



**Rugged Tablet Computer  
User's Manual  
Trimble Site Tablet**

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### **NOTE**

Display images shown may vary slightly from actual display. Information in this manual is subject to change without notice.

# Contents

<b>CHAPTER 1: Getting Started</b> .....	<b>1-1</b>
Unpacking .....	1-2
Device Overview .....	1-3
Front View.....	1-3
Rear View .....	1-5
Bottom View.....	1-6
Installing the Stylus .....	1-7
Removing the Stylus.....	1-7
Installing the SIM Card .....	1-8
Installing the Battery Packs .....	1-9
Connecting to AC Power .....	1-10
Turning the Tablet Computer On and Off .....	1-11
Turning On.....	1-11
Turning Off.....	1-12
<b>CHAPTER 2: Operating Your Tablet Computer</b> .....	<b>2-1</b>
Using the Touch Screen .....	2-2
Calibrating the Screen .....	2-3
Using the Input Panel .....	2-4
Opening the Input Panel.....	2-5
Managing the Input Panel.....	2-5
Using the Control Panel .....	2-6
Using the Hotkeys.....	2-6
Using the Hotkey Configuration Tool .....	2-7
Adjusting Volume .....	2-11
Adjusting Screen Brightness.....	2-11
Using Wireless LAN .....	2-12
Turning the Wireless Antenna On and Off .....	2-12
Connecting to a Wireless Network.....	2-13

Using Bluetooth .....	2-14
Turning the Bluetooth Adapter On and Off.....	2-14
Pairing with Bluetooth Devices .....	2-14
Configuring Bluetooth Settings .....	2-17
Using 3G Network .....	2-18
Connecting to 3G Network.....	2-18
Using AirCard® Watcher.....	2-19
Configuring AirCard® Watcher Settings.....	2-21
Using GPS.....	2-24
Position .....	2-24
Satellites .....	2-25
Using the Accelerometer / Compass .....	2-26
Activating the Accelerometer .....	2-26
Using the Compass .....	2-26
Using the Camera .....	2-28
Opening the Camera .....	2-28
Shooting Photos .....	2-29
Recording Videos .....	2-30
Playing Videos .....	2-31
Working With Photos .....	2-32
Working with Videos .....	2-38
Managing Camera Application Settings.....	2-42
<b>CHAPTER 3: Expanding Your Tablet Computer .....</b>	<b>3-1</b>
Connecting USB Devices .....	3-2
Connecting HDMI Devices .....	3-3
Connecting Audio Devices .....	3-4
<b>CHAPTER 4: Managing Power .....</b>	<b>4-1</b>
Battery Pack.....	4-2
Charging the Battery Pack.....	4-2
Checking the Battery Level.....	4-3
Replacing the Battery Pack .....	4-4
Power Management .....	4-5
Power Saving Tips.....	4-6
<b>CHAPTER 5: Using BIOS Setup and System Recovery.....</b>	<b>5-1</b>
BIOS Setup .....	5-2
When to Use .....	5-2
How to Use .....	5-2

**CHAPTER 6: Maintenance and Troubleshooting..... 6-1**

- Taking Care of the Tablet Computer .....6-2
  - Location Guidelines .....6-2
  - General Guidelines .....6-2
  - Cleaning Guidelines.....6-2
  - Touchscreen Guidelines .....6-2
- Troubleshooting .....6-3

**APPENDIX A: Specifications .....A-1**

- Tablet Computer Specifications .....A-1

**APPENDIX B: Regulatory Information.....B-1**

- Important Information .....B-2
  - Safety Information (EN) .....B-3
  - Safety Information (FR) .....B-4
  - About the Batteries .....B-5
  - About the Adapter .....B-5
- FCC Regulations .....B-6
- RF Exposure Information (SAR) .....B-7
- IC Regulations.....B-7
  - Important Note .....B-8

# Preface

This manual contains information that will help you operate this rugged tablet computer. It is divided into six chapters and two appendices.

- **Chapter 1: Getting Started**, takes you through the process of setting up your tablet computer and identifying its external components.
- **Chapter 2: Operating Your Tablet Computer**, tells you how to use the tablet computer's components and features.
- **Chapter 3: Expanding Your Tablet Computer**, provides information on installing and using peripheral devices.
- **Chapter 4: Managing Power**, provides information on power management.
- **Chapter 5: Using BIOS Setup and System Recovery**, describes the BIOS Setup utility that configures the tablet computer's BIOS settings and system recovery utility that reinstalls Windows to the tablet computer.
- **Chapter 6: Maintenance and Troubleshooting**, provides information on caring for your tablet computer, and gives solutions to common problems you may encounter when using the tablet computer.
- **Appendix A**, provides technical specifications of the Tablet Computer.
- **Appendix B**, provides regulatory information and safety notices on your tablet computer.

# Notational Conventions

Throughout this manual, the following conventions are used to distinguish elements of text.

**NOTE:** Identifies additional information that requires special attention.

**TIP:** Identifies additional information that provides optional methods for ease of use.

**CAUTION:** Identifies important information that, if not followed, may result in loss of data or damage to the tablet computer..

**WARNING:** Identifies important information that, if not followed, may result in damage to properties or danger to users.

Hardware and keyboard keys are shown in a bold typeset. For example:

Press the **F1** key to complete.

A title, command, setup item, value, option, or button that you can see on the screen is shown in boldface. For example:

Select **When I press the power button**, set it to **Shut down**, and then tap the **Save changes** button.

# *Getting Started*

Congratulations on purchasing this rugged tablet computer. The rugged design allows you to use it in harsh outdoor environments. You can use it under blazing heat, subzero cold, driving rain or dusty surroundings – places you could not take a consumer-grade tablet computer.

This chapter tells you step by step how to get the tablet computer up and running. You will find instructions for the following procedures:

- Unpacking
- Device Overview (An Explanation of External Components and their Functions)
- Installing the Stylus
- Installing the SIM Card
- Installing Battery Packs and Connecting to AC Power
- Turning the Tablet Computer On and Off

# Unpacking

After unpacking the shipping carton, you should find these standard items. Inspect all items. If any item is damaged or missing, notify your dealer immediately.

- √ Tablet Computer



- √ Battery Pack x 2



- √ Power Adapter



- √ Power Cord and Plugs



- √ Stylus



- √ Tether for Stylus



- √ Cleaning Cloth

- √ Screen Protector Film

- √ Windows 7 Certificate of Authenticity Label (COA)

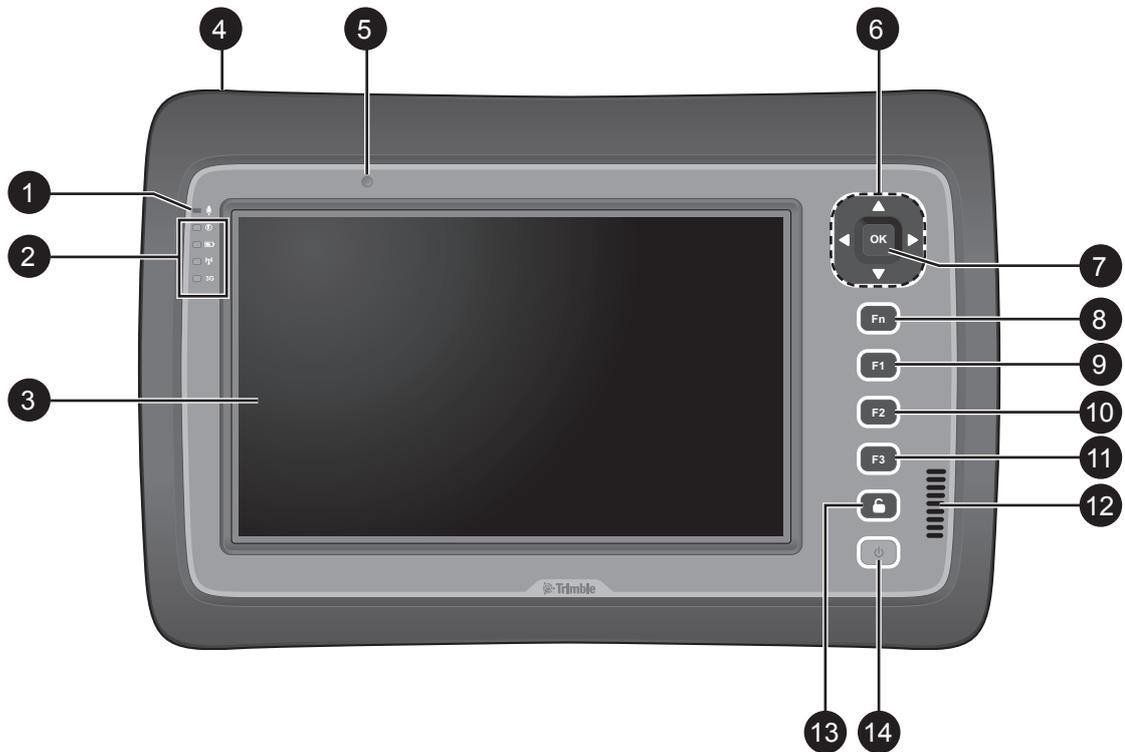
- √ Quick Start Guide

Keep the shipping carton and packaging materials in case you need to ship or store the tablet computer in the future.

**NOTE:** Actual items may slightly differ depending on the model you purchased.

# Device Overview

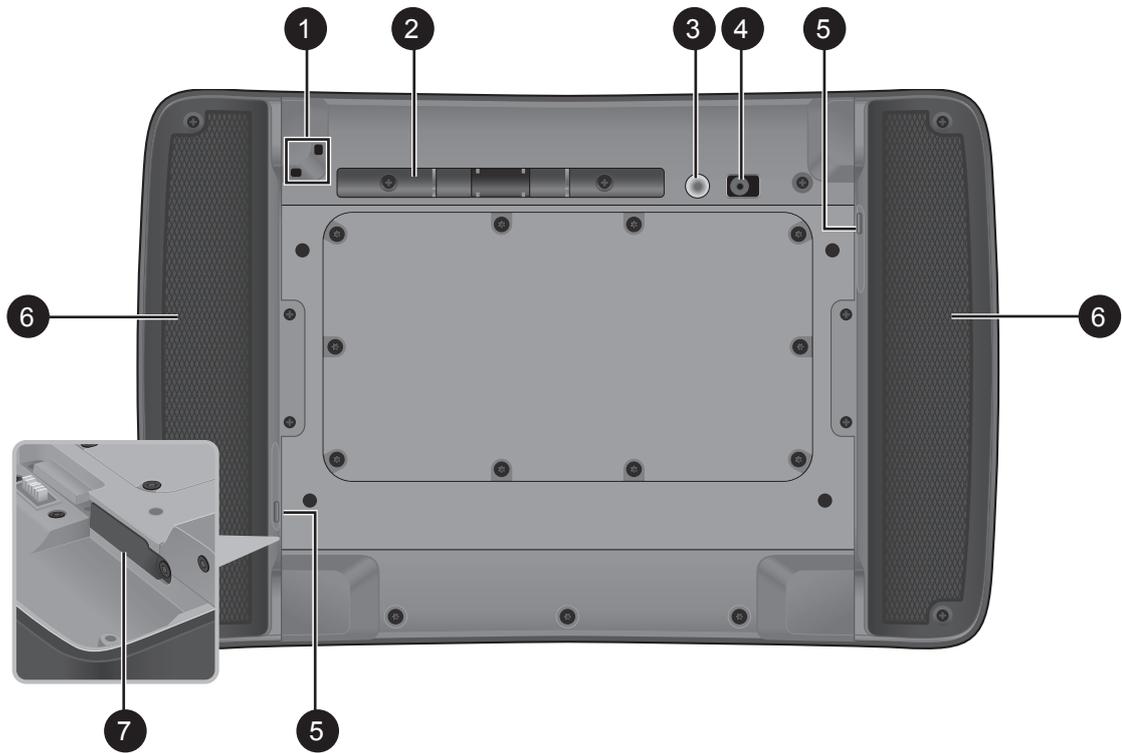
## Front View



No.	Item	Description
1	Microphone	Use for talking and other interactive applications.
2	LED Indicators	Shows the current status of the tablet computer.
	ⓘ Power	<ul style="list-style-type: none"> <li><b>Solid green:</b> Tablet computer is turned on</li> <li><b>Blinking green:</b> Tablet computer is in sleep mode.</li> <li><b>Off:</b> Tablet computer is turned off.</li> </ul>
	🔋 Battery	<ul style="list-style-type: none"> <li><b>Solid amber:</b> Battery is charging</li> <li><b>Solid green:</b> Battery is fully charged.</li> <li><b>Blinking red:</b> Battery power is low.</li> </ul>
	📶 Wireless	<b>Solid green:</b> Wireless antenna is enabled. <b>Off:</b> Wireless antenna is disabled.
	3G 3G	<b>Solid green:</b> 3G data connection is active. <b>Off:</b> 3G data connection is inactive. <b>Note:</b> 3G LED is not available in all models.

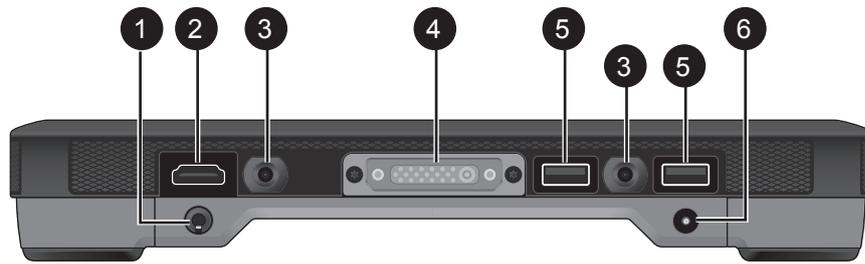
No.	Item	Description
3	Touch Screen	Displays and receives information for the tablet computer.
4	Kensington Lock	Provides lock mechanism security.
5	Ambient Light Detector	Detects surrounding light and adjusts the screen brightness according to the ambient light.
6	Directional Buttons	Serves as the up / down / left / right arrow keys.
7	OK Button	Serves as the Enter key.
8	Fn (Function) Button	<ul style="list-style-type: none"> <li>• Press to display the button functions and toggle between Button Setting A, B, and C.</li> <li>• Press Fn + F1 / F2 / F3 to open the corresponding applications. For example: <ul style="list-style-type: none"> <li>• Fn + F1: Virtual keyboard</li> <li>• Fn + F2: Internet Explorer</li> <li>• Fn + F3: ALS Auto/Manual</li> </ul> </li> </ul>
9	F1 Button	Press to launch <b>Windows Help</b> .
10	F2 Button	Press to launch F2 command in Windows.
11	F3 Button	Press to launch F3 command in Windows.
12	Speaker	Sends out sound and voice from your tablet computer.
13	Pad Lock Button 	Press to access the log-in menu, similar as pressing <b>Ctrl + Alt + Del</b> on a computer.
14	Power Button 	<ul style="list-style-type: none"> <li>• Short press to turn the tablet computer on.</li> <li>• When powered on, short press to enable sleep mode.</li> <li>• When powered on, long press to turn the tablet computer entirely off.</li> </ul>

## Rear View

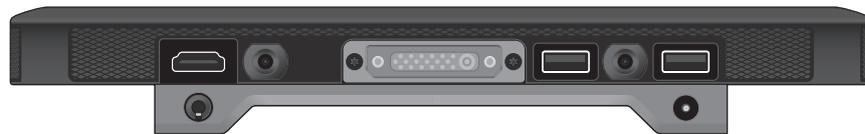


No.	Item	Description
1	Eyelet	Holds the tether strap.
2	Stylus Holder	Stores the stylus.
3	Camera Flash	Provides flash lighting for use with the camera.
4	CMOS Camera	Allows you to use the camera features.
5	Battery Capacity Indicator	Press the button to light the battery capacity LEDs. More lit LEDs indicate more battery power. The LEDs automatically go off after 5 seconds.
6	Battery Packs	Supplies power to your tablet computer when external power is not connected.
7	SIM Card Slot	Stores the SIM card which provides 3G data connection to your tablet computer.

## Bottom View



With Battery Packs



With Battery Packs Removed

No.	Item	Description
1	Audio Connector (Line in / Line out)	Connects to a set of headphones, external speakers, or an audio recording device with 3.5 mm jack.
2	HDMI Connector	Connects to an HDMI device such as an external monitor.
3	Docking Holes	Docking holes to support a docking station (optional).
4	Docking Connector	Connects to a docking station (optional).
5	USB Ports	Each port connects to a USB device, such as a USB flash drive, mouse, printer, keyboard, etc.
6	Power Connector	Connects to the AC adapter.

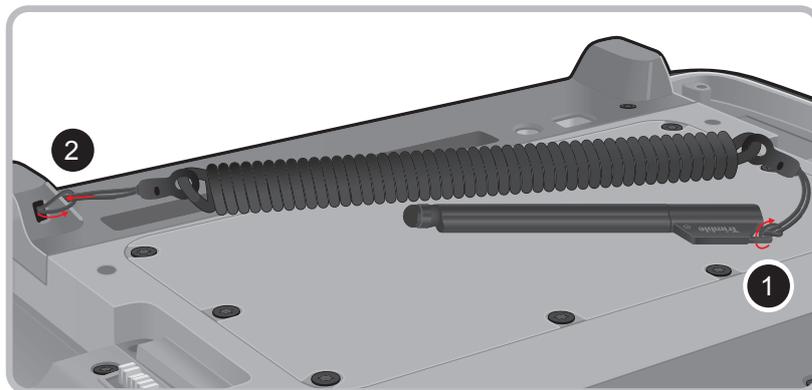
# Installing the Stylus

Your tablet computer comes with a stylus for use with the touch screen.

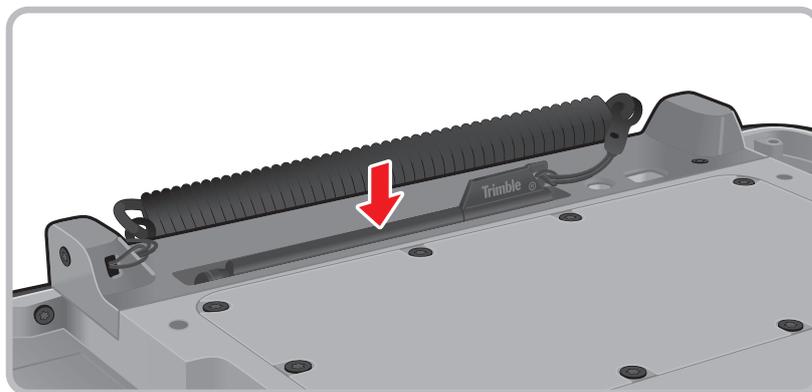
The stylus holder at the back of the tablet computer provides a convenient place to store the stylus.

Perform the following to prepare and install the stylus to your tablet computer:

1. Loop one end of the tether to the stylus eyelet.
2. Loop the other end of the tether to the tablet computer eyelet.



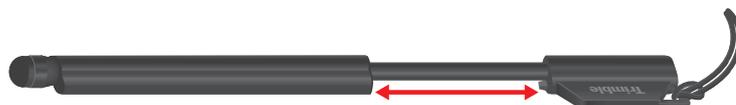
3. Push the stylus on the stylus holder until it locks into place.



## Removing the Stylus

Lift the stylus by its tab to remove it from the stylus holder.

For convenience of use, pull the tab to extend the stylus length.



# Installing the SIM Card

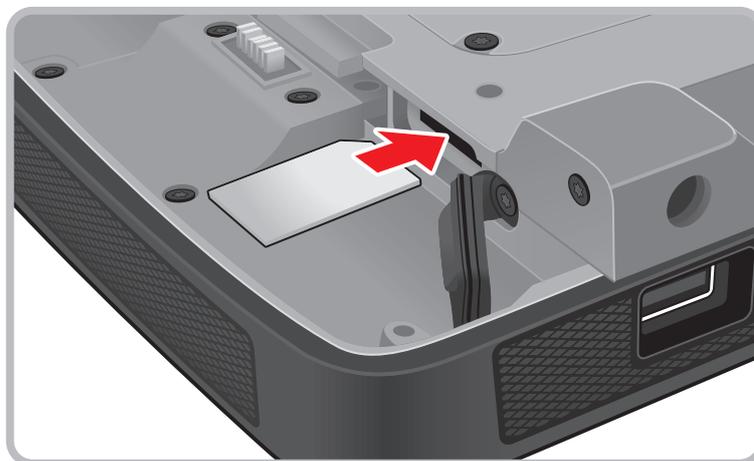
The tablet computer supports data connection using 3G SIM cards.

Perform the following to install the SIM card to your tablet computer:

1. With battery packs removed, locate the SIM card slot on the back of the tablet computer.
2. Open the SIM card slot cover.



3. Insert the SIM card with the gold contacts facing down.



4. Close the SIM card slot cover.

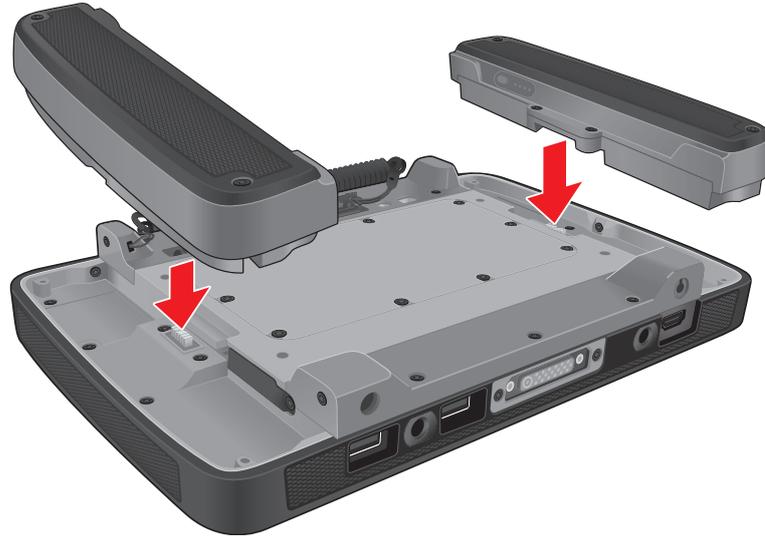
**NOTE:**

- SIM cards must be purchased separately.
- CDMA and GSM SIM cards are supported.
- To avoid damage to the card and ensure network connectivity, turn off the device power before installing or removing the SIM card.
- For more information on connecting to 3G network, see "Using 3G Network" on page 2-18.

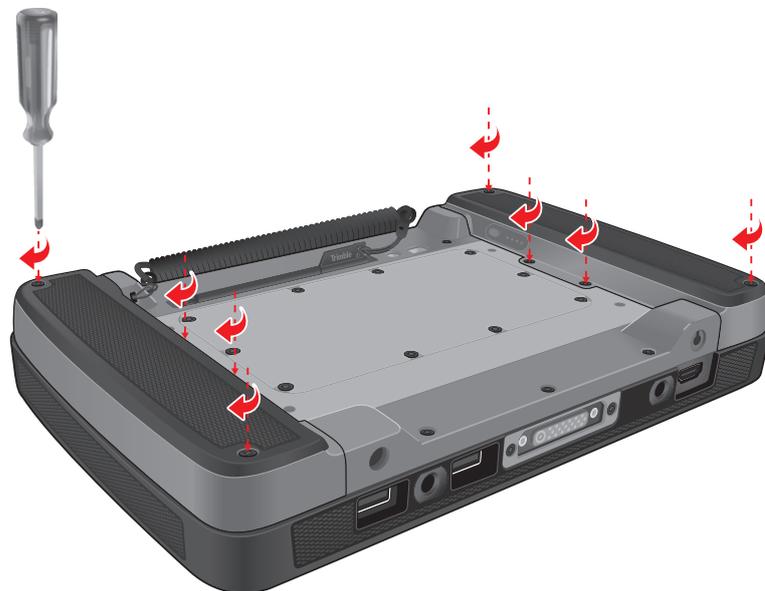
# Installing the Battery Packs

Perform the following to install the battery packs to your tablet computer.

1. Place the tablet computer face down on a flat even surface.
2. Fit the two battery packs into place on both sides.



3. Using a small Phillips #1 screwdriver, secure the four screws on each battery taking care not to over tighten.



**NOTE:** For best results, use a small number 1 Phillips screwdriver.

**CAUTION:** Do not over torque the screws when installing the batteries.

4. Connect the tablet computer to AC power to charge the battery packs. See “Connecting to AC Power” on page 1-10.

# Connecting to AC Power

The tablet computer operates either on the external AC power or internal battery power. It is recommended to use AC power when you start up the tablet computer for the first time.

**CAUTION:** Use only the AC adapter included with your tablet computer. Using other AC adapters may damage the tablet computer.

Perform the following to connect the tablet computer to AC power:

1. With the battery packs installed, plug the DC cord of the AC adapter into the power connector of the tablet computer.
2. Plug the female end of the AC power cord into the AC adapter.
3. Then plug the male end of the AC power cord into an electrical outlet.



When the AC adapter is connected, the battery packs are charging. The battery LED indicator (🔋) shows three different states:

- **Solid amber:** Battery is charging
- **Solid green:** Battery is fully charged.
- **Blinking red:** Battery power is low.

**CAUTION:**

- When you disconnect the AC adapter, disconnect from the electrical outlet first and then from the tablet computer. A reverse procedure may damage the AC adapter or the tablet computer.
- When unplugging the connector, always hold the plug head. Never pull on the cord.

# Turning the Tablet Computer On and Off

## Turning On

1. Make sure that the tablet computer is either connected to AC power or the battery packs are charged.
2. Press the power button . Notice the screen remains blank for 8 ~ 10 seconds but the power LED lights up.



The power LED indicator (①) shows two different states:

- **Solid green:** Tablet computer is turned on
- **Blinking green:** Tablet computer is in sleep mode.
- **Off:** Tablet computer is turned off.

In cold temperature environments, the power LEDs will light up after 2 seconds.

## Turning Off

To turn off the tablet computer, use the “**Shut Down**” command of your operating system.

**CAUTION:** Wait until the screen is black and the LED activity has ceased before turning the computer back on. This may take 5 seconds or longer.

When you finish a working session, you can stop the tablet computer by shutting it down or leaving the tablet computer in Sleep or Hibernation mode:

To stop in this mode...	Do this...
Off	Use the Windows Start Menu and follow the shut down procedure.
	You can force the tablet computer to turn off by pressing and holding the power button  for more than 6 seconds. This is not the recommended method, but may be necessary if the system is locked up.
Hybrid Sleep	Short press the power button  or use the Windows Start Menu to put the tablet computer in Hybrid Sleep mode.
Hibernation	Use the Windows Start Menu to put the tablet computer in hibernation mode.

Press the power button to resume or turn on the tablet computer from any of these modes. See “Power Management” on page 4-5 for more information.

**NOTE:** By configuring the BIOS Setup Utility, you can have the tablet computer automatically start up or resume when the external AC power is plugged in. See “BIOS Setup” on page 5-2 for more information.

# *Operating Your Tablet Computer*

This chapter provides information about the use of the tablet computer and describes the operating basics of these components and features:

- Touch Screen
- Input Panel
- Control Panel
- Wireless LAN Features
- Bluetooth Features
- 3G Network Features
- GPS Features
- Accelerometer / Compass Features
- Camera

# Using the Touch Screen

The touch screen is a touch-sensitive device that allows you to control and make selections on the tablet computer by controlling the location of the pointer on the screen.

**CAUTION:**

- Do not use sharp, pointed objects or rough gloves on the touch screen. These objects may scratch the screen. Use only the spring-tip end of the stylus, the tip of your finger or woven fiber, conductive gloves suitable for touch screens.



Here are some common terms that you should know when using the touch screen.

Term	Action
Tap	Tap gently on the touch screen to select or open an item. Tapping is the same as clicking the left mouse button of a PC.
Double-tap	Rapidly tap twice on the touch screen. This action is similar to double-clicking the left mouse button of a PC.
Tap and hold	Tap and hold the stylus lightly on the display. A big circle appears to indicate that a pop-up menu will soon appear. Lift up the stylus and a pop-up menu appears. Select the desired function. This action is similar to a right mouse click on a PC.
Drag	Hold the stylus on the screen and drag across the screen to select text and images or move icons to a new location.

For more customized stylus settings, go to **Start > Control Panel > Pen and Touch**.

## Calibrating the Screen

When there is a noticeable discrepancy in the placement of the stylus on the screen and the indicated position of the on-screen pointer, re-calibrate the screen.

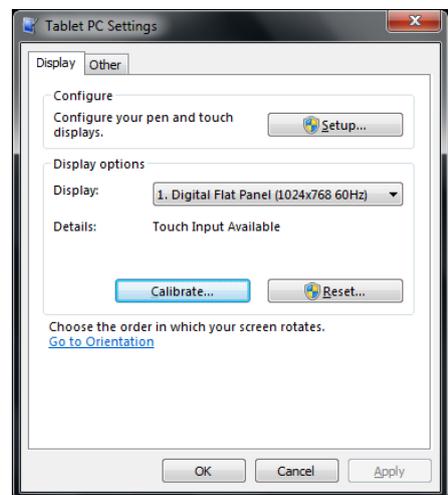
There are two types of calibrations:

- **Reset:** This resets the screen calibration to the factory default settings.
- **Manual Calibration:** This allows users to manually calibrate the screen.

### To reset the screen calibration

Perform the following to reset the screen calibration to its default settings:

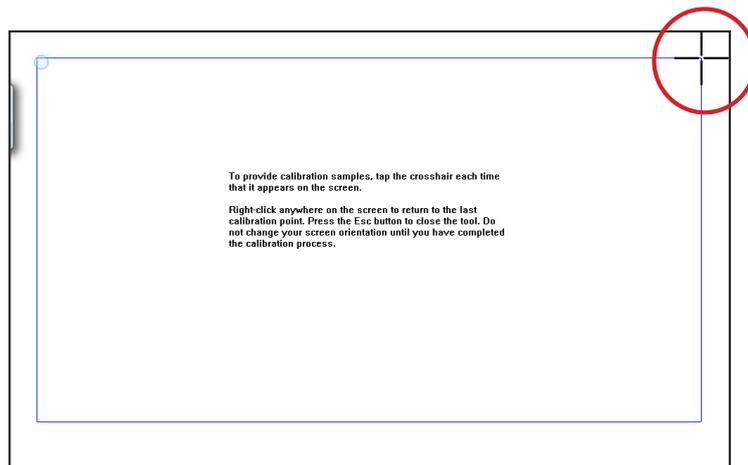
1. Tap **Start > Control Panel > Tablet PC Settings**.
2. On the **Display** tab, tap **Reset**.



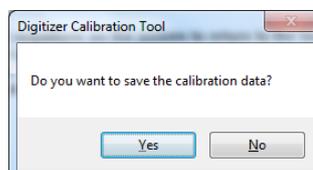
### To manually calibrate the screen

Perform the following to manually calibrate the screen:

1. Tap **Start > Control Panel > Tablet PC Settings**.
2. On the **Display** tab, tap **Calibrate**.
3. Tap the cross-hair with the stylus as it moves around the screen.



4. When calibration is complete, tap **Yes** to close the calibration utility screen.



# Using the Input Panel

The Tablet Computer Input Panel is a virtual keyboard that allows you to enter text and perform various keyboard functions.

There are two types of Input Panels for you to use:

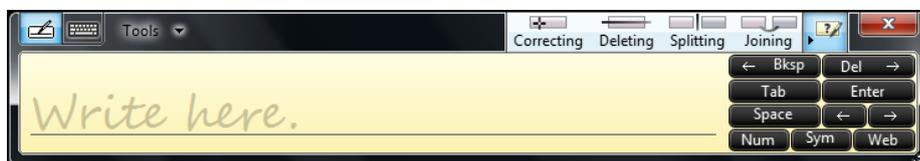
- **Touch Keyboard**

Allows you to enter text by tapping the keys with the stylus, like pressing the keys on a standard keyboard.



- **Writing Pad**

Allows you to write on the writing pad, like writing on a piece of paper. Your handwriting will be converted into typed text.

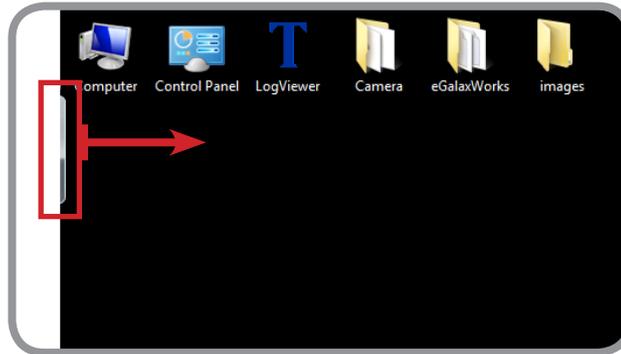


# Opening the Input Panel

## To open the Input Panel

There are two ways to open the Input Panel.

- Press Fn + F1
- From the left side of the screen, drag the edge of the Input Panel towards the center.



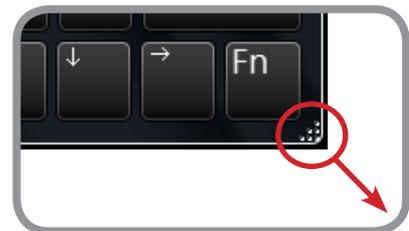
## To switch between keyboards

To switch between the Touch Keyboard and the Writing Pad, tap  or  at the upper left corner of the Input Panel.

# Managing the Input Panel

## To change the Input Panel size

To increase the size of the Input Panel, select the lower right corner of the Input Panel and drag.



## To position the Input Panel

The Input Panel floats on top of the screen by default. To move the Input Panel to an area on the screen, place the stylus on the title bar and drag the Input Panel to a new location on the screen.

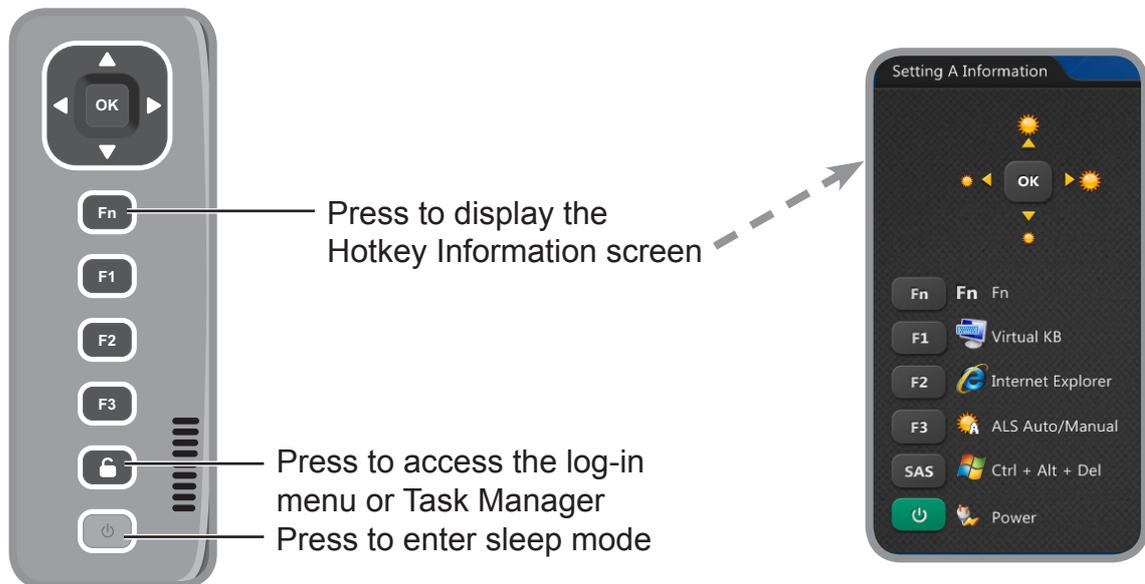
## To dock the Input Panel

You can dock the Input Panel so that it is anchored at the top or the bottom of the screen. On the Input Panel, tap **Tools > Docking**, and tap **Dock at top of screen** or **Dock at bottom of screen**.

**NOTE:** For more information on using the Input Panel, see Windows' online help.

# Using the Control Panel

The Control Panel provides shortcuts for you to utilize the applications and functions of your Tablet Computer, such as opening an application, adjusting the brightness setting or volume, and others.



## Using the Hotkeys

Press and release the **Fn** key to temporarily display the **Hotkey Information** screen. The buttons have four settings: **Setting Default**, **Setting A**, **Setting B**, and **Setting C**.

By pressing a hotkey or a combination, you can open an application, enable functions, or bring up the Input Panel.

By default, the following hotkeys are configured with the corresponding applications:

	Hotkeys	Applications to Access
Setting Default (Main Level)	▲ / ▼ / ◀ / ▶	Up, Down, Left, Right
	F1	Windows Help
Setting A (First Level)	Fn + ▲ / ▼ / ◀ / ▶	Adjust Brightness
	Fn + F1	Virtual Keyboard (Input Panel)
	Fn + F2	Internet Explorer
	Fn + F3	ALS Auto/Manual

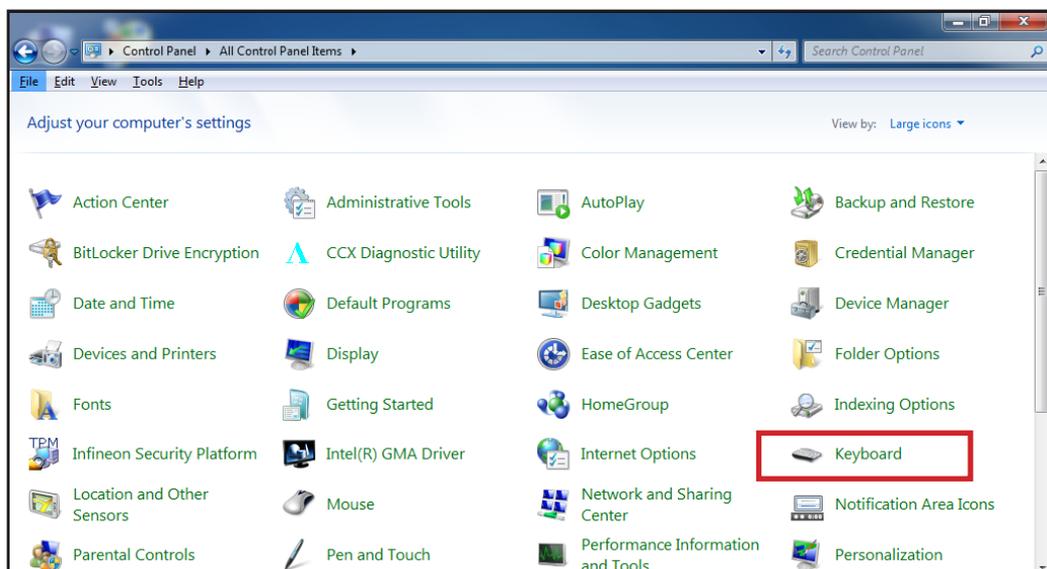
	Hotkeys	Applications to Access
Setting B (Second Level)	Fn + Fn + ▲ / ▼ / ◀ / ▶	Adjust Volume
	Fn + Fn + F1	Wifi
	Fn + Fn + F2	Bluetooth
	Fn + Fn + F3	3G
Setting C (Third Level)	Fn + Fn + Fn + ▲ / ▼ / ◀ / ▶	Up, Down, Left, Right
	Fn + Fn + Fn + F1	F1
	Fn + Fn + Fn + F2	F2
	Fn + Fn + Fn + F3	Microsoft Website

## Using the Hotkey Configuration Tool

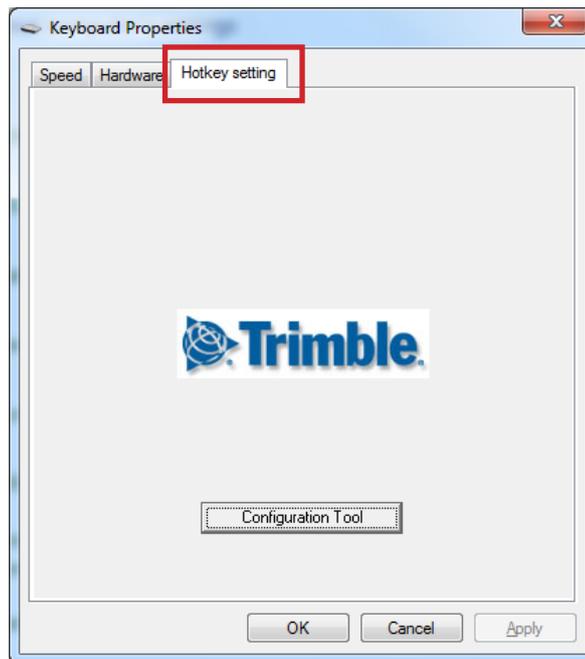
To suit your needs, you can modify the associated applications or commands to hotkey combinations using the **Hotkey Configuration Tool**.

### To Open the Hotkey Configuration Tool

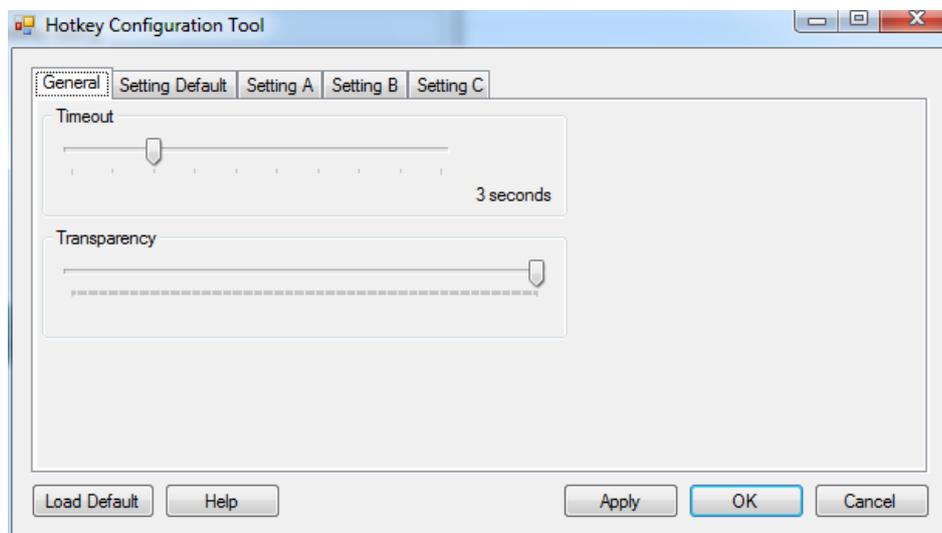
1. Tap **Start > Control Panel > Keyboard**.



2. The Keyboard Properties screen appears. Tap the **Hotkey setting** tab.



3. Tap **Configuration Tool** to open the **Hotkey Configuration Tool** screen.



The Hotkey Configuration Tool has five page tabs:

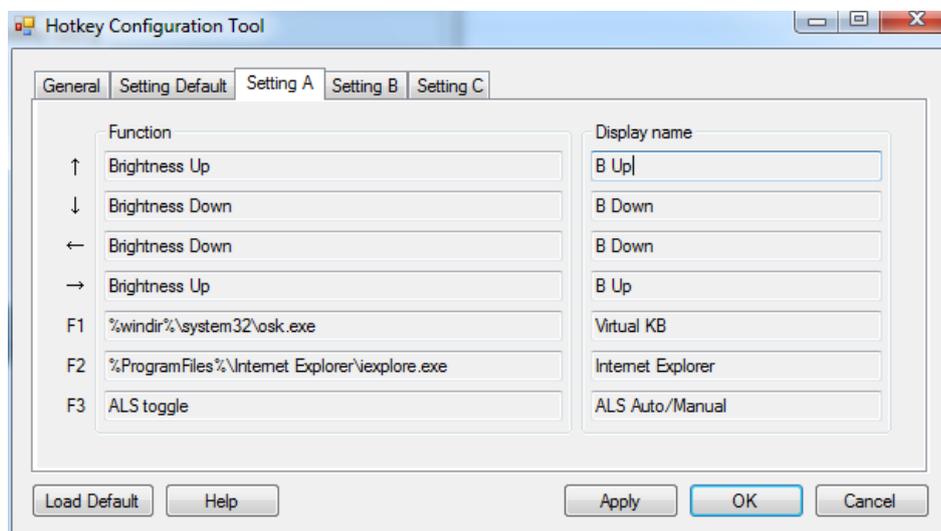
- **General:** To configure the hotkey screen timeout and transparency.
- **Setting Default:** To configure the main hotkeys.
- **Setting A:** To configure the first level hotkey combination.
- **Setting B:** To configure the second level hotkey combination.
- **Setting C:** To configure the third level hotkey combination.

## To adjust screen timeout and transparency

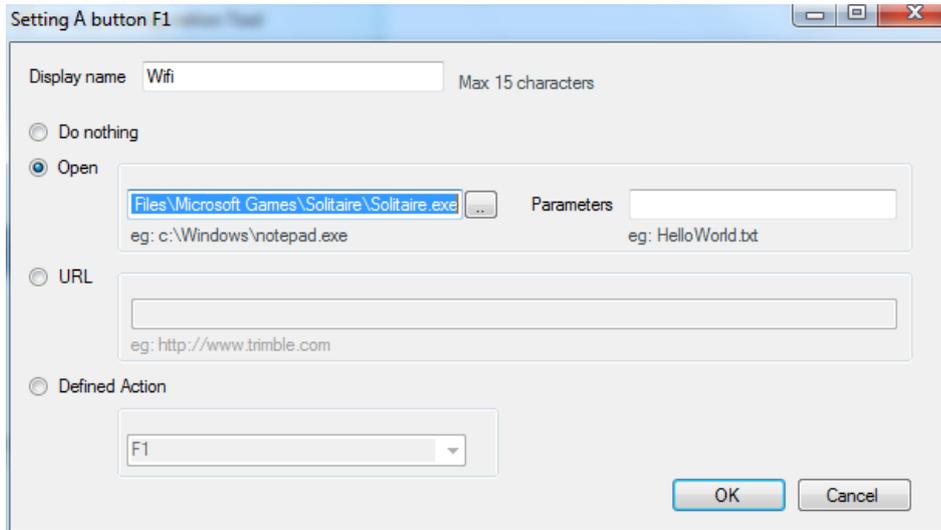
1. Open the **Hotkey Configuration Tool**.
2. On the **General** tab, do the following:
  - Slide the **Timeout** bar to the left or right to decrease or increase the Function key screen timeout (in seconds).
  - Slide the **Transparency** bar to the left or right to adjust the Function key screen transparency.
3. Tap **Apply** to apply changes.

## To configure the hotkeys

1. Open the **Hotkey Configuration Tool**.
2. Tap one of the following tabs:
  - **Setting Default:** To configure the main level hotkeys ▲, ▼, ◀, ▶, F1, F2, F3 on the control panel.
  - **Setting A:** To configure the first level hotkeys. First level hotkeys refer to hotkey combination Fn + ▲ / ▼ / ◀ / ▶ / F1 / F2 / F3.
  - **Setting B:** To configure the second level hotkeys. Second level hotkeys refer to hotkey combination Fn + Fn + ▲ / ▼ / ◀ / ▶ / F1 / F2 / F3.
  - **Setting C:** To configure the third level hotkeys. Third level hotkeys refer to hotkey combination Fn + Fn + Fn + ▲ / ▼ / ◀ / ▶ / F1 / F2 / F3.



3. Tap the field box of the hotkey that you want to modify. The screen below appears.



4. On the **Display name** box, type a name for the hotkey (maximum of 15 characters only).
5. Tap one of the following buttons:
  - **Do nothing:** To do nothing when the hotkey is pressed.
  - **Open:** To assign an application that will open when the hotkey is pressed. Tap  to select the application.
  - **URL:** To set a URL address that will open when the hotkey is pressed. Type the URL address on the box.
  - **Defined Action:** To perform an action or command when the hotkey is pressed. Tap the box and select the action or command from the list.
6. Tap **OK** to go back the previous screen.
7. Tap **OK** to close the screen.

## Adjusting Volume

By default, you may perform the following to adjust the volume of your Tablet Computer:

- To increase volume, press **Fn + Fn**, then press ▲ or ► repeatedly.
- To decrease volume, press **Fn + Fn**, then press ▼ or ◀ repeatedly.

## Adjusting Screen Brightness

By default, you may perform the following to adjust the screen brightness of your Tablet Computer:

- To increase brightness, press **Fn**, then press ▲ or ► repeatedly.
- To decrease brightness, press **Fn**, then press ▼ or ◀ repeatedly.

# Using Wireless LAN

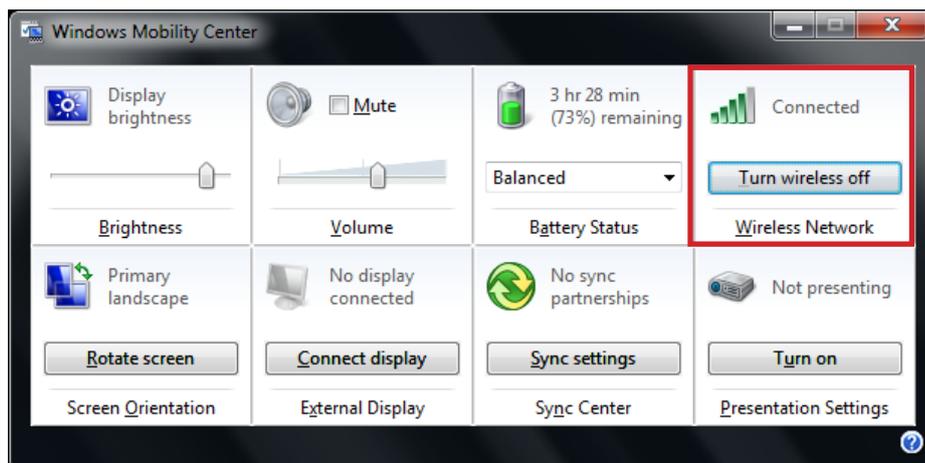
Your Tablet Computer has a built-in wireless antenna which automatically detects wireless networks that are within range.

It takes approximately 30 seconds for your Tablet Computer to make a successful wireless connection and approximately 10 seconds to disconnect.

## Turning the Wireless Antenna On and Off

By default, the wireless antenna is turned on. In case you need to turn the wireless antenna on or off, perform the following:

1. Tap **Start > Control Panel > Windows Mobility Center**.
2. To turn the wireless antenna on or off, tap **Turn wireless on** or **Turn wireless off**.



## Connecting to a Wireless Network

Perform the following to connect to a wireless network:

1. Make sure that the wireless radio is “on” (The Wireless LED indicator in solid green and the Wireless network icon on the taskbar shows .
2. Tap the Wireless Network icon () on the taskbar.
3. In the list of available networks, tap a network.



4. Tap **Connect**.
5. If the network requires authentication, enter the security key or passphrase.

### NOTE:

- Once you are connected to a wireless network, Windows saves the network profile and will automatically connect to that network when it is in range.
- For more information on connecting to a wireless network, see Window's online help.

# Using Bluetooth

Your Tablet Computer has integrated Bluetooth capability for short-range wireless communication between Bluetooth-enabled devices.

By default, the Bluetooth feature is enabled as indicated by the Bluetooth icon (📶) on the taskbar; but your Tablet Computer is not visible to other devices. To make your Tablet Computer visible, check the **Discovery** box in Bluetooth settings (see “Configuring Bluetooth Settings” on page 2-17).

## Turning the Bluetooth Adapter On and Off

In case you need to turn the Bluetooth adapter on or off, perform the following:

1. Tap the Bluetooth On (📶) or Bluetooth off (📶 off) icon on the taskbar.
2. A pop up menu appears. Tap **Turn adapter on** or **Turn adapter off**.

**NOTE:** If the Bluetooth icon is not shown on the taskbar, tap **Start > Devices and Printers**. Under **Devices**, tap and hold the Bluetooth adapter icon, a pop up menu appears. Tap **Bluetooth settings**, then check **Show the Bluetooth icon in the notification area**, and tap **OK**.

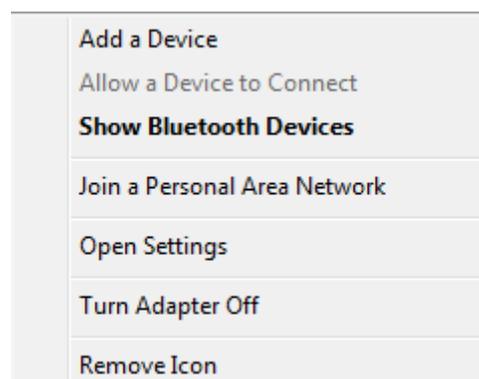
## Pairing with Bluetooth Devices

Before you can pair with Bluetooth devices for the first time, you need to add and save the device profile to your Tablet Computer.

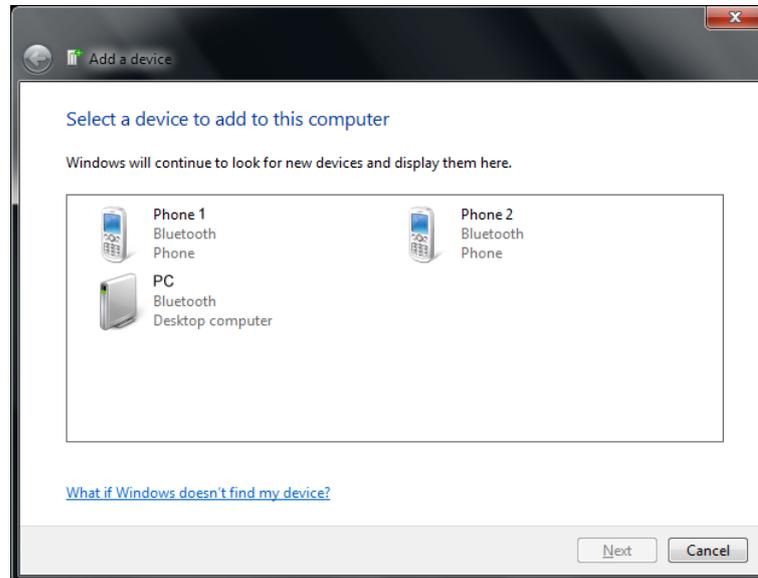
### To add and pair a Bluetooth device

Perform the following to pair your Tablet Computer with Bluetooth devices:

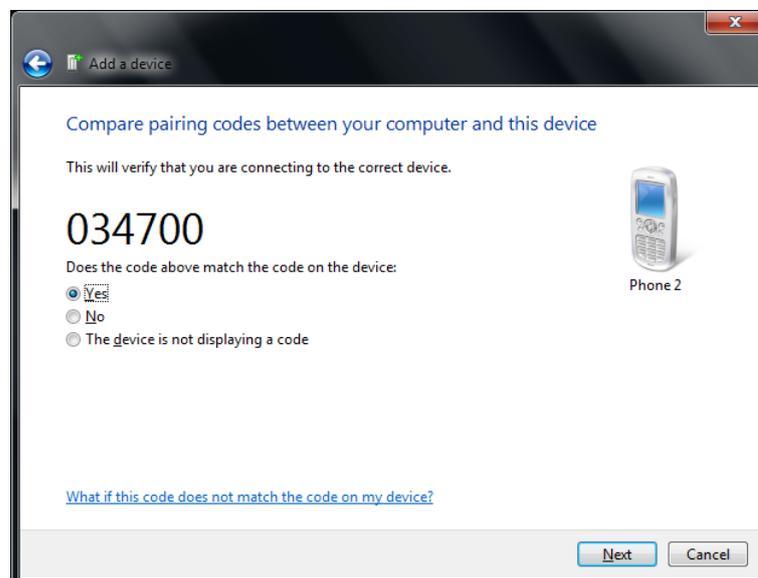
1. Make sure the Bluetooth adapter is on as indicated by the Bluetooth icon (📶) on the taskbar.
2. Tap the Bluetooth icon (📶) to display a pop up menu.



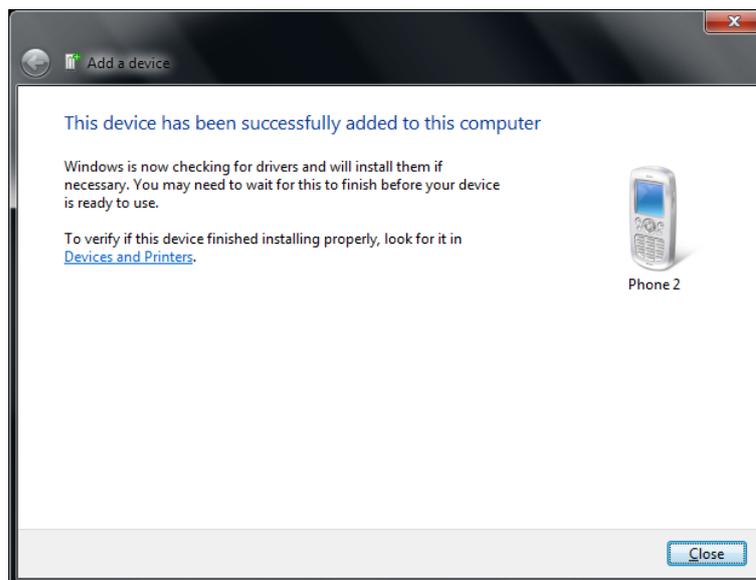
3. Tap **Add a Device**. The Tablet Computer will scan for Bluetooth devices within range.
4. Tap the device you want to pair with, then tap **Next**.



5. Depending on the device you are pairing, you may be prompted to enter or verify the pairing code. The pairing code entered or shown on your Tablet Computer and the Bluetooth device must be the same. Tap **Next** to continue.



6. Windows will check for the device driver and install, if necessary. Tap **Close** to close the screen.



Depending on the paired Bluetooth device, you may use your Tablet Computer speakers to listen to music played from the Bluetooth device, transfer files, and more.

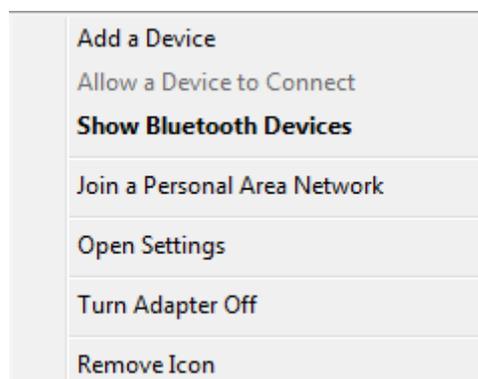
**NOTE:** For more information on using Bluetooth features, see Windows online help.

### To reconnect to a Bluetooth device

Once a Bluetooth device has been paired with your Tablet Computer, you do not need to enter or verify the pairing code as you did the first time.

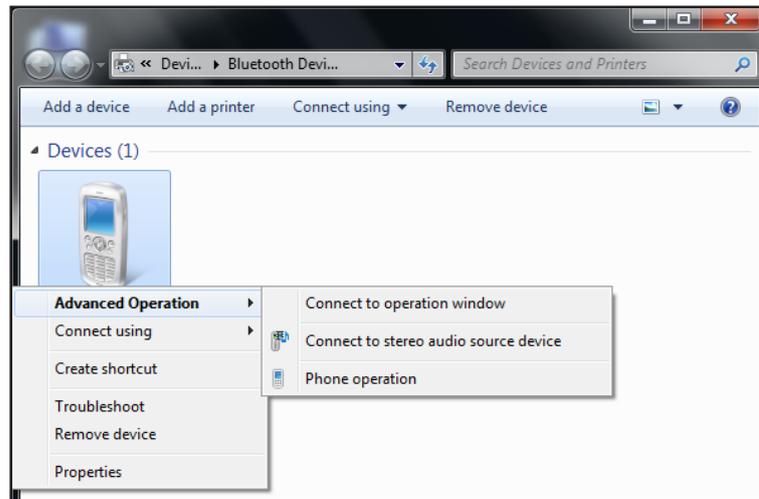
To reconnect to a Bluetooth device, perform the following:

1. Make sure the Bluetooth adapter is on as indicated by the Bluetooth icon (📶) on the taskbar.
2. Tap the Bluetooth icon (📶) to display a pop up menu.

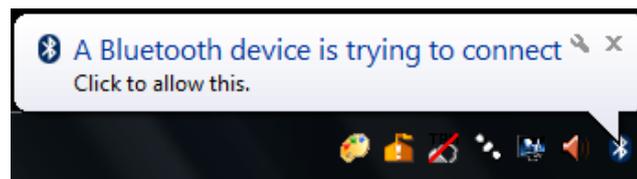


3. Tap **Show Bluetooth Devices**.

4. Tap and hold the Bluetooth device to display the pop up menu.
5. Tap **Advanced Operation**, then tap the applicable connection operation.



When a Bluetooth device wants to pair with your Tablet Computer, a pop up message appears on the taskbar, tap the message to pair with the device.



## Configuring Bluetooth Settings

The Bluetooth Settings allows you to configure how you want to connect to Bluetooth devices, sync data, and other options. To access the settings, tap and hold the Bluetooth icon (📶) on the taskbar, and tap **Open Settings**.

# Using 3G Network

Your Tablet Computer may have 3G network capabilities that provide wireless connection to the Internet using a SIM card with data subscription.

**NOTE:** The 3G network feature is an optional item.

## Connecting to 3G Network

Your Tablet Computer comes with Sierra Wireless AirCard® Watcher, an application that allows you to connect to the Internet using your SIM card and keeps you informed of your wireless connection status. Perform the following to connect to your 3G network:

1. Install a SIM card to your Tablet Computer (see “Installing the SIM Card” on page 1-8).
2. Open the AirCard® Watcher application (tap **Start > All Programs > Sierra Wireless > AirCard Watcher**).

The application detects the SIM card and displays network information on the AirCard® Watcher main screen.



**TIP:** To open AirCard® Watcher faster, create a desktop shortcut icon or configure one of the hotkeys to open the application (see “Using the Hotkeys” on page 2-6). Alternatively, you can set AirCard® Watcher to open and connect automatically with your 3G network (see “To configure 3G network profiles” on page 2-22).

3. Tap **Connect** to connect to the 3G network.

Once connected, the AirCard® Watcher main screen displays the network connection information, such as signal strength, connection speed, and bitrate transfer. For more information on using the application, see “Using AirCard® Watcher” on page 2-19.

# Using AirCard® Watcher

## The AirCard® Watcher main screen

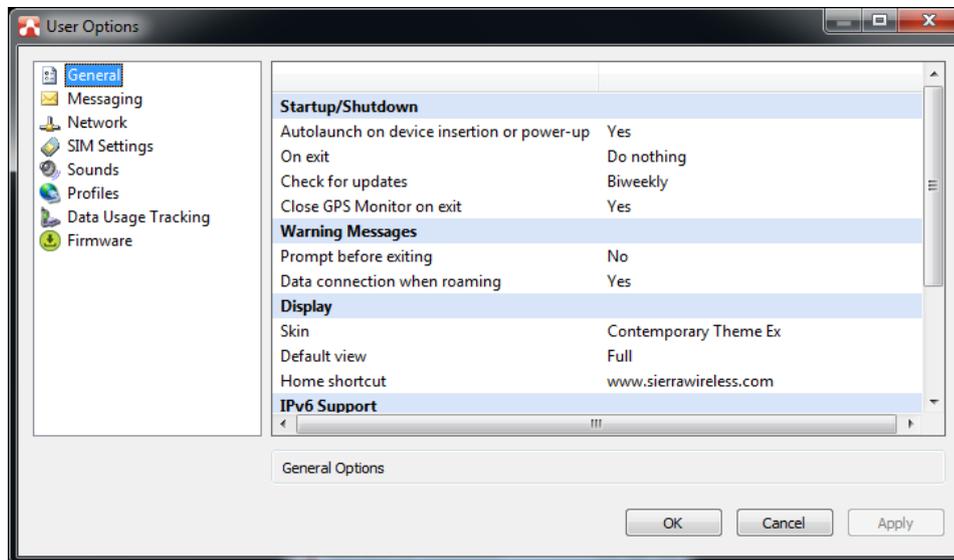


No.	Item	Description
1	 3G On/Off	<ul style="list-style-type: none"> <li><b>Green:</b> 3G network is on.</li> <li><b>Red:</b> 3G network is off.</li> </ul>
	 Signal Strength	<ul style="list-style-type: none"> <li><b>Green:</b> Indicates the network signal strength. More lit bars indicates stronger signal.</li> <li><b>Red:</b> No signal.</li> </ul>
	 Network Type	Indicates the network connection type.
2	Toolbar	Tap an icon to access the function.
	 Wireless Profile	Tap to view and modify wireless network profile.
	 SMS	Tap to open <b>SMS Express</b> to send and receive SMS messages on your Tablet Computer. <b>NOTE:</b> Your data plan subscription must support this feature to be able to send and receive SMS messages on your Tablet Computer.
	 History	Tap to view the usage history and clear the bitrate counters.
	 Airplane Mode	Tap to enable airplane mode. When this feature is enabled, the icon turns red. Tap the icon again or tap <b>Turn Radio On</b> to disable airplane mode.

No.	Item	Description
2	 AirCard GPS	Tap to open AirCard GPS Monitor.
	 Settings	Tap to access the AirCard® Watcher settings. See “Configuring AirCard® Watcher Settings” on page 2-21.
	 Help	Tap to view the help file.
3	Network Name	Displays the name of the SIM card network provider.
4	Data Transfer Rate	Displays the upstream and downstream transfer information.
5	 Home	Tap to open the Sierra Wireless website.
6	 Speed Graph	Tap to display a graphical table of the data transfer speed.
7	 Menu	Tap to access the application menu.
	 Minimize	Tap to minimize the application to the system tray.
	 Restore	Tap to toggle the display between full view and compact view.
	 Close	
8	Connect / Disconnect Button	Tap to connect or disconnect from the 3G network.
9	Network Info	A graphical display of the network connection type.
10	Speed	Indicates the network connection speed.
11	 Customer Support	Tap to open Sierra Wireless support website.

## Configuring AirCard® Watcher Settings

On the AirCard® Watcher main screen, tap the Settings (  ) icon to display the screen below.



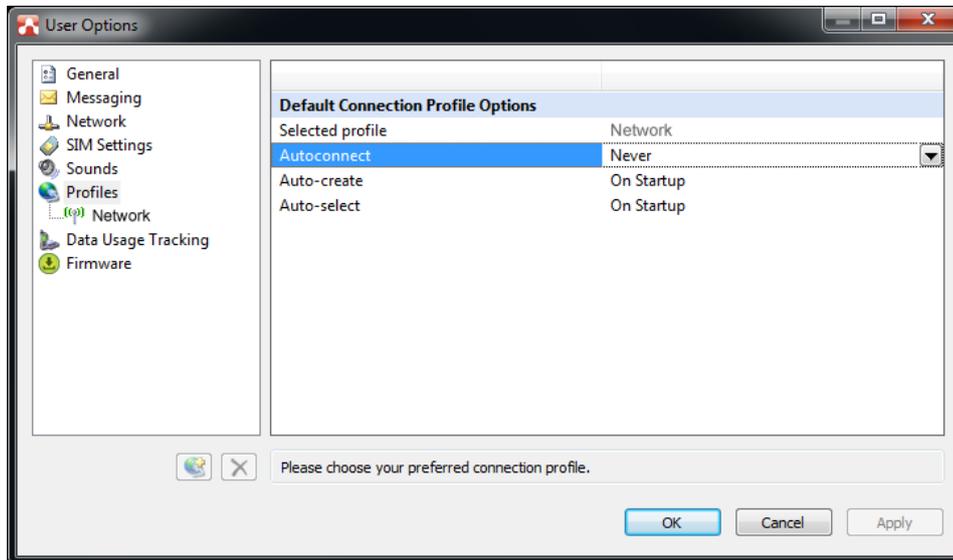
Tap a menu item on the left panel to display the corresponding settings on the right. The following menus are available:

Menu	Description
General	Configures startup/shutdown settings, warning messages, display properties, and others.
Messaging	Configures message settings such as service center number, default storage, and message notification.
Network	Configures network mode and radio technology.
SIM Settings	Enables SIM security settings.
Sounds	Enables sound alert when network is connected, disconnected or when a new message is received.
Profiles	Configures network profiles and auto-connect functions. See “To configure 3G network profiles” on page 2-22.
Data Usage Tracking	Enables data usage tracking and configures data subscription rate plan settings. This feature is useful when you have limited data rate plan to help you monitor and control your Internet usage.
Firmware	Displays firmware information.

## To configure 3G network profiles

Once a SIM card is used in your Tablet Computer, its network profile is created. You can view network information, such as profile name, access point name (APN), TCP/IP settings, and more. You can also set AirCard® Watcher to automatically connect to the 3G network at startup.

1. On the AirCard® Watcher main screen, tap the Wireless Profile (📶) icon.



**NOTE:** Alternatively, you can also access the Profiles menu, by tapping , and then **Profiles** on the left panel.

2. On the **Profiles** menu, the following items are displayed:
  - **Selected profile:** Displays the name of your 3G network.
  - **Autoconnect:** Tap the field and then select one of the following:
    - Never: Do not auto-connect to network.
    - While not roaming: Automatically connects to network while within the local network coverage.
    - Always (even when roaming): Automatically connects to network even when roaming outside the local network coverage.

**NOTE:** Connecting to your network while roaming may incur additional charges. Check with your service provider for details.

- **Auto-create:** Tap to automatically create a connection profile when using a new SIM card.
  - **Auto-select:** Tap to automatically select the best connection profile for the current SIM.
3. Tap **Apply** to save the settings.

4. To view the SIM card information, tap the network name on the left panel.
5. Tap **OK** to close the screen.

# Using GPS

Your Tablet Computer has a GPS (Global Positioning System) receiver module built in and includes the **Trimble GPS Information** software.

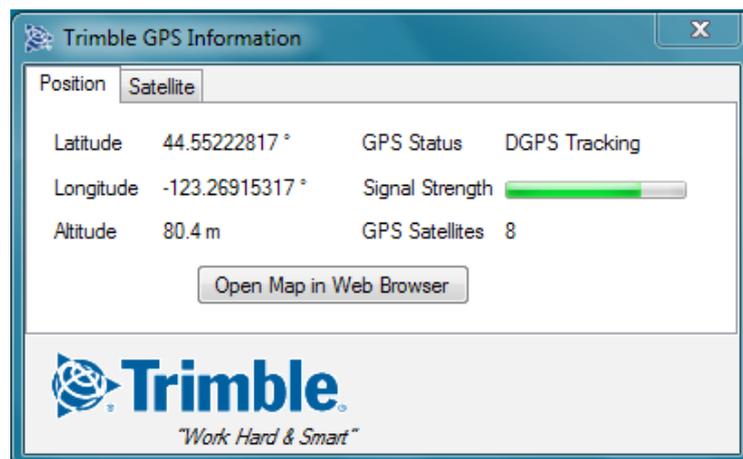
**Trimble GPS Information** is an application that allows you to manage the following:

- Position
- Satellites

To open **Trimble GPS Information**, tap **Start > All Programs > Trimble > Trimble GPS Information**.

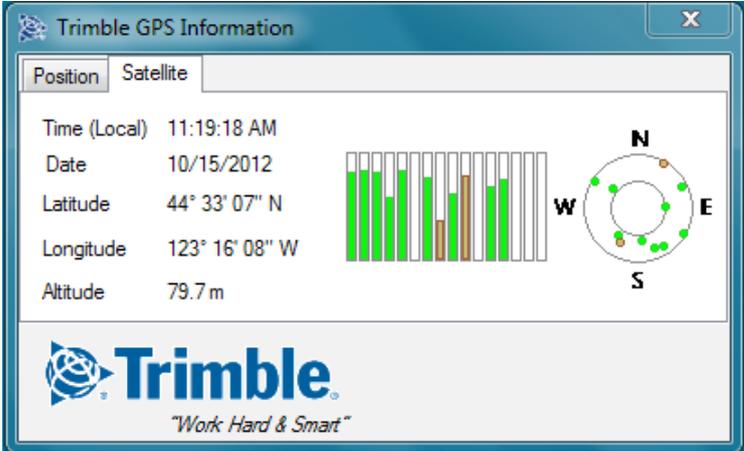
## Position

The Position tab provides an overview of your location and system status. Click the **Open Map in Web Browser** button to view your location on the map.



# Satellites

The Satellites tab displays the coordinates of your location as viewed from the satellites, including the date and time and satellite altitude.



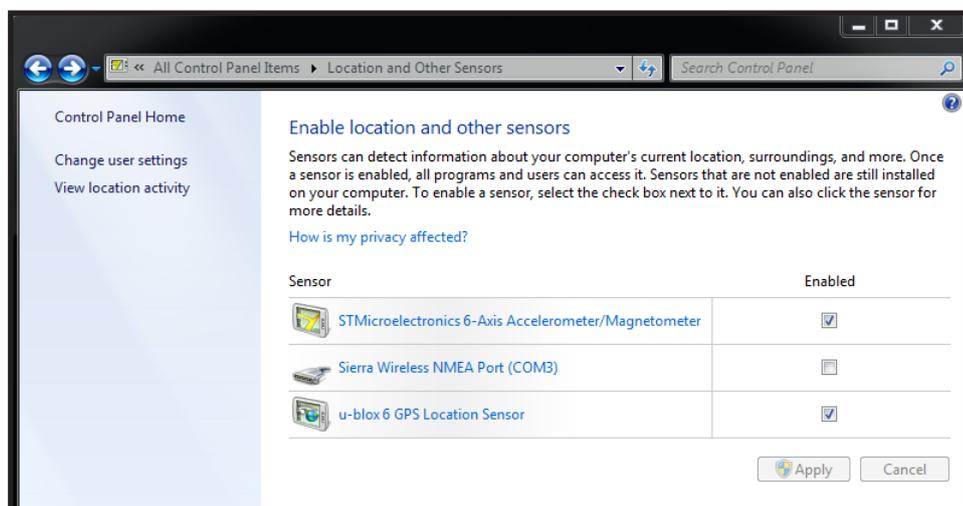
# Using the Accelerometer / Compass

Your Tablet Computer has a built in accelerometer sensor and comes with a compass application. The accelerometer detects your location, surroundings, and more. You can use the compass application to point the direction to where you are heading.

## Activating the Accelerometer

By default, the accelerometer is enabled on your Tablet Computer. However, if you need to disable and re-enable this feature again, perform the following:

1. Tap **Start > Control Panel > Location and Other Sensors**.



2. On the **STMicroelectronics 6-Axis, Accelerometer/Magnetometer Enabled** box, tap to enable or disable this feature.
3. Tap the **Apply** button to save changes.

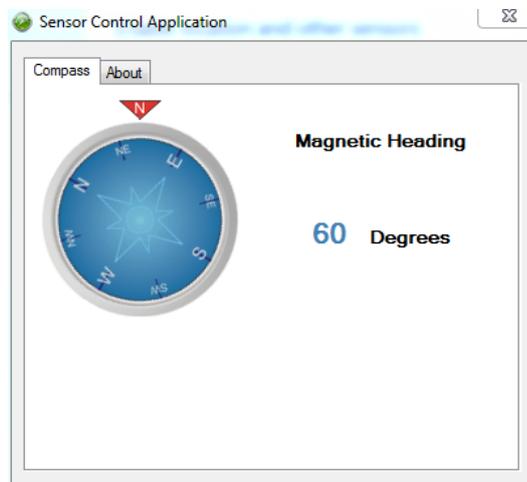
## Using the Compass

The **Sensor Control Application** is a compass application that points the direction to where you are heading just like a mechanical compass does.

To open the compass application, tap **Start > All Programs > STMicroelectronics > Sensor Control Application**.

## To use the compass

Hold the Tablet Computer with both hands in front of you. Face the direction to where you are heading. The screen displays your direction.



## To recalibrate the compass

Rotate and then turn the Tablet Computer to recalibrate the compass.

# Using the Camera

Your Tablet Computer has a built-in camera for taking photos and videos. Photos can be captured with GPS location data.

## Opening the Camera

1. Tap **Start > All Programs > Trimble > Camera > Camera**. The camera screen appears.
2. Tap the screen to show the camera control buttons.

## The Camera Screen

The camera has two capture modes: Photo mode and Video mode. By default, the camera opens to Photo mode. Below is the Photo mode camera screen, similar screen appears in Video mode.



No.	Item	Description
1	Preview Thumbnail	<ul style="list-style-type: none"> <li>• Displays the thumbnail of the last captured photo or video.</li> <li>• Tap to open the captured photo or video file for viewing.</li> </ul>
2	Change Mode Icon	Toggles between video and photo modes.
	 Video mode	Tap to change to video mode.
	 Photo mode	Tap to change to photo mode.

No.	Item	Description
3	Camera Screen	Shows the object to capture.
4	 Shutter Button	<ul style="list-style-type: none"> <li>Indicates the camera is in photo mode.</li> <li>Tap the shutter button to capture a photo.</li> </ul>
	 Record Button	<ul style="list-style-type: none"> <li>Indicates the camera is in video mode.</li> <li>Tap the record button to record a video.</li> </ul>
5	Date Stamp	Indicates date stamping is included when capturing photos. <b>NOTE:</b> Available only in Photo mode.
6	Resolution	<ul style="list-style-type: none"> <li>Indicates the current camera resolution.</li> <li>Tap repeatedly to change to a different resolution setting.</li> </ul>
7	 Close Button	Tap to close the camera.
8	GPS Tag	Indicates GPS tagging is included when capturing photos. <b>NOTE:</b> Available only in Photo mode.
9	 Menu Button	Tap to display the camera menu.

## Shooting Photos

1. Open the camera.
2. Focus on your subject.
3. Tap  to capture the photo.

### To change the photo resolution

- To change the photo resolution, repeatedly tap the resolution on the upper-right corner of the screen. The available options vary depending on the current aspect ratio setting. See “To set the aspect ratio and resolution” on page 2-34.

### To switch to Video mode

- To switch to Video mode, tap .

### To configure photo settings

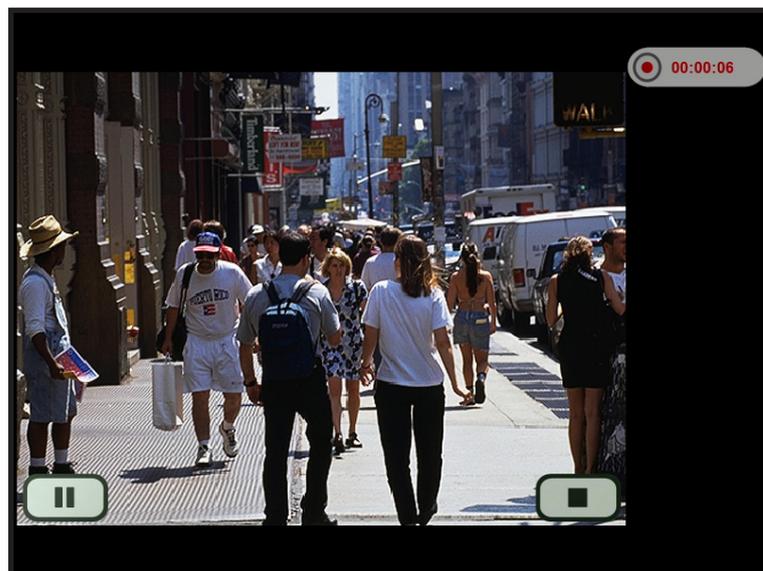
- To configure the photo settings, tap . See “Working With Photos” on page 2-32 for more information.

## Recording Videos

1. Open the camera.
2. Tap  to change to Video mode.



3. Focus on your subject.
4. Tap  to start the recording. The recording screen appears.



5. To pause the recording, tap . Then tap  to resume the recording.
6. When done, tap  to stop the recording.

## To change the video resolution

- To change the video resolution, tap the resolution on the upper-right corner of the screen to toggle the settings:



## To switch to Photo mode

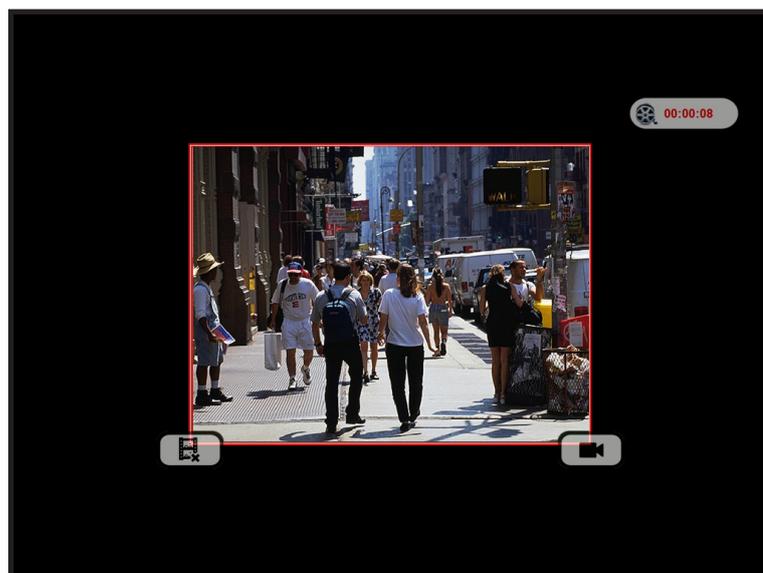
- To switch to Photo mode, tap .

## To configure video settings

- To configure the video settings, tap . See “Working with Videos” on page 2-38 for more information.

## Playing Videos

When Video Review is enabled in video settings, the video is automatically previewed after the recording stops.



- To delete the recording, tap .
- To save the recording and close the video review, tap .

# Working With Photos

## The Photo Menu

In Photo mode, tap  to access the photo menu settings.

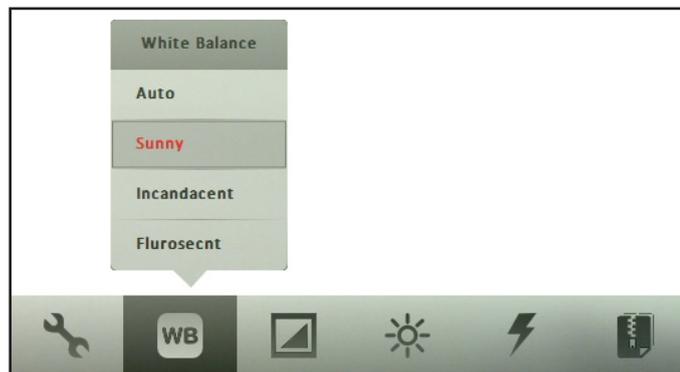


No.	Item	Description
1	Main Photo Menu	
	 More Settings	Tap to expand the menu. See item number 2.
	 White Balance	Tap to set the white balance setting. See “To set the white balance” on page 2-33.
	 Exposure	Tap to select an exposure value. Select “Auto” to allow the camera to automatically set the exposure based on the surrounding light.
	 Brightness	Tap to set the brightness setting. The higher the value, the brighter the capture setting becomes. Select “0” for normal brightness setting.
	 Flash	Turns the flash on or off.
	 Image Quality	Sets the image quality setting. See “To set the image quality” on page 2-34

No.	Item	Description
2	Expanded Photo Menu	
	 Aspect Ratio and Resolution	Sets the aspect ratio and resolution. See “To set the aspect ratio and resolution” on page 2-34.
	 Storage Location	Sets either <b>Internal Memory</b> or <b>External Memory</b> to save captured photos or videos.
	 Focus	Enables or disables focus.
	 Image Review	Configures the image review options. See “To preview photos” on page 2-35.
	 Image Tagging	Adds date or GPS tags to captured photos. See “To add date and time on photos” on page 2-36 and “To tag photos with GPS” on page 2-37.
	 App Settings	Configures the camera orientation, sound setting, and filename prefix. See “Managing Camera Application Settings” on page 2-42.
3	Submenu Options	Displays the options of a tapped menu. Tap an option to select it.

## To set the white balance

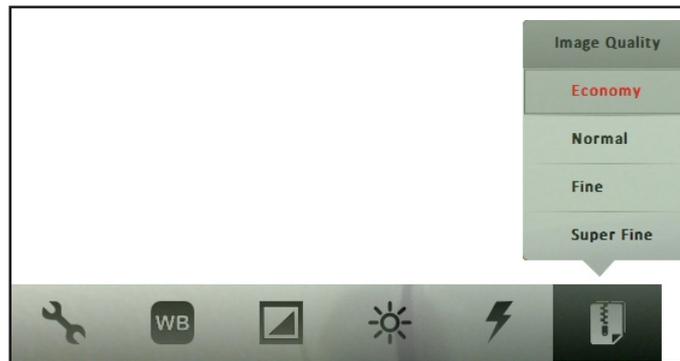
1. In Photo or Video mode, tap  > .



2. Tap the one of the following options:
  - **Auto:** Allows the camera to set the white balance automatically.
  - **Sunny:** Select this option when capturing outdoor photos.
  - **Incandescent:** Select this option when capturing indoor photos.
  - **Fluorescent:** Select this option when capturing photos under fluorescent lighting.

## To set the image quality

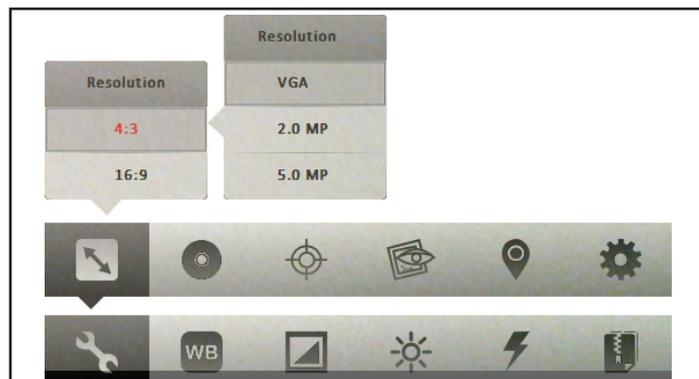
1. In Photo mode, tap  > .



2. Tap one of the following options:
  - **Economy**: Select this option to capture small-sized photos to conveniently attach in emails or messages.
  - **Normal**: Select this option for normal image quality.
  - **Fine**: Select this option for better image quality.
  - **Super Fine**: Select this option for the best image quality. The file size is bigger than lower quality images.

## To set the aspect ratio and resolution

1. In Photo mode, tap  >  > .



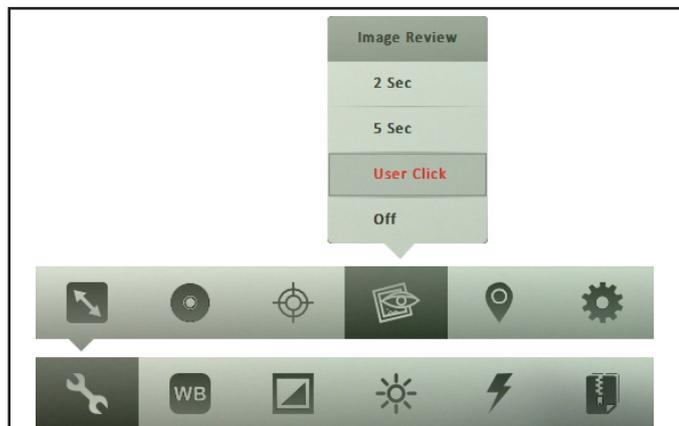
2. Tap an aspect ratio option:
  - **4:3**: Select this option for a 4:3 ratio photo.
  - **16:9**: Select this option for a 16:9 ratio photo.
3. Tap a resolution. The available options depend on the selected aspect ratio.
  - For **4:3** aspect ratio, the following options are available:
    - **VGA**: Select this option for a 640 x 480 resolution.

- **2.0 MP:** Select this option for a 1600 x 1200 resolution.
- **5.0 MP:** Select this option for a 2592 x 1944 resolution.
- For **16:9** aspect ratio, the following options are available:
  - **1.0 MP:** Select this option for a 1280 x 720 resolution.
  - **3.0 MP:** Select this option for a 1920 x 1080 resolution.

## To preview photos

The Image Review setting allows you to preview captured photos right after shooting it.

1. In Photo mode, tap  >  > .

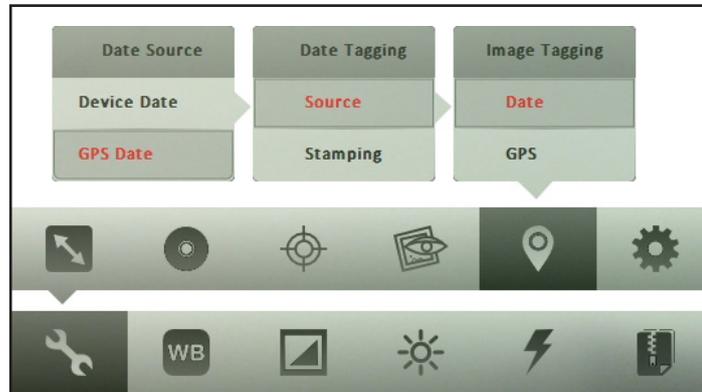


2. Tap one of the following options:
  - **2 Sec:** Select this option to display the photo for 2 seconds after capturing it.
  - **5 Sec:** Select this option to display the photo for 5 seconds after capturing it.
  - **User Click:** Select this option to display the photo right after capturing it and closes the preview when the user taps the screen.
  - **Off:** Select this option to disable photo preview.

## To add date and time on photos

Perform the following to add the date and time on photos.

1. In Photo mode, tap  >  > .



2. Tap **Date**.
3. Tap **Source**, and then tap one of the following options:
  - **Device Date**: Select this option to use the date and time of your Tablet Computer.
  - **GPS Date**: Select this option to use the date and time of the GPS navigation system.
4. Tap **Stamping**, and then tap one of the following options:
  - **Image Stamp**: Select this option to add the date and time on captured photos.
  - **Exif**: Select this option to save the date and time to the exif data of the captured photo. The date and time is not shown on the screen nor on printed photos.
  - **Both**: Select this option to add the date and time on captured photos and save it on the exif data.
  - **Off**: Select this option to hide the date and time.

## To tag photos with GPS

Perform the following to tag photos with GPS location.

1. In Photo mode, tap  >  > .



2. Tap **GPS**.
3. Tap **Format**, and then tap one of the following options:
  - **Deg/Min/Sec**: Select this option to tag and display the GPS location in Deg/Min/Sec format.
  - **Decimal Deg**: Select this option to tag and display the GPS location in decimal degree format.
4. Tap **Stamping**, and then tap one of the following options:
  - **Image Stamp**: Select this option to tag and add the GPS location on captured photos.
  - **Exif**: Select this option to tag and save the GPS location to the exif data of the captured photo. The GPS location is not shown on the screen nor on printed photos.
  - **Both**: Select this option to tag and display the GPS location on captured photos and save the location on the exif data.
  - **Off**: Select this option to hide the GPS location.

# Working with Videos

## The Video Menu

In Video mode, tap  to access the video menu settings.

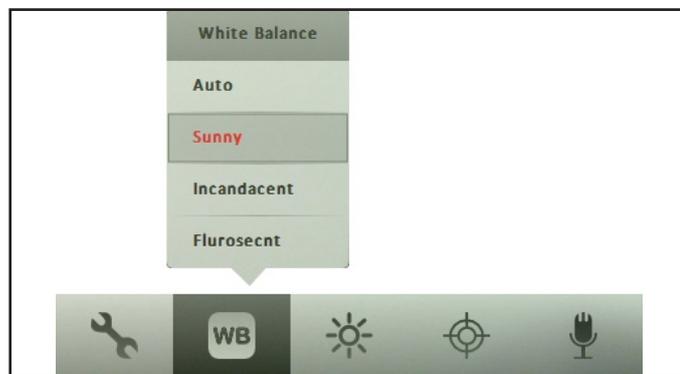


No.	Item	Description
1	Main Video Menu	
	 More Settings	Tap to expand the menu. See item number 2.
	 White Balance	Tap to set the white balance setting. See “To set the white balance” on page 2-39.
	 Brightness	Tap to set the brightness setting. The higher the value, the brighter the capture setting becomes. Select “0” for normal brightness setting.
	 Focus	Enables or disables focus.
	 Audio Record	Enables or disables audio recording. See “To enable audio recording” on page 2-39.
2	Expanded Video Menu	
	 Resolution	Sets the video resolution. See “To set the video resolution” on page 2-40.
	 Storage Location	Sets either <b>Internal Memory</b> or <b>External Memory</b> to save captured videos.
	 Video Review	Configures the video review options. See “To enable video review” on page 2-40.

No.	Item	Description
2	 Pause Timeout	Sets the pause timeout option. See “To set pause timeout” on page 2-41.
	 App Settings	Configures the sound and filename prefix settings. See “Managing Camera Application Settings” on page 2-42.
3	Submenu Options	Displays the options of a tapped menu. Tap an option to select it.

### To set the white balance

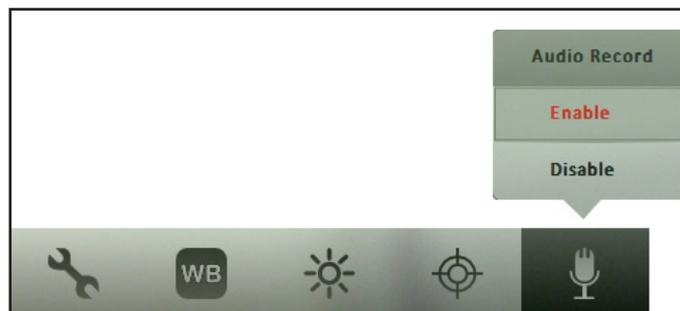
1. In Video mode, tap  > .



2. Tap the one of the following options:
  - **Auto:** Allows the camera to set the white balance automatically.
  - **Sunny:** Select this option when capturing outdoor videos.
  - **Incandescent:** Select this option when capturing indoor videos.
  - **Fluorescent:** Select this option when capturing videos under fluorescent lighting.

### To enable audio recording

1. In Video mode, tap  > .



2. Tap **Enable** to enable audio recording or **Disable** to disable audio recording.

## To set the video resolution

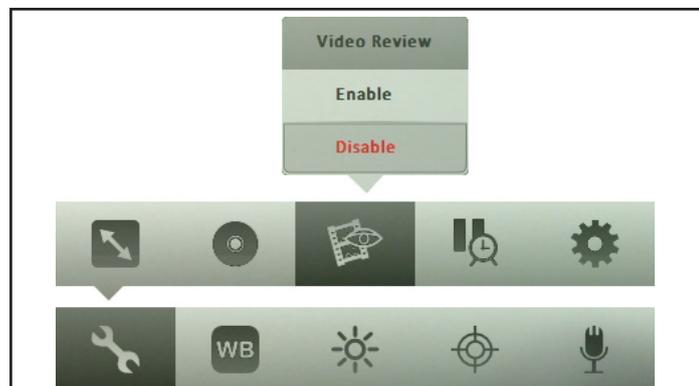
1. In Video mode, tap  >  > .



2. Tap a resolution.
  - **QVGA:** Select this option for a 320 x 240 video resolution. Ideal for recording small-sized videos to attach to emails or messages.
  - **VGA:** Select this option for a 640 x 480 video resolution.
  - **UXGA:** Select this option for a 2600 x 1200 video resolution. Ideal for recording high quality videos.

## To enable video review

1. In Video mode, tap  >  > .

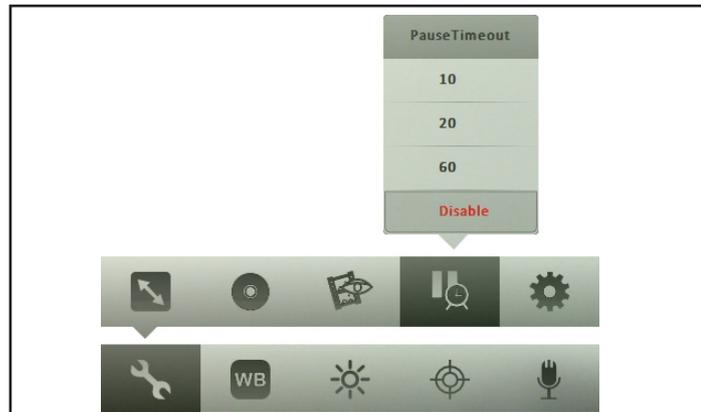


2. Tap one of the following options:
  - **Enable:** Select this option to review the video right after recording it.
  - **Disable:** Select this option to disable video review.

## To set pause timeout

When recording videos, users sometimes pause the recording and forget to resume or stop it. With the Pause Timeout setting, you can set the amount of time after which the paused recording is automatically saved and stopped.

1. In Video mode, tap  >  > .



2. Tap one of the following options:
  - **10**: Select this option to save and stop the recording after being paused for 10 seconds.
  - **20**: Select this option to save and stop the recording after being paused for 20 seconds.
  - **60**: Select this option to save and stop the recording after being paused for 60 seconds.
  - **Disable**: Select this option to disable pause timeout option.

# Managing Camera Application Settings

## To change the screen orientation

The camera screen orientation can be fixed to portrait or landscape mode or make the screen automatically change orientation as you rotate the Tablet Computer.

**NOTE:** This feature is available only in Photo mode. In Video mode, the screen orientation is automatically set to landscape mode.

Perform the following to set the camera screen orientation.

1. In Photo mode, tap  >  > .

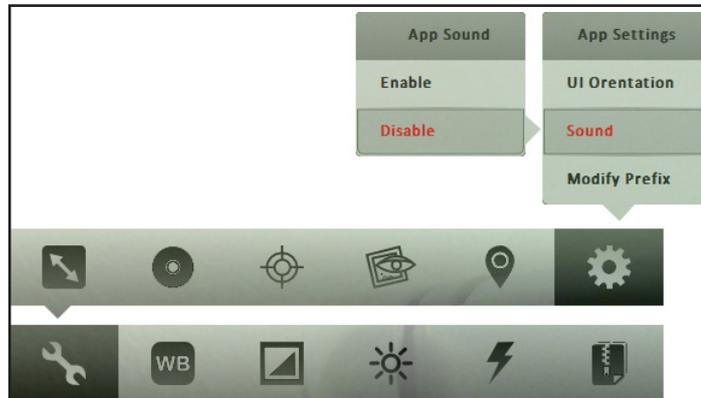


2. Tap **UI Orientation**.
3. Tap one of the following options:
  - **Rotate on Tilt:** Select this option to change the screen orientation as you rotate the Tablet Computer.
  - **Landscape:** Select this option to fix the screen orientation to landscape mode.
  - **Portrait:** Select this option to fix the screen orientation to portrait mode.

## To enable sound

Perform the following to enable or disable the camera sound.

1. In Photo or Video mode, tap  >  > .

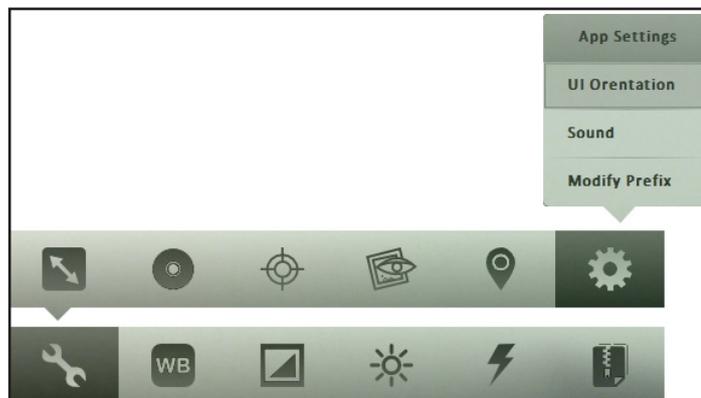


2. Tap **Sound**.
3. Tap **Enable** or **Disable**.

## To modifying filename prefix

Perform the following to specify the prefix of photo and video filenames.

1. In Photo or Video mode, tap  >  > .



2. Tap **Modify Prefix**.
3. On the **Still Prefix** box, type the desired prefix to add to photo filenames.
4. On the **Video Prefix** box, type the desired prefix to add to video filenames.



5. Tap **Save** to save changes.

# *Expanding Your Tablet Computer*

You can expand the capabilities of your Tablet Computer by connecting other peripheral devices. When using a device, be sure to read the instructions accompanying the device together with the relevant section in this chapter.

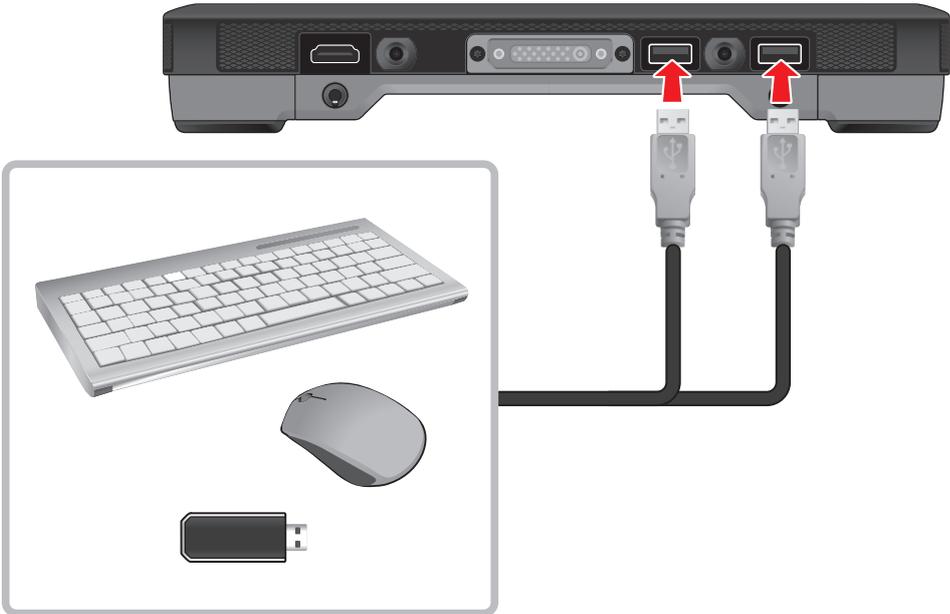
This chapter gives guidelines on installing and using these devices:

- USB Device
- HDMI Device
- Audio Device

# Connecting USB Devices

Your Tablet Computer has two USB ports for connecting USB devices, such as a flash disk drive, scanner, printer, keyboard, and mouse. The Tablet Computer has built-in support for mass storage devices and human interface devices. Other types of USB devices may require drivers.

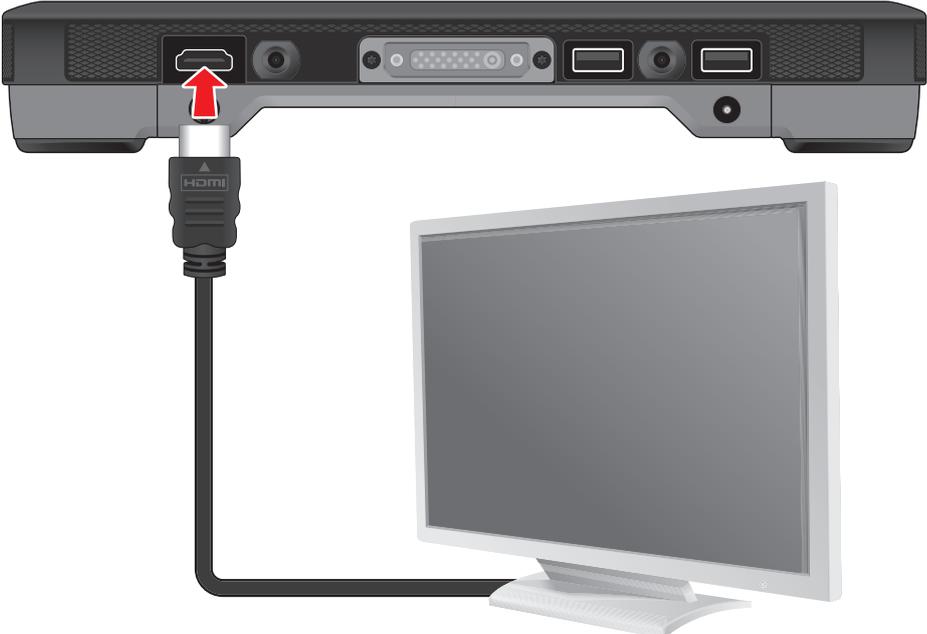
To connect a USB device, simply plug the device cable into one of the USB ports of your Tablet Computer.



# Connecting HDMI Devices

Your Tablet Computer has one HDMI port for connecting HDMI devices, such as an external monitor.

To connect an HDMI device, simply plug the device cable into the HDMI connector of your Tablet Computer.



# Connecting Audio Devices

Your Tablet Computer has one combo audio connector that supports both audio in and audio out devices. You can connect speakers, headphones, or earphone set.

To connect an audio device, simply plug the device cable into the audio connector of your Tablet Computer.



# *Managing Power*

Your Tablet Computer operates either on external AC power or on battery power.

This chapter tells you how you can effectively manage power. To maintain optimal battery performance, it is important that you use the battery in the proper way.

The topics in this chapter include:

- How to charge the battery pack
- How to check the battery level
- What happens when the battery is low and what actions to take
- What is Power Management
- How to save power

# Battery Pack

The operating time of a fully charged battery pack depends on how you use the Tablet Computer. When you use applications that often access peripherals, or when you stay connected to a wireless network, the operating time of the battery may be shortened.

**WARNING:**

- Do not disassemble the battery pack. There are no user-serviceable parts inside. Doing so may present risk of exposure to harmful chemicals, explosion or fire.
- Contact your local waste disposal service provider regarding the disposal or recycling of used battery packs.

## Charging the Battery Pack

To charge the battery packs, perform the following:

1. With the battery packs installed, plug the DC cord of the AC adapter into the power connector of the tablet computer.
2. Plug the female end of the AC power cord into the AC adapter.
3. Then plug the male end of the AC power cord into an electrical outlet.

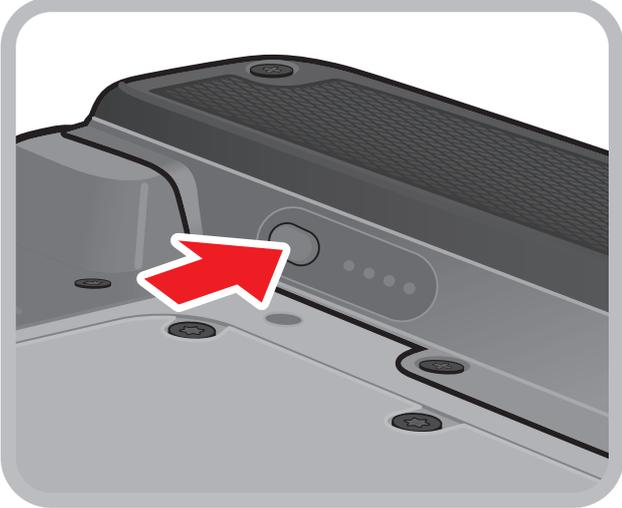


The battery LED indicator (🔋) glows amber to indicate that charging is in progress. When the battery is fully charged, the battery LED indicator glows green.

The Tablet Computer charges one battery pack at a time. After the first battery is full, it charges the second battery pack.

# Checking the Battery Level

To check the battery level, press the battery button on each of the battery packs. The battery LED lights up. The number of lit up LEDs indicate the battery level of the battery pack.



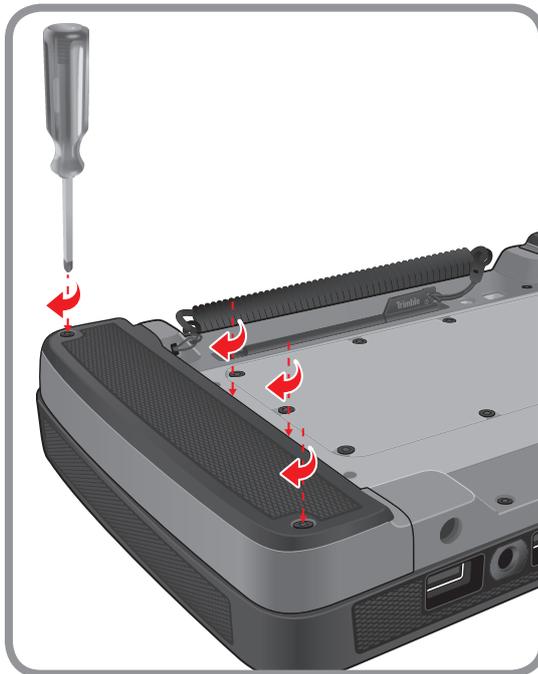
**NOTE:** The battery capacity indicator shows only the battery level of one battery pack. To check the level of the second battery pack, press the battery button on the second battery pack.

## Replacing the Battery Pack

If you rely on battery power for a long period of time, consider purchasing extended life batteries or an additional set of standard batteries from your dealer to use for backup.

To replace the battery pack, perform the following:

1. Shut down the Tablet Computer.
2. Disconnect the Tablet Computer from the AC power.
3. Using a Phillips #1 screwdriver, loosen the four screws securing the battery pack and then lift out the battery.



4. Fit the replacement battery pack in place and secure the four screws. Do not over tighten.
5. Repeat the above steps to replace the other battery pack as needed.

**NOTE:** You can still operate the Tablet Computer on one battery while replacing the other battery pack. Operating one battery for an extended period is not recommended as an empty battery pack slot exposes the Tablet Computer internal parts to environmental hazards, such as dust and water.

# Power Management

The power management feature helps reduce power consumption extending battery life.

Your Tablet Computer supports ACPI (Advanced Configuration and Power Interface) for power management. Power supply to different components is controlled on an as-needed basis. This allows maximum power conservation and performance at the same time.

Windows comes with pre-defined Power Options (**Balanced**, **Power Saver**, and **High Performance**) for you to select. You can access Power Options by tapping **Start > Control Panel > Power Options**. By default, your Tablet Computer is in **Balanced Mode**.

For detailed information on power management, see Windows Help.

# Power Saving Tips

Here are some practical suggestions that you can do to maximize the operating time of the battery:

- Enable Power Management. Choose a power plan that saves power. A power plan is a collection of hardware and system settings that control how your Tablet Computer manages power.
- Decrease the LCD brightness to the lowest comfortable level.
- Shorten the length of time before Windows turns off the display.
- Many USB devices use power just by being connected. If you use a USB flash drive, unplug it when you are not using it.
- Deactivate the Wireless LAN function if you are not using it.
- Deactivate Bluetooth wireless feature if you are not using it.
- Turn off the Tablet Computer when you are not using it.

# ***Using BIOS Setup and System Recovery***

BIOS Setup Utility is a program for configuring the BIOS (Basic Input/ Output System) settings of the tablet computer. The BIOS is a layer of software, called firmware, that translates instructions from other layers of software into instructions that the tablet computer hardware can understand. The BIOS settings are needed by your tablet computer to identify the types of installed devices and establish special features.

System Recovery reinstalls Windows to your system and configures it to factory default settings.

The chapter describes how to use the BIOS Setup and System Recovery.

# BIOS Setup

## When to Use

You need to run BIOS Setup utility when:

- You see an error message on the screen requesting that you run BIOS Setup utility.
- You want to restore the factory default BIOS settings.
- You want to modify some specific hardware settings.
- You want to modify some specific settings to optimize the system performance.

## How to Use

To run BIOS Setup Utility, press the **Fn** key when the Trimble logo appears on the screen during system startup.

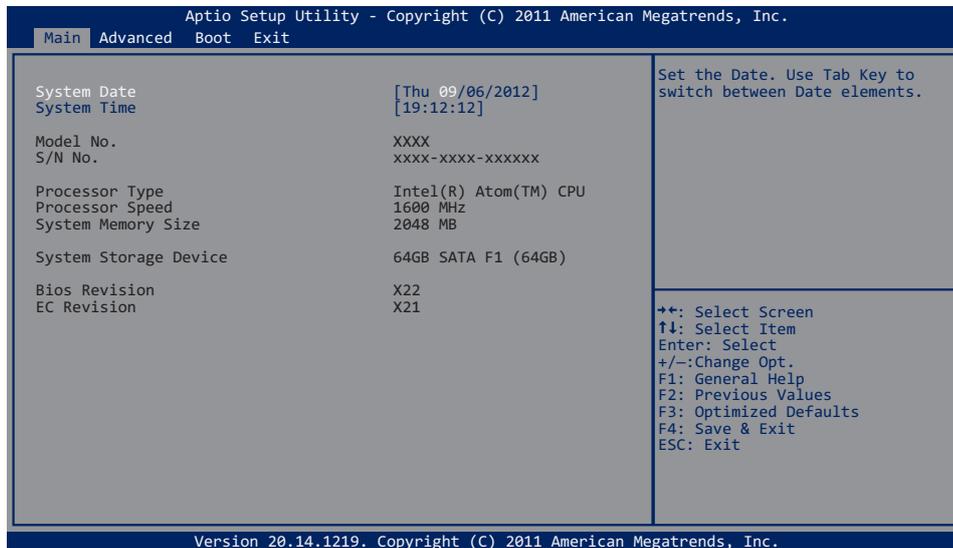
**NOTE:**

- The BIOS Setup Utility screens shown in this chapter are for reference only. The actual items or settings on your Tablet Computer may differ.
- The settings you select in your operating system might override similar settings in BIOS Setup Utility.

Key	Function
◀ / ▶	Selects a menu title.
▲ / ▼	Selects an item or option.
OK	<ul style="list-style-type: none"><li>• Brings up the submenu, if available</li><li>• When an item is selected, opens or closes the options window</li><li>• Goes to the next field when an item has multiple fields, such as System Date.</li></ul>
F1	Displays help
F2 + Up	Increases a value
F2 + Down	Decreases a value
F3	Returns to the previous menu if in a submenu.

## Main Menu

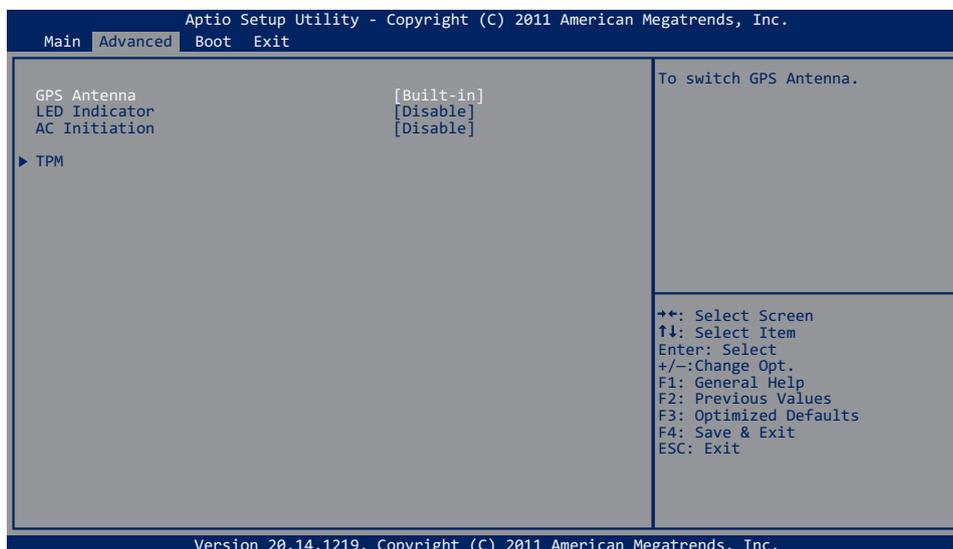
The Main menu contains the system date and time settings and shows the basic system information.



- **System Date:** Sets the system date.
- **System Time:** Sets the system time.

## Advanced Menu

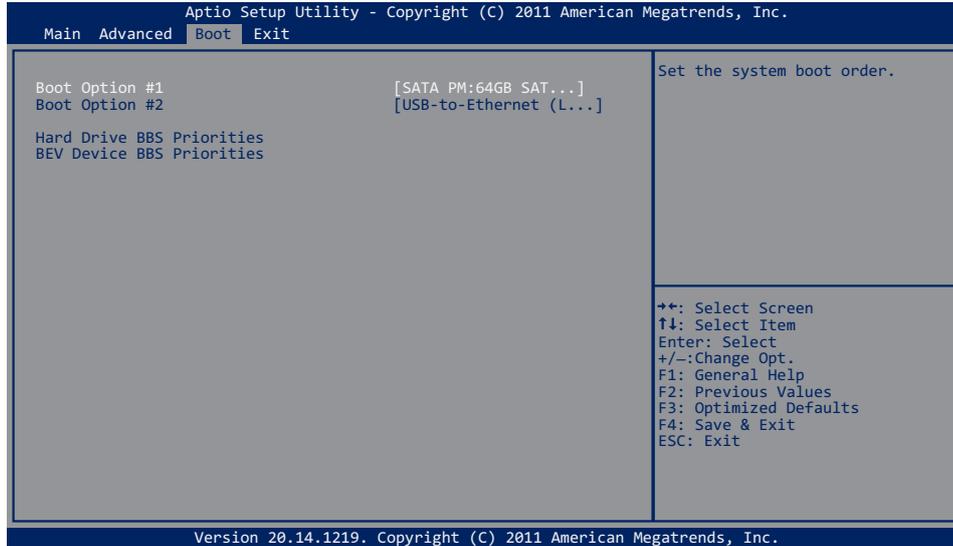
The Advanced menu contains the advanced settings, such as GPS, LED, power initiation, and TPM (Trusted Platform Module) settings.



- **GPS Antenna:** Selects the GPS Antenna.
- **LED Indicator:** Enables or disables the LED indicators.
- **AC Initiation:** Enables or disables the system to wake up while the AC power is plugged in.
- **TPM (Trusted Platform Module):** Enables or disables support for security devices.

## Boot Menu

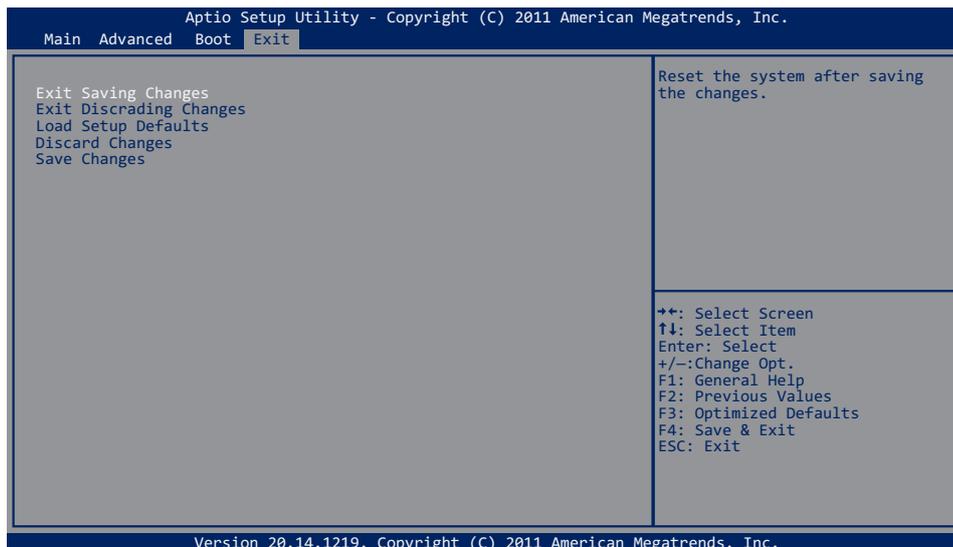
The Boot menu sets the boot order of devices.



- **Boot Option #1:** Sets the first device to boot.
- **Boot Option #2:** Sets the second device to boot.
- **Hard Drive BBS Priorities:** Sets the order of legacy devices in this group.
- **BEV Device BBS Priorities:** Sets the order of legacy devices in this group.

## Exit Menu

The Exit menu displays ways of exiting BIOS Setup Utility. After modifying the settings, you must save and exit for the changes to take effect.



- **Exit Saving Changes:** Saves the changes you have made and exits BIOS Setup Utility.
- **Exit Discarding Changes:** Exits BIOS Setup Utility without saving the

changes you have made.

- **Load Setup Defaults:** Restores the default values of all items.
- **Discard Changes:** Restores the previous values of all items.
- **Save Changes:** Saves the changes you have made.

# ***Maintenance and Troubleshooting***

This chapter covers the following topics:

- How to care for your Tablet Computer
- Troubleshoot your Tablet Computer

# Taking Care of the Tablet Computer

## Location Guidelines

- Keep the tablet computer at least 13 cm (5 inches) away from electrical appliances that can generate a strong magnetic field such as a TV, refrigerator, motor, or a large audio speaker.

## General Guidelines

- Do not place heavy objects on top of the tablet computer as this may damage the display.
- The screen surface is easily scratched. Use the screen protector film to protect it. Do not use paper towels to clean the display but use the included cleaning cloth. Avoid touching it with a pen or pencil.
- To maximize the life of the backlight in the display, allow the backlight to automatically turn off as a result of power management. Avoid using a screen saver or other software that prevents the power management from working.

## Cleaning Guidelines

- Moisten the supplied cleaning cloth with water or a non-alkaline detergent to wipe the exterior of the tablet computer.
- Gently wipe the display with the supplied cleaning cloth. Do not use alcohol or detergent on the display.
- Use a moistened cleaning cloth to remove any detergent residue.

## Touchscreen Guidelines

- Use your finger or the included stylus on the display. Using a sharp or metallic object may cause scratches and damage the display, thereby causing errors.
- Use the supplied cleaning cloth to remove dirt on the display. The touchscreen surface has a special protective coating that prevents dirt from sticking to it. Not using the supplied cleaning cloth may cause damage to the special protective coating on the touchscreen surface. To clean off hard to remove dirt, sprinkle some water on the particular area and gently wipe away using the supplied cleaning cloth.
- Do not use excessive force on the display. Avoid placing objects on top of the display as this may cause the glass to break.
- When there is a noticeable discrepancy in the operation of the touchscreen function (stylus touch does not correlate to the proper location on the

screen), recalibrate the touchscreen display (see “Calibrating the Screen” on page 2-3).

## Troubleshooting

When you encounter problems when using the Tablet Computer, try the following troubleshooting tips first to detect and solve the problem.

Many faults can also be cleared by removing the batteries and AC power connections for a period of several seconds. Then re-install the batteries, connect the AC power and then turn on the Tablet Computer again.

If problems persist, contact customer support.

Problem	Solution
The battery is not charging.	<ul style="list-style-type: none"><li>• Make sure the AC adapter is properly connected.</li><li>• Make sure the battery is not too hot or too cold.</li><li>• Make sure the battery packs are installed correctly.</li><li>• Make sure the battery terminals are clean.</li><li>• The Tablet Computer may have come from an outdoor environment which exceeds the charging ambient temperature. Wait a while for the battery pack to reach the appropriate room temperature, and it will start charging.</li></ul>
Nothing appears on the screen.	<ul style="list-style-type: none"><li>• The Tablet Computer may be in sleep mode. Press the power button to wake up the display.</li><li>• The brightness level may be too low. Increase brightness (see “Adjusting Screen Brightness” on page 2-11).</li></ul>
The screen suddenly turns blank and the power indicator goes off.	<ul style="list-style-type: none"><li>• Make sure the AC adapter is properly connected.</li><li>• If using battery packs, the batteries may be depleted, replace or charge the batteries.</li></ul>
I cannot use the wireless LAN feature.	<ul style="list-style-type: none"><li>• Make sure that wireless LAN feature is turned on.</li></ul>
Wireless LAN signal quality is poor.	<ul style="list-style-type: none"><li>• The Tablet Computer may be out of range. Move your Tablet Computer closer to the access point or another wireless LAN device associated with it.</li><li>• Check if your surroundings have interferences, such as microwave ovens, cordless phones. Move the Tablet Computer away from objects causing interference.</li></ul>

Problem	Solution
I cannot connect to another wireless LAN device.	<ul style="list-style-type: none"> <li>• Make sure that wireless LAN feature is turned on.</li> <li>• Make sure that the SSID setting is the same for every wireless LAN device in the network.</li> <li>• Restart the Tablet Computer.</li> <li>• Make sure the IP address or subnet mask setting is correct.</li> </ul>
I cannot connect to another device with Bluetooth.	<ul style="list-style-type: none"> <li>• Make sure that both devices have Bluetooth turned on.</li> <li>• Make sure that the distance between the two devices is within 10 meters and there are no walls or large obstructions between the devices.</li> <li>• Make sure that both devices are turned on and are configured to be discoverable.</li> <li>• Make sure that both devices are compatible.</li> </ul>
No sound is produced.	<ul style="list-style-type: none"> <li>• Adjust the volume of the Tablet Computer (see “Adjusting Volume” on page 2-11).</li> <li>• If using an external audio device, make sure that the cable is properly connected.</li> </ul>
The Tablet Computer fails to start up.	<ul style="list-style-type: none"> <li>• Perform these steps in the following order:               <ol style="list-style-type: none"> <li>a. Remove the batteries.</li> <li>b. Disconnect the external power source.</li> <li>c. Re-install the batteries.</li> <li>d. Connect the external power source.</li> <li>e. Try to restart again.</li> </ol> </li> </ul>

# Specifications

## Tablet Computer Specifications

Technical Specifications	
Processor	Intel® Atom N2600 1.6GHz TDP 3.5W
BIOS	<ul style="list-style-type: none"> <li>• AMI BIOS</li> </ul>
Chipset	<ul style="list-style-type: none"> <li>• Intel® NM10</li> <li>• TDP 1.5W</li> </ul>
Main Memory	DDR3 SO-DIMM 4GB, single slot
Display	<ul style="list-style-type: none"> <li>• 7" TFT WSVGA 1024 x 600</li> <li>• Projective Capacitive Touch Panel</li> </ul>
Graphics	<ul style="list-style-type: none"> <li>• Intel® Atom GMA3600</li> </ul>
HDMI Output	<ul style="list-style-type: none"> <li>• HDMI 1.3a compliant</li> </ul>
Storage	<ul style="list-style-type: none"> <li>• mSATA 64 / 128 GB SSD</li> </ul>
Connectivity	<ul style="list-style-type: none"> <li>• WLAN: 801.11 a/b/g/n</li> <li>• PAN: Bluetooth 4.0 HS, Class II</li> <li>• WWAN: GSM/WCDMA/CDMA/CDMA2000</li> </ul>
LED Status Indicator	<ul style="list-style-type: none"> <li>• Power</li> <li>• Battery</li> <li>• WLAN</li> <li>• WWAN</li> </ul>
Interface	<ul style="list-style-type: none"> <li>• Audio Jack x 1</li> <li>• HDMI Type A x 1</li> <li>• SIM Card x 1</li> <li>• USB 2.0 Type A x 2</li> <li>• Docking Connector x 1</li> </ul>

<b>Technical Specifications</b>	
Audio	<ul style="list-style-type: none"> <li>• HD Audio</li> <li>• Digital Microphone x 1</li> <li>• Built-in Speaker x 1</li> </ul>
Input Device	Capacitive Touch Panel
Power Management	ACPI 3.0 Supported
Battery Life	<ul style="list-style-type: none"> <li>• Li-Ion 2 cells, 7.5 V / 3000 mAh x 2</li> <li>• 8+ hours battery life</li> <li>• Built-in Gauge IC</li> </ul>
AC Adapter	Output: 12V DC, 5A, 60W Input: 100 ~ 240V AC, 50 ~ 60Hz Universal
Heat Dissipation	Fanless design
Dimensions (WxHxD)	245 x 156 x 27.5 mm
Weight	< 1.2 Kg (including standard battery x 2)
Regulation	<ul style="list-style-type: none"> <li>• EMI: FCC, CE, C-tick</li> <li>• Safety: TUV NRTL, CE, C-tick</li> </ul>
Windows Certification	<ul style="list-style-type: none"> <li>• Windows 7 Professional 32bit</li> </ul>

# *Regulatory Information*

This appendix provides regulatory statements and safety notices about your Tablet Computer.

**NOTE:** Marking labels located on the exterior of your Tablet Computer indicate the regulations that your model complies with. Check the marking labels and refer to the corresponding statements in this appendix. Some notices apply to specific models only.

# Important Information

**WARNING:** To reduce the risk of fire or electric shock, do not expose this appliance to rain or moisture. **MAKE SURE** the power cord is **UNPLUGGED FROM THE WALL OUTLET** IF IT WILL NOT BE USED FOR AN EXTENDED PERIOD OF TIME. To completely disengage power from the unit, **BE SURE TO UNPLUG THE POWER CORD FROM THE AC OUTLET.** Do not remove the back cover or any internal parts. Contact qualified personnel if repairs are necessary.



SA1965

## **ELECTRICAL SAFETY WARNING**

Used for instructions intended to alert the user to the risk of a fatal electric shock or serious injury in case of incorrect use of the unit.



SA1966

## **WARNING**

Used for instructions intended to alert the user to the risk of death or serious injury in case of incorrect use of the unit.

**ATTENTION:** Pour réduire le risque d'incendie ou de choc électrique ne pas exposer l'appareil à la pluie ou à l'humidité FAIRE le cordon électrique est DÉBRANCHÉ DE LA PRISE MURALE DANS UN DELAI DE PROLONGER INACTIVITÉ. De se désengager totalement LE POUVOIR DE L'UNITE, S'IL VOUS PLAÎT DEBRANCHER LE CORDON D'ALIMENTATION DE LA PRISE AC. NE PAS Remove le capot arrière, pas de PIÈCES À L'INTÉRIEUR. Contactez un personnel qualifié S'il faut le réparer.



SA1965

## **ELECTRIQUE AVERTISSEMENT**

Sert aux instructions destin es alerter l'utilisateur d'un CHOC ÉLECTRIQUE mortel ou de blessure grave en cas d'utilisation incorrecte de l'unit.



SA1966

## **AVERTISSEMENT**

Sert aux instructions destin es alerter l'utilisateur d'un risque mortel ou de blessure grave en cas d'utilisation incorrecte de l'unit .

## Safety Information (EN)

Follow and adhere to all warnings and instructions on the screen. For your safety, please read all safety and operating instructions before using the Trimble Site Tablet. Keep this manual for future reference.

1. Carefully read all recommendations and precautions for use before using this product.
2. All recommendations and precautions for use should be retained so that they can be referred to necessary.
3. Read and be sure to understand all warnings listed in the precautions.
4. Follow all operating precautions when using this product.
5. Use only a soft cloth to clean this product.
6. Do not block any ventilation openings. Do not place the product against a wall or in an enclosed space as doing so might impede the flow of cooling air.
7. Do not place the product near any heat sources such as radiators, warm air intakes, stoves or other heat-generating devices (including amplifiers or other heat producing equipment).
8. Do not disregard the safety that a polarized or grounded connection can provide. A polarized connection consists of two plugs, one of which is larger than the other. A grounded connection has two blades and a third one that is grounded. If the main plug provided cannot be inserted into your outlet, consult an electrician to replace your obsolete outlet.
9. Protect the power cord from being crushed or pinched, particularly in the area of the plugs, any receptacles used, and the point of exit from the apparatus. Do not break off the ground pin of the power cord.
10. Use only accessories specified by the manufacturer.
11. Unplug this apparatus during lightning storms or when it is not being used for long periods.

## Safety Information (FR)

Suivez et respectez tous les avertissements et instructions figurant sur l'écran. Pour votre sécurité, s'il vous plaît lire toutes les consignes de sécurité et de fonctionnement avant d'utiliser le moniteur. Gardez ce manuel pour référence future.

1. Lire avec attention toutes les recommandations et précautions d'emploi avant d'utiliser ce produit.
2. Toutes les recommandations et précautions d'emploi doivent être conservées afin de pouvoir s'y reporter si nécessaire.
3. Lire et comprendre tous les avertissements énumérés dans les précautions d'emploi.
4. Suivre toutes les précautions d'emploi pour utiliser ce produit.
5. Utiliser exclusivement un chiffon doux pour nettoyer ce produit.
6. Ne bloquer aucune ouverture de ventilation. Ne pas placer le produit tout contre un mur ou dans une enceinte fermée, cela gênerait le flux d'air nécessaire au refroidissement.
7. Ne pas placer le produit près de toute source de chaleur telle que radiateurs, arrivées d'air chaud, fourneaux ou autres appareils générant de la chaleur (incluant les amplificateurs producteurs de chaleur) .
8. Ne pas négliger la sécurité que procure un branchement polarisé ou avec raccordement à la terre, Un branchement polarisé comprend deux fiches dont l'une est plus large que l'autre. Un branchement à la terre comprend deux fiches plus une troisième reliée à la terre. Si la fiche secteur fournie ne s'insère pas dans votre prise de courant. consulter un 'électricien afin de remplacer votre prise obsolète.
9. Protéger le cordon d'alimentation de tout écrasement ou pincement, particulièrement au niveau des fiches, des réceptacles utilisés et à l'endroit de sortie de l'appareil. Ne pas casser la fiche de terre du cordon d'alimentation.
10. Utiliser uniquement les accessoires spécifiés par le constructeur.
11. Débrancher cet appareil lors d'orages ou s'il n'est pas utilisé pendant une longue période.

## About the Batteries

### Nordic Lithium Cautions (for lithium-ion batteries)

#### **CAUTION!**

Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type recommended by the manufacturer. Dispose of used batteries according to the manufacturer's instructions. (English)

#### **ATTENTION!**

Il y a danger d'explosion s'il y a remplacement incorrect de la batterie. Remplacer uniquement avec une batterie du même type ou d'un type équivalent recommandé par le constructeur. Mettre au rebut les batteries usagées conformément aux instructions du fabricant. (French)

## About the Adapter

- Use only the supplied AC adapter (Rating: Input DC 12V, 5.0A). Use of another type of AC adapter will result in malfunction and/or danger.
- Do not use the adapter in a high moisture environment. Never touch the adapter when your hands or feet are wet.
- Allow adequate ventilation around the adapter when using it to operate the device or charge the battery. Do not cover the AC adapter with paper or other objects that will reduce cooling. Do not use the AC adapter while it is inside a carrying case.
- Connect the adapter to a proper power source. The voltage requirements are found on the product case and/or packaging.
- Do not use the adapter if the cord becomes damaged.
- Do not attempt to service the unit. There are no serviceable parts inside. Replace the unit if it is damaged or exposed to excess moisture.

# FCC Regulations

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.

This device 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.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Operation on the 5.15-5.25GHz frequency band is restricted to indoor use only. The FCC requires indoor use for the 5.15-5.25GHz band to reduce the potential for harmful interference to co-channel Mobile Satellite Systems. Therefore, it will only transmit on the 5.25-5.35 GHz, 5.47-5.725 GHz and 5.725 –5.850 GHz band when associated with an access point (AP).

# RF Exposure Information (SAR)

This device is compliance with SAR for general population /uncontrolled exposure limits in ANSI/IEEE C95.1-1999 and had been tested in accordance with the measurement methods and procedures specified in OET Bulletin 65 Supplement C.

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This device was tested for operations with the device contacted directly to the human body to the back side of the EUT. To maintain compliance with FCC RF exposure compliance requirements, avoid direct contact to the transmitted antenna during transmitting.

## IC Regulations

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions:

- (1) this device may not cause interference, and
- (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

- (1) l'appareil ne doit pas produire de brouillage, et
- (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement."

### **This Class B digital apparatus complies with Canadian ICES-003**

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

The device could automatically discontinue transmission in case of absence of information to transmit, or operational failure. Note that this is not intended to prohibit transmission of control or signaling information or the use of repetitive codes where required by the technology.

The device for the band 5150-5250 MHz is only for indoor usage to reduce potential for harmful interference to co-channel mobile satellite systems; the maximum antenna gain permitted (for devices in the bands 5250-5350 MHz and 5470-5725 MHz) to comply with the e.i.r.p. limit; and The maximum antenna gain permitted (for devices in the band 5725-5850 MHz) to comply with the e.i.r.p. limits specified for point-to-point and non point-to-point operation as appropriate, as stated in section A9.2(3). In addition, High-power radars are allocated as primary users (meaning they have priority) of the band 5250-5350 MHz and this radar could cause interference and/or damage to LE-LAN devices.

The County Code Selection feature is disabled for products marketed in the US/ Canada. For product available in the USA/ Canada markets, only channel 1~11 can be operated. Selection of other channels is not possible.

## **Important Note**

### **IC Radiation Exposure Statement**

This EUT is compliance with SAR for general population/uncontrolled exposure limits in IC RSS-102 and had been tested in accordance with the measurement methods and procedures specified in IEEE 1528.



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