

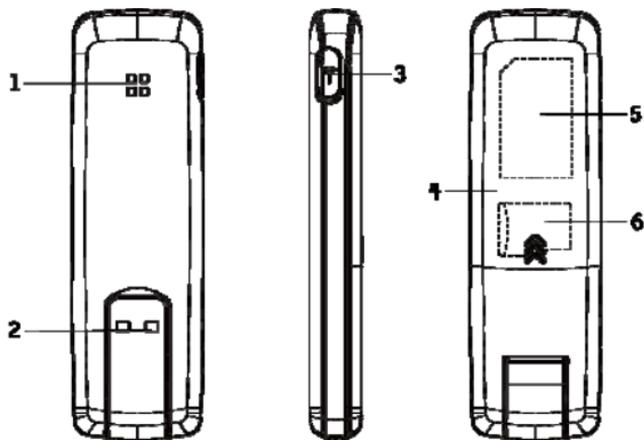
# Check your system requirements

1. Check you have a spare USB port (USB 1.0 or 2.0)
2. You need to be running Windows 2000 / XP / Vista for a PC or OS X 10.5 and above for a Mac
3. The recommended system requirements are:

<b>CPU</b>	1GHz Pentium or above
<b>Hard Disk</b>	20GB or above
<b>RAM</b>	512M or above
<b>Display</b>	800 x 600 minimum

4. You need to have **Administrator** rights to install and run the software
5. We suggest you switch off your anti-virus software before installing the USB modem. In some cases protection software can prevent automatic installation. It is possible to start the installation process manually by clicking the Autorun icon when it appears.

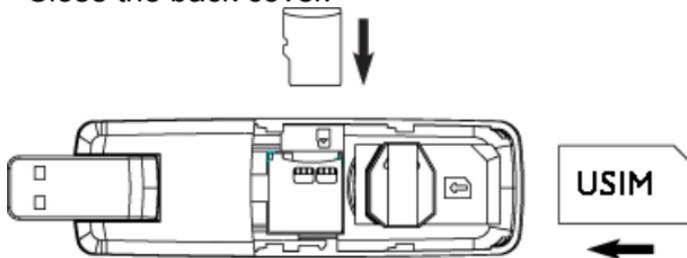
# Get to know your USB Modem



1. LED Indicator	2. Rotating USB plug	3. External Antenna Port
4. Back cover	5. SIM Slot	6. MicroSD Slot

# Insert your SIM Card

1. Open the slider panel on the back of your USB modem.
2. Insert your USIM card carefully as shown.
3. If you want to add a memory card you can do it now. Your USB modem supports up to 4GB MicroSD memory.
4. Close the back cover.



## Tip

Remember to keep your plastic SIM card holder. It has a record of your phone number and a PIN number which you will need later.

# Insert the modem into your computer

The installation and management software is pre-loaded onto your USB modem. Simply insert your modem into your computer and follow the instructions on-screen. You'll be up and connected in about 5 minutes.

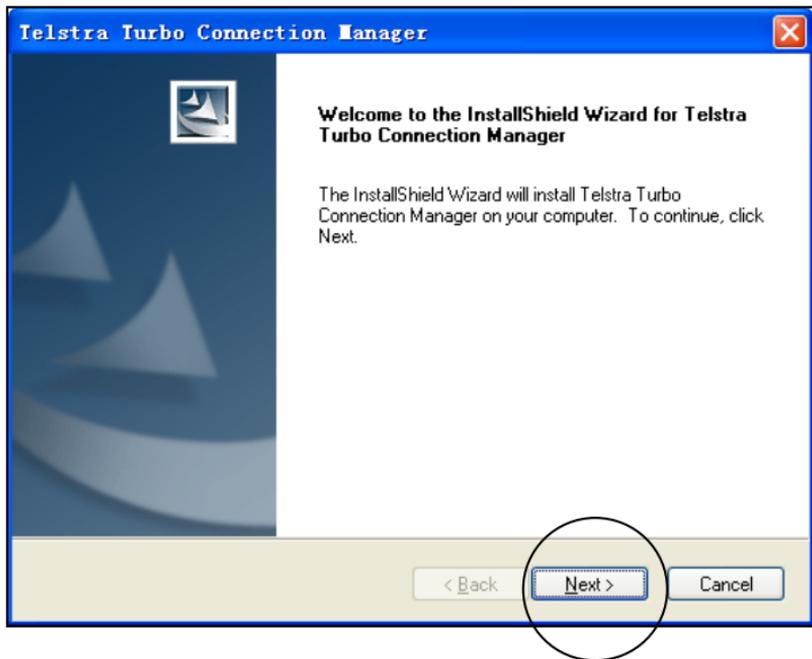
The USB modem is a Plug and Play device. Once inserted your system will automatically detect the new hardware and start to install the software. Be patient as it may take some time for your computer to recognise the modem.

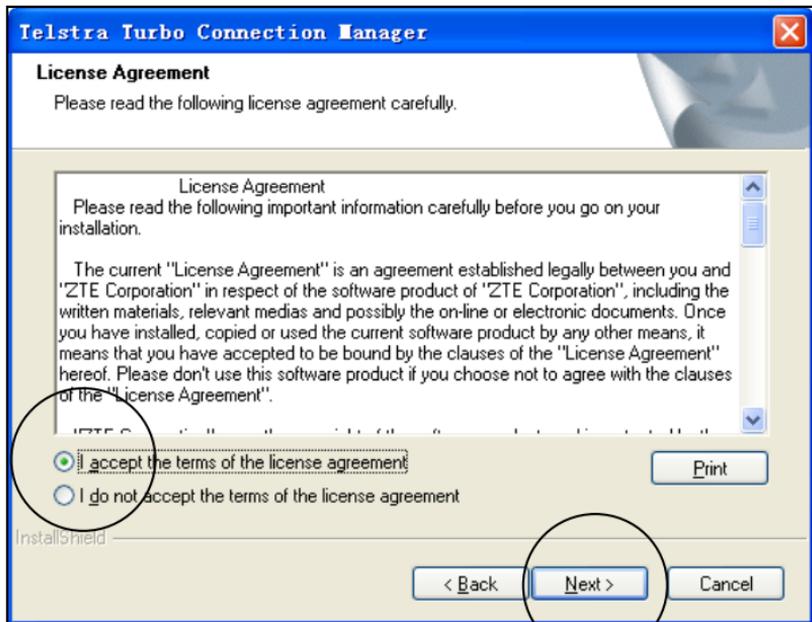
If nothing happens your system configuration may be preventing Autorun.

## Tips to resolve

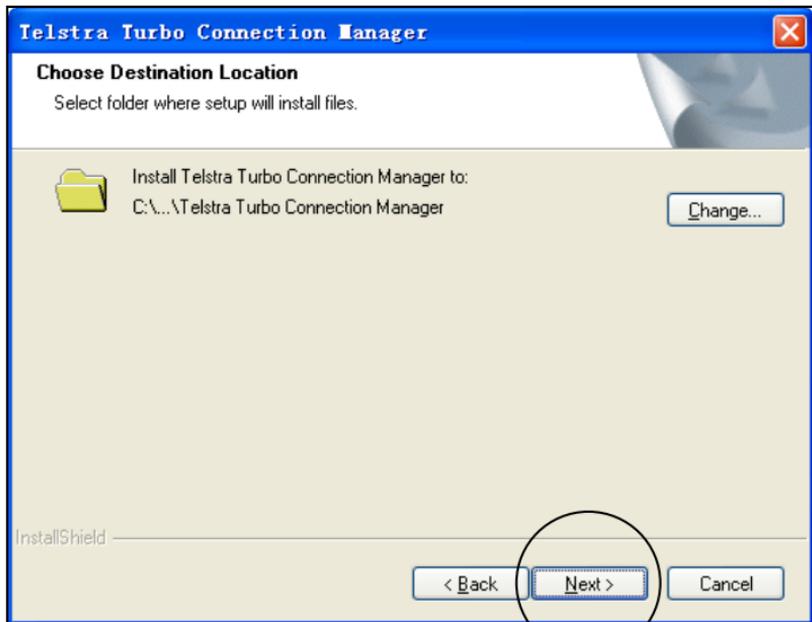
- **Windows users:** Double click the Autorun icon to start the software installation
- **MAC users:** Open the CD-ROM, ZTE MODEM, and double click Telstra Turbo Connection Manager icon

The installation method shown below is for Windows XP. Other systems will follow a similar but not necessarily identical installation process:



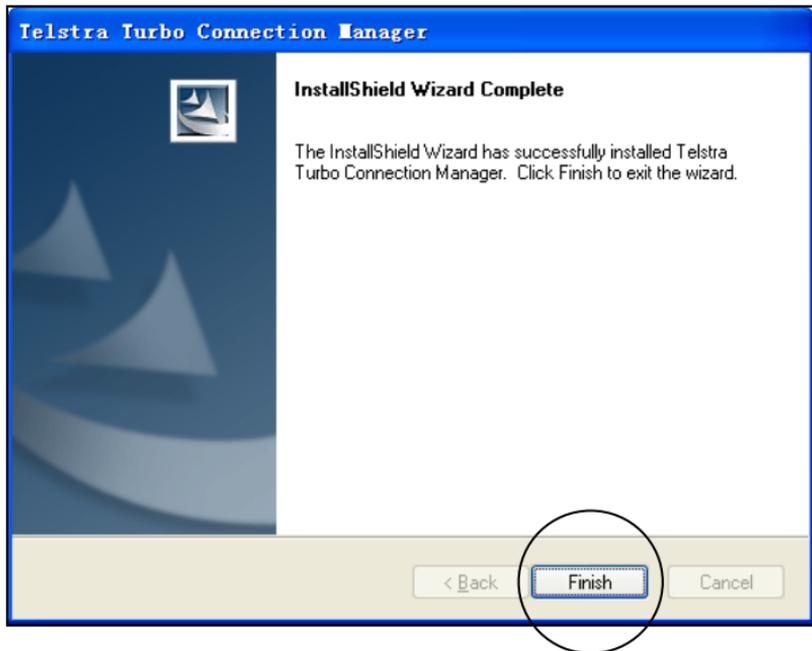


Choose 'I accept....', and then click **Next** to continue



Press **Next** to accept the default folder location, or press **Change** to define your own path.

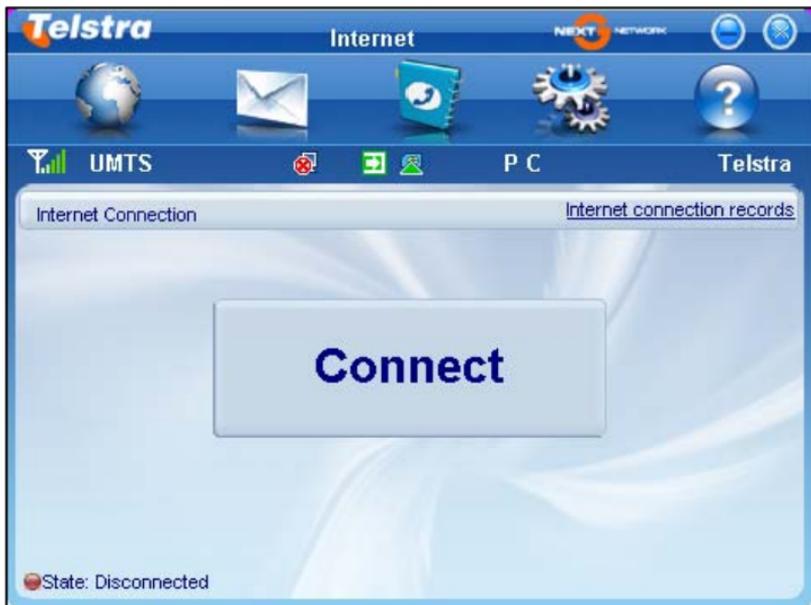
Please wait a few seconds for the installation to proceed...



Click **Finish** to complete the installation.

# Connect to the internet

After installation the software interface will launch automatically. Your modem will continue installing for a couple of minutes. You'll be ready to go as soon as you see the **Connect** button.



<b>LED indicator</b>	<b>Modem Status</b>
Red	Offline. Not registered on the network
Green solid	Registered on the 2G network
Green blinking	Active data transfer on the 2G network
Blue solid	Registered on the 3G network
Blue blinking	Active data transfer on the 3G network

- The installation will create a new shortcut on your desktop and a new program listing under Start-Programs
- You may have to reboot your PC or MAC after installation is complete
- If you have problems with the installation please contact your supplier or see our website, [www.zte.com.au/](http://www.zte.com.au/) for more assistance and FAQ's
- If you can't connect to the internet check your SIM card is inserted correctly, contact your service provider and check your account is active.

# Using your USB Modem

- Press **Connect** to establish a data connection using your USB modem
- Launch your browser or other software
- When you have finished your internet or email connection remember to return to the software interface and press **Disconnect** to end your session
- If the software has been minimized then double click the small icon on the task bar to re-open the application window

## **TIP**

**After the computer wakes from hibernation or standby mode you may need to remove and insert the modem**

## Connected State



**Note: The modem is locked to Telstra. If you use a SIM card from another provider you may not be able to connect to the network. Consult Telstra for more details or to unlock your device.**

# Safe Removal of Hardware

To remove your USB modem from the computer first close the application software then use the safe removal of hardware process. If you remove the USB modem when it is active the modem software and related information (eg Phonebook records) may become corrupted.

## Safely remove the modem

- Eg in Windows XP, left click the icon on the Windows taskbar
- Click on Safely Remove Hardware



- Remove the USB modem.

# Using the Card Manager Software

## System Icons

	Network signal strength
	New SMS message
	Red Computer icon - internet Not Connected
	Green Computer icon - Internet Connected
	Connection - P is packet switched, C is circuit switched
	Green arrow icon - modem inserted into the computer
	Red arrow icon - modem not inserted into the computer
	Orange arrow icon - modem is offline
	Green SIM icon – SIM/USIM card is inserted
	Red SIM icon - SIM/USIM card is <b>not</b> inserted
	Current network connection type

## Task Bar Information

When you minimize the software the window will minimize to an icon on the system tray. The program is still active in the background but disappears to free your normal Windows space. Double click the task bar icon to resize the display.

## Task bar icons

	Green - Modem is inserted into the computer
	Red - Modem is <b>not</b> inserted into the computer
	Orange - Modem is Offline
	Red - SIM/USIM card is <b>not</b> inserted
	No network signal
	There is a new message
	Modem is ready to connect to Internet
	Green - Internet is Connected

## Task bar menu

**Right Click** the task bar icon to access the following menu:

<b>Device offline</b>	Disconnect the modem from the network
<b>Device online</b>	Connect the modem to the network
<b>Factory Settings</b>	Restore the modem settings to their original values
<b>Help</b>	Enter the Help interface
<b>About</b>	View software and hardware versions
<b>Exit</b>	Close the software and switch off the modem

## Internet connection records

From the **Connect** screen press **Internet Connection Records** to show your connection history

The screenshot displays the 'Internet connection records' interface. At the top, there is a blue header with the Telstra logo and the title 'Internet connection records'. Below the header is a navigation bar with icons for a globe, an envelope, a folder, a gear, and a question mark. The main area contains a table with the following data:

User name	Starting time	Disconnect time	Duration	Data used
	2008-05-15 13:00:17	2008-05-15 13:00:27	00:00:10	0.25KB

At the bottom of the screen, it shows 'Total data: 2.25KB' and 'Total time: 0:00:10'. There are also three buttons: 'Delete', 'Clear', and 'Cancel'.

The internet connection records are for information only.

# SMS Interface

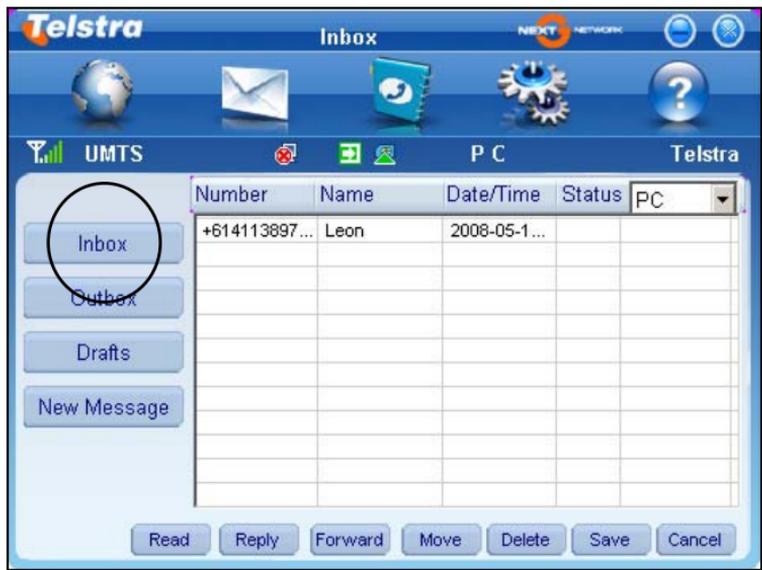
Click the **SMS** icon to use the SMS Interface:

The screenshot displays the Telstra SMS interface. At the top, the Telstra logo is on the left, and 'SMS' is centered. To the right of 'SMS' is the 'NEXT NETWORK' logo. Below these are several icons: a globe, an envelope icon (circled in red), a blue folder with a white envelope, a gear, and a question mark. A status bar at the bottom shows 'UMTS' with a signal strength indicator, 'P C', and the Telstra logo. The main content area is a light blue box with a sidebar on the left containing buttons for 'SMS Tools', 'Inbox', 'Outbox', 'Drafts', and 'New Message'. The main area displays message counts: 'Inbox PC:1 Message(s) (U)SIM Card:0 Message(s)', 'Outbox PC:0 Message(s) (U)SIM Card:0 Message(s)', and 'Drafts PC:0 Message(s) (U)SIM Card:0 Message(s)'. Below these are capacity indicators: 'PC Capacity:1500 Message(s)' and '(U)SIM Capacity:30 Message(s)'.

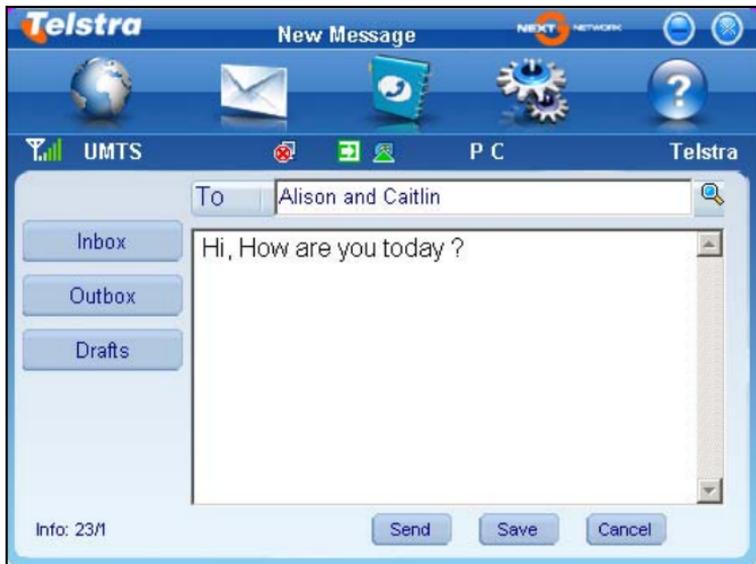
SMS Tools	Inbox	PC:1 Message(s)	(U)SIM Card:0 Message(s)
Inbox	Outbox	PC:0 Message(s)	(U)SIM Card:0 Message(s)
Outbox	Drafts	PC:0 Message(s)	(U)SIM Card:0 Message(s)
Drafts	PC Capacity:1500 Message(s)		
New Message	(U)SIM Capacity:30 Message(s)		

## Read Incoming Messages

Click the **Inbox** button to read your received messages.

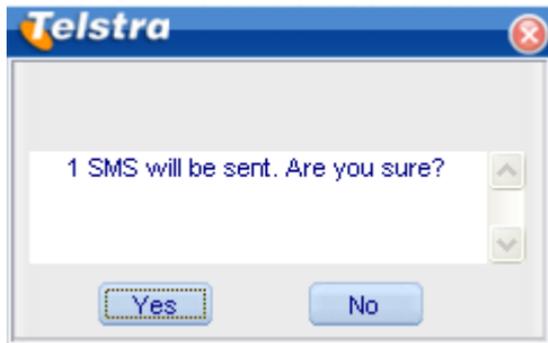


## Create a new message



- Click **New Message** and enter the recipient's number
- The recipient's number can be entered directly or by selecting entries from the Phonebook
- Use ';' to separate multiple recipients

- Click into the text field to enter text
- The SMS can be up to 140 characters, including symbols
- The interface will show total characters used
- Click **Send** to send the message. The prompt screen below will appear:



- Select **Yes** to confirm
- After the message has been sent successfully it will be saved in the **Outbox**
- If the message fails to send it will be saved in **Drafts**

## SMS General Features

Enter any of the **Inbox** / **Outbox** / **Drafts** to use the tabs at the bottom of the window:

<b>Read</b>	Read the selected SMS
<b>Reply</b>	Reply to the selected SMS
<b>Forward</b>	Forward the SMS to other recipients
<b>Move</b>	Save the SMS on the PC or SIM card
<b>Delete</b>	Delete the selected SMS
<b>Save</b>	Save the phone number from the message to the contacts phonebook
<b>Cancel</b>	Return to the SMS interface

### Notes

- If you want to select several messages, you can use the **Ctrl** or **Shift** keys (Windows)
- New messages cannot be received when the SIM card is full
- The system will indicate the SIM card is full. Messages cannot be saved until some are deleted by the user.

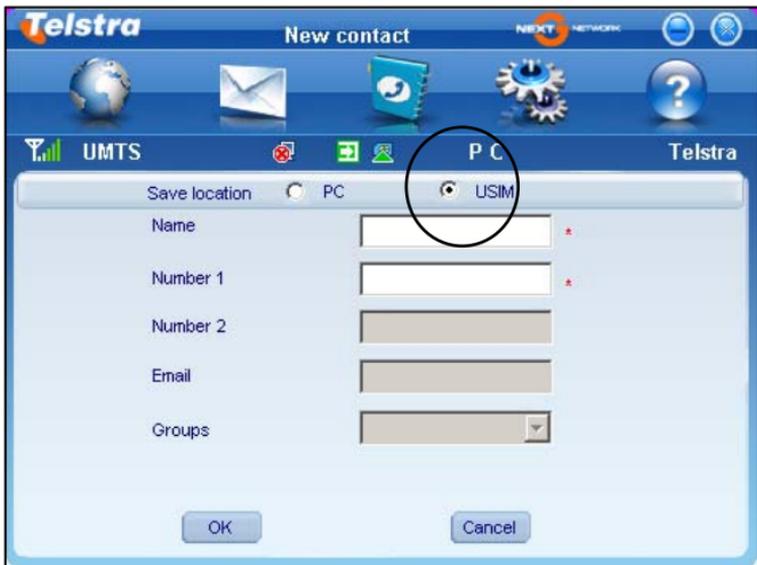
# PhoneBook

Click the **PhoneBook** button to select the phonebook interface.



To create a new contact click **New** → **New Contact**, enter the details and select **OK** to finish.

You can choose the **Save location** as the PC or the USIM card



## PhoneBook Notes:

- If your stored location (Folder) is PC then you can also create a new Group
- To create a new group: Click **New** → **New Group** and enter the group name
- Select contacts from the list on the right and drag them to the group location

If a contact is selected, you can carry out the following additional steps using the tabs on the bottom of the screen:

<b>View</b>	View the selected contact's information
<b>Delete</b>	Delete contacts or groups
<b>SMS</b>	Send messages to the mobile phone number selected
<b>Save as</b>	Save the contact information to a TXT file on your PC
<b>Edit</b>	Edit the contact information

# Settings

Click the **Settings** button to select the settings interface

## Connection Settings:



There is no need to change these settings as they are pre-configured for your network. If you change networks or are roaming you may need to modify some settings. Consult your service provider for more information.

## **New Connection for Corporate Users and IT Administrators**

**If you have a private VPN you will need to create a new connection configuration. This feature is designed for IT Administrators in a corporate environment and is generally not required to be changed by end users.**

<b>Add</b>	Add new configuration files
<b>Delete</b>	Delete the selected configuration file
<b>Edit</b>	Edit the selected configuration file
<b>Set Default</b>	Set the selected profile as your default connection

## Security Settings



**PIN enable** - The PIN code is provided with your SIM card. Consult your service provider if you forget your PIN

**Backup Contacts, Messages and Connection Records**  
Create a local backup of Phonebook and SMS data.

## Network Settings



These settings are pre-configured for your network. Consult your service provider for more information.

## Message Settings



These settings are pre-configured for your network. If you change networks or are roaming you may need to modify some settings. Consult your service provider for more information.

## MicroSD card

If you use a MicroSD card in your modem your computer will display a removable disk related to the MicroSD card. You can then use the modem as a flash drive to store and transfer files.

MicroSD cards supported to 2GB are FAT 16 format.

MicroSD HC cards supported to 4GB are FAT 32 format.

If you want to remove the modem please use the Safe Removal of Hardware to stop the removable disk first. For more details see the Safe Removal of Hardware process.

## External Antenna Port

Only use the correct antenna as recommended by the manufacturer. Insert and remove the connection carefully. Do not pull on the cable to remove the connection.

## Help



Click **Help** button to access the system help and user guide.

# Troubleshooting

If you have any problems with your connection or modem please consult the manual and check this section. If the problem still exists contact your service provider or check our website for more details at [www.zte.com.au](http://www.zte.com.au)

<b>Problem</b>	<b>Possible Causes</b>	<b>Suggested Solution</b>
The user interface doesn't start after the modem is plugged in.	PC configuration is not correct. (No autorun)	Start the program manually by going Start→ Program Files or use the shortcut on the desktop.
The modem has no signal.	The antenna is at the wrong angle or position.	Adjust the angle and position of the USB modem.
	You have no network coverage.	Try moving location until you get good reception.

<b>Problem</b>	<b>Possible Causes</b>	<b>Suggested Solution</b>
The modem has no signal.	You have not entered your PIN number at start up	Restart the application and enter your PIN number. If the PIN is invalid you cannot connect to the network.
Message sent failed.	The SMS centre number isn't correct.	Check with your with service provider and enter the correct number in the Message settings.
Data connection failed.	You have no network coverage.	Try moving location until you get good reception.
	The APN configuration is wrong	Check with your service provider and set the APN in the configuration settings.

<b>Problem</b>	<b>Possible Causes</b>	<b>Suggested Solution</b>
Data connection failed.	The manual network selection is wrong.	Select the correct network for your service provider. Restore <b>Automatic</b> mode.
	You are using the wrong APN.	Consult your network provider
The modem cannot connect to the internet when overseas	You don't have international roaming enabled on your plan.	Consult your service provider before you go overseas to enable roaming.
No warning tone	The PC soundcard is disabled or on low volume	Check the audio card and adjust the volume.
The MicroSD card cannot be read or is not found.	Re-insert the MicroSD card. The maximum capacity is 4GB SDHC card	Try another MicroSD card and make sure the capacity and format is correct.

# Software Removal

If you wish to uninstall the application please follow the procedure below:

**Start**→ **Programs**→ **Telstra Turbo Connection Manager**→  
**Uninstall**

Follow the prompts and press **Yes** to continue

# Precautions and Safety Information

- Some electronic devices are susceptible to electromagnetic interference. The modem is a transmitting device and may cause interference to sensitive electronic equipment such as audio systems, vehicle systems and medical equipment. Please consult the manufacturer of the other device before using the modem.
- Operating of laptop or desktop PCs with the modem may interfere with medical devices like hearing aids and pacemakers. Please keep the modem more than 20 centimetres away from such medical devices. Turn the modem off if necessary. Consult a physician or the manufacturer of the medical device before using the modem near such devices.
- Be aware of the regulations 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 your modem as instructed.
- Don't touch the antenna area unnecessarily whilst connected. This can affect your modem performance and reduce the signal quality.
- Store the modem out of the reach of children. The modem

may cause injury or get damaged.

- The modem contains sensitive electronic circuitry. Do not expose the modem to any liquids, high temperatures or shock.
- Only use original accessories or accessories that are authorized by the manufacturer. Using unauthorized accessories may affect your modem's performance, damage your modem and violate related national regulations.
- Avoid using the modem in areas that emit electromagnetic waves or in enclosed metallic structures eg lifts.
- The modem is not waterproof. Please keep it dry and store it in a cool, dry place.
- Don't use the modem immediately after a sudden temperature change eg from an air conditioned environment to high temperature and humidity outside. In such cases there could be condensing moisture inside the modem which can cause internal damage. Unplug the modem and leave it for 30 minutes before use.
- Always handle the modem with care. Be careful not to drop or bend the modem.
- There are no user serviceable parts inside the modem. Unauthorised dismantling or repair will void the warranty.

## **Radiation from Electronic Devices**

The USB Wireless modem is a transmitting device with similar output power to a mobile phone. It uses an internal or external antenna to connect to the mobile network. To get the best performance from your device do not cover or shield the device in any way as this will lead to increased output power. Always leave a clear space around the device to allow the transmit and receive signals to propagate. It is not intended to be used as a handheld or body worn device but SAR tests have been successfully completed in accordance with the Australian regulatory requirements.

## **Declaration of Conformity**

We declare under our sole responsibility that the product(s) detailed in this manual, and in combination with our accessories, conform with the essential requirements of The Radio Communications Standard (Electro-magnetic Radiation Human Exposure) 2003 and the Australian Communications and Media Authority Section 376 of the Telecommunications Act 1997.



# Technical Specifications

Network and Band compatibility	HSUPA/HSDPA/UMTS 850 MHz
	HSUPA/HSDPA/UMTS 1900 MHz
	HSUPA/HSDPA/UMTS 2100 MHz
	GSM/GPRS/EDGE 850 MHz
	GSM/GPRS/EDGE 900 MHz
	GSM/GPRS/EDGE 1800 MHz
	GSM/GPRS/EDGE 1900 MHz
Dimensions	86.5mm x 26.6mm x 10.4mm
Weight	Approx. 40g
Data Rate	HSUPA Mode up to 5.7Mbps*
	HSDPA Mode up to 7.2Mbps*
	UMTS Mode up to 384 Kbps*
	EDGE Mode up to 236.8 Kbps*
	GPRS Mode up to 57.6 Kbps*
Voltage	5V
Current Consumption	Resting: 100mA rms
	Max: 450mA rms
Max Emitted	In 3G WCDMA Mode: 250mW

Power	In 2G GSM/GPRS Mode: 2W
Interface	USB 2.0
Operating systems	Windows 2000 SP4, XP SP2, SP3, Vista Apple MAC OS X 10.5 and above
Functions	High speed wireless data, internet, MicroSD card, SMS
MicroSDHC memory card	4GB capacity on MicroSDHC card 2GB on MicroSD
Temperature Range	-5°C to +45°C

\* Actual speeds will be less. Speeds may vary due to congestion, distance from the cell, local conditions, hardware, software and other factors.