OF PROFIT, LOSS OF USE OF PRODUCTS OR FUNCTIONALITY, LOSS OF BUSINESS, LOSS OF REVENUES OR LOSS OF ANTICIPATED PROFIT, INCREASED COSTS OR EXPENSES, OR FOR ANY INDIRECT, SPECIAL, OR CONSEQUENTIAL LOSS OR DAMAGE. TO THE EXTENT PERMITTED BY APPLICABLE LAW, ZTE'S LIABILITY SHALL BE LIMITED TO THE PURCHASE VALUE OF THE PRODUCT.

THE ABOVE LIMITATIONS SHALL NOT APPLY TO DEATH OR PERSONAL INJURY CAUSED BY DEFECT OF PRODUCT IN MATERIAL, DESIGN, AND WORKMANSHIP.

How to Get Warranty Service

To obtain warranty service, please call (877) 817-1759. Please have the following information available when you send the device in for repair:

- A valid Proof of Purchase
- Return address
- Daytime phone number or fax number
- Model number
- IMEI number
- Complete description of the problem
- Transportation prepaid

Other Warranty Programs

You may have other warranty programs with your purchase, such as warranty exchange. If so, please refer to equipment package or the original point of sale.