



User's Manual

TOSHIBA AT10-B

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Chapter 1

Legal & Regulatory

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Until the date that is three years after you acquired the Software, you may obtain a copy of the source code corresponding to the binaries for GPL-licensed file by sending a request to TOSHIBA customer service at [http://support.toshiba-tie.co.jp/android/index_e.htm], and TOSHIBA will send you a link to such source code.

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FCC information

FCC notice "Declaration of Conformity Information"

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.



Only peripherals complying with the FCC class B limits may be attached to this equipment. Operation with non-compliant peripherals or peripherals not recommended by TOSHIBA is likely to result in interference to radio and TV reception. Shielded cables must be used between the external devices and the device's Universal Serial Bus (USB 2.0) ports and microphone/headphone combo jack. Changes or modifications made to this equipment, not expressly approved by TOSHIBA or parties authorized by TOSHIBA could void the user's authority to operate the equipment.

FCC conditions

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.
2. This device must accept any interference received, including interference that may cause undesired operation.

Contact

Address:	TOSHIBA America Information Systems, Inc. 9740 Irvine Boulevard Irvine, California 92618-1697
-----------------	---

Caution: Exposure to Radio Frequency Radiation.

The radiated output power of the Wireless LAN is far below the FCC radio frequency exposure limits. Nevertheless, the Wireless LAN shall be used in such a manner that the potential for human contact during normal operation is minimized.

In the usual operating configuration, the distance between the antenna and the user should not be less than 20 cm. Refer to the "Grand Tour" section in this manual for the details regarding antenna location.

The installer of this radio equipment must ensure that the antenna is located or pointed such that it does not emit RF field in excess of Health Canada limits for the general population; consult Safety Code 6, obtainable from Health Canada's website.

CE compliance



This product is carrying the CE-Mark in compliance with the related European Directives. Responsible for CE-Marking is TOSHIBA EUROPE GMBH, Hammfelddamm 8, 41460 Neuss, Germany. The complete and official EU Declaration of Conformity can be found on TOSHIBA's web site <http://epps.toshiba-teg.com> on the Internet.

Working environment

The Electromagnetic Compliance (EMC) of this product has been verified typically for this product category for a so called Residential, Commercial & Light Industry Environment. Any other working environment has not been verified by Toshiba and the use of this product in these working environments is maybe restricted or cannot be recommended. Possible consequences of the use of this product in non verified working environments can be: Disturbances of other products or of this product in the nearby surrounding area with temporarily malfunction or data loss/ corruption as result. Example of non verified working environments and related advices:

Industrial environment (e.g. where 3-phase 380V mains is being used mainly): Danger of disturbances of this product due to possible strong electromagnetic fields especially near to big machinery or power units.

Medical environment: The compliance to the Medical Product Directive has not been verified by Toshiba, therefore this product cannot be used as a medical product without further verification. The use in usual office environments e.g. in hospitals should be no problem if there is no restriction by the responsible administration.

Automotive environment: Please search the owner instructions of the related vehicle for advices regarding the use of this product (category).

Aviation environment: Please follow the instructions of the flight personnel regarding restrictions of use.

Additional environments not related to EMC

Outdoor use: As a typical home/office equipment this product has no special resistance against ingress of moisture and is not strong shock proofed.

Explosive atmosphere: The use of this product in such special working environment (Ex) is not allowed.

REACH - Compliance Statement

The new European Union (EU) chemical regulation, REACH (Registration, Evaluation, Authorization and Restriction of Chemicals), entered into force on 1 June 2007. Toshiba will meet all REACH requirements and is committed to provide our customers with information about the chemical substances in our products according to REACH regulation.

Please consult the following website www.toshiba-europe.com/computers/info/reach for information about the presence in our articles of substances included on the candidate list according to article 59(1) of Regulation (EC) No 1907/2006 („REACH“) in a concentration above 0.1% weight by weight.

Following information is only valid for EU-member States:

Disposal of products



The crossed out wheeled dust bin symbol indicates that products must be collected and disposed of separately from household waste. Integrated batteries and accumulators can be disposed of with the product. They will be separated at the recycling centres.

The black bar indicates that the product was placed on the market after August 13, 2005.

By participating in separate collection of products and batteries, you will help to assure the proper disposal of products and batteries and thus help to prevent potential negative consequences for the environment and human health.

For more detailed information about the collection and recycling programmes available in your country, please visit our website (<http://eu.computers.toshiba-europe.com>) or contact your local city office or the shop where you purchased the product.

Disposal of batteries and/or accumulators



Pb, Hg, Cd

The crossed out wheeled dust bin symbol indicates that batteries and/or accumulators must be collected and disposed of separately from household waste.

If the battery or accumulator contains more than the specified values of lead (Pb), mercury (Hg), and/or cadmium (Cd) defined in the Battery Directive (2006/66/EC), then the chemical symbols for lead (Pb), mercury (Hg) and/or cadmium (Cd) will appear below the crossed out wheeled dust bin symbol.

By participating in separate collection of batteries, you will help to assure the proper disposal of products and batteries and thus help to prevent potential negative consequences for the environment and human health.

For more detailed information about the collection and recycling programmes available in your country, please visit our website (<http://eu.computers.toshiba-europe.com>) or contact your local city office or the shop where you purchased the product.



These symbols may not stick depending on the country and region where you purchased.

Following information is only for India



The use of this symbol indicates that this product may not be treated as household waste.

By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product.

For more detailed information about recycling of this product, please visit our website (<http://www.toshiba-india.com>) or contact call center (1800-200-8674).

Canadian regulatory information (Canada only)

This digital apparatus does not exceed the Class B limits for radio noise emissions from digital apparatus as set out in the Radio Interference Regulation of the Canadian Department of Communications.

Note that Canadian Department of Communications (DOC) regulations provide, that changes or modifications not expressly approved by TOSHIBA Corporation could void your authority to operate this equipment.

This Class B digital apparatus meets all requirements of the Canadian Interference-Causing Equipment Regulations.

Cet appareil numérique de la class B respecte toutes les exigences du Règlement sur le matériel brouilleur du Canada.

Canada - Industry Canada (IC)

This device complies with RSS 210 of Industry Canada.

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 this device.

The term "IC" before the equipment certification number only signifies that the Industry Canada technical specifications were met.

Following information is only for Turkey:

- Compliant with EEE Regulations: Toshiba meets all requirements of Turkish regulation 26891 "Restriction of the use of certain hazardous substances in electrical and electronic equipment".
- The number of possible pixel failures of your display is defined according to ISO 9241-307 standards. If the number of pixel failures is less than this standard, they will not be counted as defect or failure.
- Battery is a consumption product, since the battery time depends on the usage of your tablet. If the battery can not be charged at all, then it is a defect or failure. The changes in battery time is not a defect or failure.

Chapter 2

Introduction

Welcome and thank you for choosing a TOSHIBA product.

About the guide

For your convenience, your TOSHIBA product is furnished with two guides:

- a Quick Start Guide, and
- this comprehensive PDF User's Manual

We recommend making a backup of this User's Manual in case of future reference.

Please backup your personal data saved in the internal storage before updating the platform.

Instruction Manual for Safety and Comfort

All important information on the safe and proper use of this tablet is described in the enclosed Instruction Manual for Safety and Comfort. Be sure to read it before using the tablet.

Safety icons

Safety icons are used in this manual to bring important information to your attention. Each type of icon and its implication are identified as shown below.



Indicates a potentially hazardous situation, which could result in death or serious injury, if you do not follow instructions.



Pay attention! A caution informs you that improper use of equipment or failure to follow instructions may cause data loss or damage your equipment.



Please read. A note is a hint or advice that helps you make best use of your equipment.

Chapter 3

Getting Started

This chapter provides a general overview of your tablet and some basics before using your tablet.



If you use an operating system that was not pre-installed by TOSHIBA, some of the features described in this manual might not function properly.

Check the components

Check to make sure that you have all of the following items:

Hardware

- TOSHIBA Tablet
- AC adaptor (equipped with some models)
- Micro-USB cable

Documentation

- Quick Start Guide
- Instruction Manual for Safety and Comfort

If any of the items is missing or damaged, contact your dealer immediately.

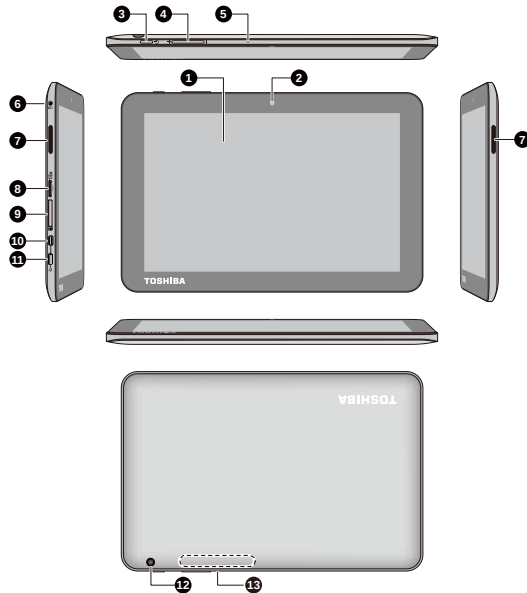
Grand tour



Handle your product carefully to avoid scratching or damaging the surface.

The following figure shows each important part of your tablet.

Figure 3-1 Grand tour of the tablet



- | | |
|--|------------------------------------|
| 1. Display screen | 2. Web Camera (front) |
| 3. Power button | 4. Volume down/up button |
| 5. Microphone | 6. Headphone/Microphone combo jack |
| 7. Speakers | 8. Memory media slot |
| 9. SIM card slot * | 10. Micro-HDMI port |
| 11. Micro-USB port | 12. Web Camera (back) |
| 13. Wireless communication antennas
(not shown) | |

* Provided with some models.

Product appearance depends on the model you purchased.

Display screen	Display screen brightness can be adjusted manually.
Camera	Your tablet is equipped with a front Web Camera and a back camera used for recording video or taking photographs.



Both cameras might have different resolutions.



Power button	Press & hold this button to turn on/off the tablet.
---------------------	---

Volume down/up button	Press either of the buttons to decrease or increase the volume.
------------------------------	---

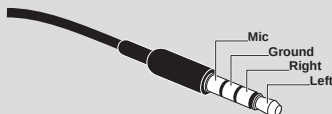
Microphone	Built-in microphone allows you to record sounds.
-------------------	--



Headphone/ Microphone combo jack	A 3.5 mm mini headphone/microphone combo jack enables connection of a monaural microphone or stereo headphone.
---	--



The external microphone will be disabled if you use a 4-pin headset other than the type as shown below.



Speakers	The speakers emit sound generated by your software as well as audio alarms, such as low battery condition, generated by the system.
-----------------	---



Memory media slot	This slot lets you insert a micro SD™ Card which enables you to transfer data from devices, such as digital camera, onto your tablet. Refer to the Memory media slot section in "Optional Accessories" chapter for details.
--------------------------	---



Keep foreign metal objects, such as screws, staples and paper clips, out of the memory media slot. Foreign metal objects can create a short circuit, which can cause damage and fire, possibly resulting in serious injury.

SIM card slot	This slot lets you insert a single SIM card which enables a high-speed access to the Internet, corporate Intranet and your email while you are away from office.
----------------------	--

Micro-HDMI port	Micro-HDMI port can connect to HDMI cable with Type D connector. An HDMI cable sends video and audio signals. Refer to the HDMI device section in "Optional Accessories" chapter for details.
------------------------	--



Micro-USB port

The tablet acts both as a host and a client via this port. It allows you to connect the tablet to a computer for transferring data. When acting as a host, the tablet can fast and directly communicate with other client devices without the assistance of a computer.

Please refer to the [USB device](#) section in "Optional Accessories" chapter for details.

Wireless communication antennas

The tablet is equipped with Wireless LAN, Bluetooth, and 3G antennas.

Hardware

This section identifies various components and the hardware of the tablet - it is recommended that you become familiar with each before you operate the tablet.

The actual specifications might vary depending on the model you purchased.



Content that is copyright protected or has limited access rights, cannot be played on this tablet.

Processor

CPU

Your tablet is equipped with Intel Atom Z3735F Mobile Processor.

Memory

Memory on board

This tablet is equipped with a 2GB memory on board. The actual amount of usable system memory will be less than the installed memory modules. This tablet does not support memory expansion.

Flash Memory

This tablet is equipped with a flash memory.

Power

Battery

The tablet is powered by one lithium-ion battery.

AC adaptor

The AC adaptor provides power to the system and charges the battery when it is low.

As the AC adaptor is universal, it can receive a range of AC voltages from 100 volts to 240 volts, however you should note that the output current varies among different models. Using the wrong adaptor might damage your tablet.

Some models are equipped with AC adaptor.

Display

The tablet's internal display panel supports high-resolution video graphics and can be set to a wide range of viewing angles for maximum comfort and readability.

Display panel

25.6. cm (10.1") LCD screen configured with the following resolution:

■ 1920 horizontal x 1200 vertical pixels

Graphics controller

The graphics controller maximizes display performance.

Multimedia

Web Camera

Web Camera is a device that allows you to record video or take photographs with your tablet. You can use it for video chatting or video conferences by using a communication tool.

Communications

Bluetooth

Bluetooth wireless communication function eliminates the need for cables between electronic devices such as computers, printers, and mobile phones. When it is enabled, Bluetooth will provide the wireless personal area network environment which is safe and trustworthy, that is quick and easy.

Wireless LAN

The tablet is equipped with a Wireless LAN/ Bluetooth combo module that is compatible with other Wireless LAN systems based on Direct Sequence Spread Spectrum/Orthogonal Frequency Division Multiplexing radio technology that complies with the IEEE 802.11 Standard.

3G

Some models are equipped with a 3G module.

Using the tablet for the first time

This section provides basic information about how to start using your tablet. It covers below steps followed by the details.

- Connecting the AC adaptor
- Turning on the power
- Initial Setup
- Turning off the power



- *Use a virus-check program and make sure that it is updated regularly.*
- *Never format storage media without checking its content - formatting destroys all stored data.*
- *It is a good idea to periodically backup internal storage of the tablet to an external media. General storage media is not durable or stable over long periods of time and under certain conditions might result in data loss.*

Connecting the AC adaptor

Some models are equipped with AC adaptor.

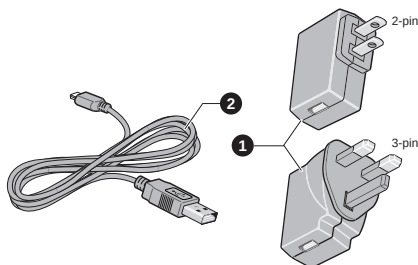
When battery power becomes low, you must charge it.



Use only the tablet connected to an AC power source to charge the battery. Never attempt to charge the battery with any other charger.

The AC adaptor can automatically adjust to any voltage ranging from 100 volt to 240 volt and to a frequency of either 50 hertz or 60 hertz, enabling you to use this product in almost any country/region. The adaptor converts AC power to DC power and reduces the voltage supplied to this tablet.

Figure 3-2 AC adaptor & Micro-USB cable



1. AC adaptor

2. Micro-USB cable



- *Depending on the model, either a 2-pin or 3-pin AC adaptor might be bundled with the tablet.*

- *The supplied Micro-USB cable conforms to safety rules and is designed to provide adequate and steady power supply to the tablet. Make sure to use the supplied Micro-USB cable when you charge the tablet or purchase an optional USB cable from TOSHIBA website.*

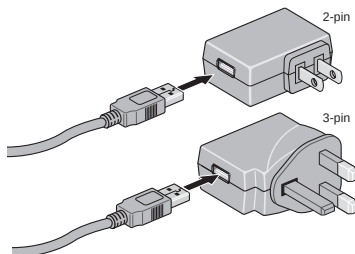
Attach the AC adaptor when you want to charge the battery or operate from AC power. It is also the fastest way to get started, because the battery must be charged before you can operate from battery power.



- *Always use the TOSHIBA AC adaptor that was included with your tablet, or use AC adaptors specified by TOSHIBA to avoid any risk damage to the tablet. Use of an incompatible AC adaptor could cause fire or damage to the tablet possibly resulting in serious injury. TOSHIBA assumes no liability for any damage caused by use of an incompatible adaptor.*
- *Never plug the AC adaptor into a power source that does not correspond to both the voltage and the frequency specified on the regulatory label of the unit. Failure to do so could result in a fire or electric shock, possibly resulting in serious injury.*
- *When you connect the AC adaptor to the tablet, always follow the steps in the exact order as described below. Connecting the plug to a live electrical outlet should be the last step otherwise the USB connector could hold an electrical charge and cause an electrical shock or minor bodily injury when touched. As a general safety precaution, avoid touching any metal parts.*
- *Never place your tablet or AC adaptor on a wooden surface, furniture, or any other surface that could be marred by exposure to heat since the tablet base and the surface of the AC adaptor increase in temperature during normal use.*
- *Always place your tablet or AC adaptor on a flat and hard surface that is resistant to heat damage.*

1. Plug the USB connector of the Micro-USB cable into the AC adaptor.

Figure 3-3 Connecting the AC adaptor 1

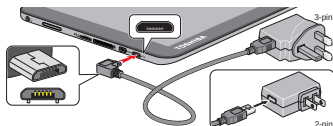


2. Plug the other smaller connector of the Micro-USB cable into the Micro-USB port on your tablet.



The Micro-USB connector of the Micro-USB cable must be correctly plugged into the Micro-USB port on the tablet. Failure to do so correctly might result in possible damage to the Micro-USB port.

Figure 3-4 Connecting the AC adaptor 2



3. Plug the AC adaptor into a live wall outlet.

Wall outlet

The fastest way to charge your tablet is with the included AC adaptor plugged into a wall outlet.

USB charge

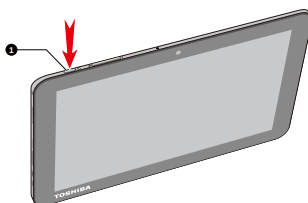
In “suspend or shutdown mode,” you can also charge your tablet, although more slowly, by connecting the Micro-USB cable to the USB port on your PC. Make sure your PC is turned ON while charging via USB. If your PC is turned OFF, depending on PC specifications, the tablet battery may discharge. We recommend that you do not use your tablet while charging via USB as auto shutdown may occur if the battery charge is too low.

Turning on the power

This section describes how to power up your tablet.

Press & hold **Power** button for two seconds to turn on the tablet.

Figure 3-5 Turning on the tablet



1. Power button

Initial Setup

The Setup Screen will be the first screen displayed when you turn on the power. Setup your tablet according to the following steps:

1. Choose your preferred system language and tap **Start** to begin with the initial setup process.
2. Connect to a Wi-Fi network.
You can tap **Skip** and turn Wi-Fi on later in **Settings** app.
3. Sign in with a Google™ account.
If you don't have one, tap **No**.
4. Register for a Google account by tapping **Get an account**.
You can also skip this step by tapping **Not now**.
5. Choose whether to use **Google Location Service™** and tap  to continue.
6. If the tablet is not connected to a Wi-Fi network, set the date and time and tap  to continue.
7. Enter your name to personalize some apps. Tap  to continue.
8. Tap **Learn more** to read the privacy policy and other terms. Tap  to agree.
9. Tap **Finish** to exit Setup Screen.
10. Read the Toshiba legal information. Tap **Agree**. Your tablet is now set up and ready to use.

Turning off the power

If you are not going to use your tablet for a long time, shut it down. You can also turn the LCD off in order to extend battery life.

Shut down the tablet

When you shut down the tablet, no data will be saved. The tablet will boot to the operating system's main screen the next time it is turned on.

1. If you have entered data, either save it to flash memory or to other storage media.



- *Never turn off the power while an application is running. Failure to do so can cause data loss.*
- *Never turn off / disconnect the power , or remove external storage media during data read/write. Failure to do so can cause data loss.*

2. Turn off or remove any peripheral devices connected to the tablet.
3. Press & hold **Power** button for two seconds and select **Power off** and then **OK** to turn off the tablet.



- *In any emergency case, you can also press & hold **Power** button for about 6 seconds to force power off.*
- *Do not turn the tablet back on immediately. Wait a short period to avoid any potential damage.*

Turning the LCD off/on

You can turn the LCD off (while the system is still running) in one of the following ways:

- To turn it off manually: Press **Power** button.
- To turn it off automatically: Set the sleep timeout in **Settings** app.

To turn the LCD on:

- Press **Power** button once again.

Unlocking your screen

After turning on the LCD, the screen remains locked. You can unlock the screen in the following way:

- Press & hold the lock icon () and slide it across the unlock icon ().



If you have set up a screen lock other than Slide, the method of unlocking the screen will be different. See [Security](#) section for other ways to protect your tablet and privacy.

Care and use of the battery

This section provides the important safety precautions in order to handle your battery properly.

Refer to the enclosed **Instruction Manual for Safety and Comfort** for detailed precautions and handling instructions.



- *The lithium ion battery can explode if not handled or disposed of properly. Dispose of the battery as required by local ordinances or regulations.*
- *Charge the battery only in an ambient temperature from 5 through 35 degrees Celsius. Otherwise, the electrolyte solution might leak, battery performance might deteriorate and the battery life might be shortened.*
- *Never try to remove or replace the battery by yourself which might possibly result in serious injury. Contact an authorized Toshiba service provider, if necessary.*

Charging the battery

When the battery power becomes low, you must charge it to avoid losing any data.

Procedure

You can charge the battery when the tablet is either on or off by connecting the AC adaptor.

■ Off

An icon shaped like an actual battery appears in the center of the screen allowing you to keep track of the battery level. When the battery is fully charged, the meter reaches its full capacity.

■ On

Likewise, a battery meter on the right side of the System Bar indicates the battery level.

Battery charging time

The following table shows the approximate time required to fully charge a discharged battery when the AC adaptor is connected to the tablet.

Battery type	Charging time
Battery (1 cell, 19.5 Wh)	about 5 hours



Please be aware that the charging time when the tablet is on is affected by ambient temperature, the temperature of the tablet and how you are using the tablet - for example if you make heavy use of external devices then the battery might get scarcely charged up.

Battery exhausted time

The following table shows the approximate exhausted time of a fully charged battery.

Battery type	Time
Battery (1 cell, 19.5 Wh)	about 6.5 hours (in use)
	about 150 hours (sleep mode)



Please be aware that the battery exhausted time will be affected by how you are using the tablet.

Battery charging notice

The battery may not begin charging immediately under the following conditions:

- The battery is extremely hot or cold (if the battery is extremely hot, it might not charge at all). To ensure the battery charges to its full capacity, you should charge it at room temperature of from 5°C through 35°C (41°F - 95°F).

-
- The battery is nearly completely discharged. In this instance, the tablet cannot be turned on immediately. You should leave the AC adaptor connected for a few minutes and the battery should begin charging. A battery meter icon () will appear indicating the charging status.

The indicator may show a rapid decrease in battery operating time when you try to charge a battery under the following conditions:

- The battery has not been used for a long time.
- The battery has completely discharged and been left unattended for a long time.

In such cases you should follow the steps as detailed below:

1. Fully discharge the battery when powered on until the system automatically turns the tablet off.
2. Connect the AC adaptor to the Micro-USB port on the tablet, and to a wall outlet that is supplying power.
3. Charge the battery until the battery meter reaches its full capacity.

Repeat these steps two or three times until the battery recovers normal capacity.

Chapter 4

Basics

This chapter describes the basic operations of your tablet and the Home screen.

Using the touch screen

You can use your finger to manipulate icons, buttons, menu items, the onscreen keyboard, and other items on the touch screen.

- **Tap**

Simply tap your finger on the touch screen to act on items on the screen, such as application and settings icons, to type letters and symbols using the onscreen keyboard, or to tap onscreen buttons.

- **Press & hold**

Press & hold an item on the screen until an action occurs.

- **Drag**

Press & hold an item for a moment and then, without lifting your finger, move your finger on the screen until you reach the target position. You can drag items on the Home screen to reposition them.

- **Swipe or slide**

To swipe or slide, you quickly move your finger across the surface of the screen, without pausing when you first touch it (so you don't drag an item instead). For example, you slide the screen up or down to scroll a list.

- **Double tap**

Tap quickly twice on a webpage, map or other screen to zoom.

- **Pinch**

In some apps (such as Browser and Gallery), you can zoom in/out by placing two fingers on the screen at once and pinching them together or spreading them apart.

Getting to know the Home screen

The Home screen is your starting point for using all the installed apps on your tablet. You can customize the Home screen to display the widgets, app shortcuts, wallpapers, and other shortcuts you prefer.

Figure 4-1 Home screen



- 1. System bar
- 3. All Apps
- 5. Back
- 7. Recent apps

- 2. App shortcuts
- 4. Favorite tray
- 6. Home

Item	Description
System bar	The System bar is located at the top of the screen. The notifications icons and notification panel are on the left, and the status icons and Quick settings panel are on the right.
App shortcuts	Tap to open an app.
 All Apps	Tap to see all your apps and widgets.
Favorite tray	The Favorite tray is located at both left and right side of All Apps . You can move your favorite apps to Favorite tray.
 Back	Return to the previous screen.
 Home	Return to the default Home screen.
 Recent apps	Tap to see the thumbnails of your recently used apps.



- Some application can hide **Back**, **Home**, **Recent apps** icons, and **System bar**.

To bring them back, tap their locations or swipe an edge from the top or bottom of the screen.

-
- Swipe left or right to see more Home screen panels.
 - You can place app shortcuts and widgets on Home screen. See [Customizing the Home screen](#) section for the details.

Opening and switching applications

Opening an application

You may open an application by:

- Tapping its icon on the Home screen.
- Tapping its icon from the **All Apps** main screen.

Switch to a recently used application

You may switch to recently used application by:

- Tap **Recent apps** () and select an application that you want to switch to.

To remove an application, swipe the thumbnail upwards or downwards.

Monitoring your tablet's status

Status icons

Battery level, Wi-Fi status, and other tablet's status are shown in icons on the right side of System bar. Some status icons will not be shown if the status information are not available.

Notification icons

The notification from system and apps are shown in icon on the left side of System bar.

Quick Settings

You can use Quick Settings to change frequently used settings. To open the Quick Settings panel, swipe down the right side of the system screen.

The current user is shown in Quick Settings panel. You can also find the following settings:

- **Brightness**
Tap to set the brightness of the display.
- **Settings**
Tap to open **Settings** app.
- **Wi-Fi**
Press & hold to turn on/off **Wi-Fi**. You can also tap to open **Wi-Fi** option in **Settings** app.

- **Auto rotate**

Tap to turn on/off the auto-rotate screen feature.

- **Battery**

Tap to open **Battery** option in **Settings** app.

- **Airplane mode**

Tap to turn on/off **airplane mode**. All wireless radios are disabled when it is turned on.

- **Bluetooth**

Press & hold to turn on/off **Bluetooth**. You can also tap to open **Bluetooth** option in **Settings** app.

- **Location**

Tap to open **Location** option in **Settings** app.

More settings could be shown in Quick Settings panel depending on your use of the tablet, such as Alarm.

Managing Notifications

Opening the notifications panel

To open Notification panel, swipe down the left side of the system bar. Notifications of ongoing activities are listed first, followed by notifications of events, such as a new mail notification. You can tap the area out of the notifications panel to close the notifications panel.

Responding to a notification

To respond to a notification, do the following:

1. Open the notifications panel.

Your current notifications are listed in the panel, each with a brief description.

2. Tap a notification to respond to it.

The notifications panel closes. What happens next depends on the notification.

Dismissing a notification

Some notifications can be dismissed by sliding it sideways.

Locking your screen

You can lock your screen so that only you can unlock it to access your data, run applications and so on. See [Security](#) section for other ways to protect your tablet and privacy.

Locking your screen with a Pattern lock

For example, you can use a Pattern lock to lock your screen with following steps.

1. Open the security settings by tapping **All Apps -> Settings -> Security**.
2. Tap **Screen lock -> Pattern**.

Follow the onscreen instructions to finish the creation.

The next time you turn on your tablet or wake up the screen, you will be prompted to draw your unlock pattern to unlock the screen.

Capturing your screen

You can capture a screenshot by simultaneously pressing and holding **Power** and **Volume down** button for about 2 seconds. The tablet shows the preview for a few seconds and save it.

You can find and view the screenshot you've just captured from the notification panel.

Customizing the Home screen

You can add application shortcuts or widgets to Home screens. You can also change the wallpaper.

Adding an item to the Home screen

To add an item to the Home screens, follow the steps listed below:

1. Tap **All Apps** on the Home screen.
2. Tap **APPS** and **WIDGETS** tab. You can also swipe left or right to move between screens.
3. Press & hold an item and the Home screen will appear. Drag it to the place you want.

You might need to do some configurations when operating a widget.

You can resize some widgets on the Home screen by following below steps:

1. Press & hold the widget until it moves upwards and a resize handle will appear on each side.
2. Drag the resize handle to resize the widget.



The number of widgets you can add depends on the size of each widget. If there is not enough room, the widget cannot be added.

Moving an item on the Home screen

To move an item on the Home screen, do the following:

-
1. Press & hold the item you want to move until its icon is magnified. Don't lift your finger from the screen.
 2. Drag the item to a new location on the screen.
It will pause at the left or right edge of the screen to drag the item onto extended Home screen.
 3. When the item is at expected place, lift your finger.

Removing an item from the Home screen

To remove an item from the Home screen, do the following:

1. Press & hold the item you want to remove until its icon moves upward.
✕ appears.
2. Drag the item to ✕ .
3. When the item icon glows red, lift your finger.

Changing the wallpaper

Wallpaper is an image used to replace the default background of your Home screen.

1. Press & hold anywhere on the Home screen that is not occupied.
2. Tap an option to select a wallpaper source.
3. Select a wallpaper.
4. Tap **Set wallpaper**.

Creating a grouped folder

Folders provide an easy way to organize and manage your apps shortcuts. You can group several app icons into a folder.

Drag and drop an app icon on top of the other to automatically create a grouped folder. To rename the created folder, tap to open it and tap its name at the bottom to enter a new one.

Press & hold an icon in the folder and drag it to the Home screen. When the folder has only one app icon, this folder will be automatically ungrouped leaving the last icon on the Home screen.

Changing the Screen Orientation

You can change the screen orientation from Landscape to Portrait mode by rotating the tablet sideways (and vice versa). The screen orientation automatically changes according to the rotation angle detected.

You can disable the auto rotation in **Quick Settings** and always use the tablet in Portrait or Landscape mode.

Managing Tasks and Applications

You can manage some of the running applications by following the steps below:

1. Tap **All Apps -> Settings -> Apps**.
2. Tap an item you want to manage from **DOWNLOADED/RUNNING/ALL/DISABLED** tab.



- Refer to [Apps](#) section in *Settings* chapter for details.
- You can stop some of the running applications.

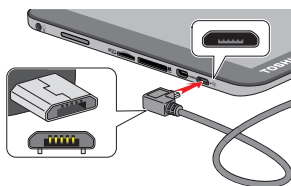
Connecting to a computer

With a Micro-USB port on the tablet, you can connect your tablet to a computer for data transfer.

To connect to a computer:

1. Plug the Micro-USB connector of the USB cable into the Micro-USB port on this tablet.

Figure 4-2 Connecting an Micro-USB cable



1. Micro-USB port

2. Micro-USB connector

2. Plug the other end of the USB cable into the USB port on the computer.



The Micro-USB connector of the USB cable must be correctly plugged into the Micro-USB port on the tablet. Failure to do so correctly might result in possible damage to the Micro-USB port.

Depending on your settings, your tablet will be recognized as a removable MTP (Media Transfer Protocol) device or PTP (Picture Transfer Protocol) device allowing you to access its contents from a computer.



If your computer does not support MTP, try using PTP instead.

To remove this tablet from a computer:

1. Make sure all file operations are finished.
2. Unplug the tablet from your computer.



Make sure the connector is properly aligned with the socket. Do not try to force the connection, Failure to do so can damage the connecting pins.

Factory Reset

The tablet provides you with the function to reset it. Before executing the reset, you need to backup the system settings, application settings, user installed applications and data in the internal storage.

To perform the factory data reset, do the following:

1. Tap **All Apps -> Settings -> Backup & reset -> Factory data reset -> Reset tablet -> Erase everything.**
2. The factory data reset will be done.



Note that the following data will be erased:

- *System settings and application settings*
- *User installed applications*
- *Internal storage files, such as music or photos*

Data in the removable media will not be erased.

Chapter 5

Applications

This chapter describes the usage of applications & widgets.

Your tablet has some Google Mobile services™ installed and the availability of the applications may vary depending on your country or region. Some applications will be automatically hidden after the first power on.

Calculator

You can use **Calculator** to solve simple arithmetical problems or use its advanced operators to solve more complex equations.

- Delete: tap **Delete** icon () to delete the last number or operator you entered.
Press & hold this icon to delete everything you entered.
- copy/cut: press & hold the calculation area to select copy or cut.

Calendar

You can use **Calendar** to remind on dates, events or appointments.

Add events to Calendar

You can add events to **Calendar** by following these steps:

1. Press & hold any blank period on your calendar or tap the **New Events** icon () on the top right corner of **Calendar** screen.
2. Enter **Event name** and set details for this date.
3. Tap **Done** to save.

Camera

Camera is a combination of camera and camcorder that you can use to take and share pictures/videos. Pictures and videos can be viewed in the Gallery.

Open Camera and take pictures/videos

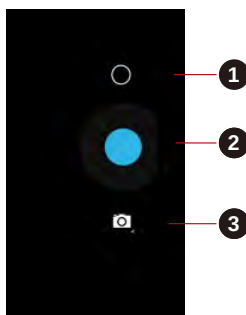
You can take pictures and shoot videos with the Camera.

To open the Camera, tap **All Apps -> Camera**.

Camera will open, ready to take a still picture. You can switch **Camera** to video or panorama mode anytime by tapping the proper icon in option 3 of the following figure.

The back camera is set for default. You can switch to front camera by tapping  icon in option 1 of the following figure.

Figure 5-1 Camera screen



- 1. Photo/Video options
- 2. Take a photo/video
- 3. Choose photo, video or panorama mode

Panorama mode

Panorama mode allows you to take multiple subsequent photos and the tablet automatically join them together to create a single image with a wide-angle view.

After the camera is set to panorama mode, you will select how shots will be stitched - slowly move the camera left to right or right to left.

Review your pictures/videos

You can review the pictures/videos you've just taken by swiping left Camera screen.

Photo options

Several options are available by tapping the Photo/Video options icon ().

- **HDR**: Tap to enable HDR function.
- **Exposure** (): Choose the value to change the exposure rate.

- **More options** (⋮): Tap to find the following options:
 - **Store location** (📍): Tap to enable or disable storing location information of pictures you take.
 - **Countdown timer** (⌚): Set the duration before the picture is taken. Check **Beep during countdown** to allow beeps during countdown.
 - **Picture size** (📷): Choose the size of the pictures you take.
 - **White balance** (⚙️): Adjust the lighting conditions.
 - **Scene mode** (SCN): Choose your environment.

Video options

Similarly, in Video mode, the following options are available on video record screen.

- **White balance** (⚙️): Adjust the lighting conditions.
- **Settings** (⋮): Tap to find the following options:
 - **Time lapse**: Choose a time interval for time lapse recording.
 - **Video quality**: Tap to select the quality of the videos you take.
 - **Store location**: Tap to enable or disable storing location information of pictures you take.

Clock

In addition to displaying the date and time, you can use Clock to set an alarm, timer, and stopwatch.

To open Clock, tap **All Apps -> Clock**.

Working with Clock

You can change Clock settings as follows:

- Tap the icon (🌐) to display a list of cities with different time zones. Check to show the clock of a city on Clock screen. You can select more than one city.
- Tap the icon (⚙️) to find more settings for Clock:
 - **Night mode**: Select to view local time with very dim display.
 - **Settings**: The following options are displayed:
 - Style**: Tap to open a dialog where you can choose the style of the Clock.
 - Automatic home clock**: Check to add a clock for home when travelling in an area with different time zone.
 - Home time zone**: Tap to open a list of time zones. Check to select a time zone for your home.

Setting an alarm

1. Tap the alarm icon (🔔).

2. Tap an existing alarm clock to change its time and other settings.
Or tap the icon () to add a new one.

Tap the icon () to find more settings for alarms:

- **Silence after:** Select the time when you want your alarm to stop ringing.
- **Snooze length:** Select how long your alarm will snooze after you turned it off.
- **Alarm volume:** Tap to open a dialog where you can drag a slider to adjust the volume.
- **Volume buttons:** Tap to open a dialog where you can choose if you want your **Volume buttons** to **Snooze**, **Dismiss**, or **Do nothing**.

Setting a timer

1. Tap the timer icon ().
2. Enter the period of time you want.
Tap **Delete** icon () to delete the last number you entered. Press & hold this icon to delete everything in the display.
3. Tap **Start**.

After starting a timer, you can work with it as follows:

- Enter a name: Tap ().
- Pause a timer: Tap **STOP**.
- Tap () to add one minute to the current time. One minute can be added with each tap. You can tap several times to add more minutes.
- Delete a timer: Tap ().
- Repeat a timer: Tap ().
- Tap () to add more timers.

The timer beeps when the time is up. It will keep beeping until you tap **STOP**.

Using the stopwatch

1. Tap the icon () to open the stopwatch.
2. Tap **START** to start time counting. You can add more laps when the stopwatch is running by tapping the icon ().
3. Tap **STOP** to stop. Then you can either tap **START** to continue or tap the icon () to open a new stopwatch.
Tap () to share the results via Bluetooth, email, and more.

Downloads

You can use the **Downloads** application to view and manage downloaded files.

To open the **Downloads**, tap **All apps -> Downloads**.

Email

You can use the **Email** application to read and send emails.

To open the **Email**, tap **All Apps -> Email**.

Read an email

You can read emails in the Inbox or other folders for individual accounts.

Tap the email to read. If two or more accounts are added, you can read all received emails by tapping combined view.

Send an email

You can send an email to your contacts or to other people.

To send an email:

1. Tap () and enter the recipient, subject, and message.
2. Tap () to add one or more pictures.

Respond to an email

You can reply to or forward an email that you've received. Tap one of the icons (  ) to execute **Reply**, **Reply all**, or **Forward** operations.

You can also delete email and manage them in other ways.

Manage email accounts

The **Email** application allows you to add and manage your email accounts.

- To add an email account:

Tap the icon () and select **Settings**. On the Settings screen, tap **ADD ACCOUNT**.

- To edit account settings:

Tap the icon () and select **Settings**.

General settings applies to all accounts.

To edit settings of a specific account, tap the account name.

Gallery

You can use **Gallery** to view pictures and play videos that taken with the Camera, downloaded or copied onto your tablet.

Open Gallery

To view your pictures and videos, tap **All apps -> Gallery**.

Gallery shows the pictures and videos on your tablet, including those you've taken with Camera and those you downloaded from the web or other locations.



- *If you have a large number of pictures or videos on your tablet, it may take Gallery a few minutes when you open it to discover and organize them.*
- *Gallery will display all images and videos without distinction of internal or external storage.*

View and browse pictures/videos

All the albums are displayed in the screen.

1. Tap an album to open it and view its contents. The pictures and videos in the album are displayed in chronological order. You can view the pictures and videos in your albums in stacks, sorted by **Albums**, **Locations**, **Times**, **People**, and **Tags**.
2. Tap a picture or video in an album to view it.
You can pinch the picture by two fingers or apart to zoom in or zoom out. Slide left or right to view other pictures/videos.

Take pictures/videos

You can also tap the camera icon to take pictures or videos directly. Refer to the [Camera](#) section for more information.

Work with pictures/videos

After opening a picture or a video, you can work with it as follows:

- Tap  to share photo or video with other applications.
- Tap  to find several options on the photo/video screen. Detailed options are different between the photo and video screen.

The Google Play™ Music App

You can use the **Google Play Music** app to organize and listen to music and other audio files stored on your tablet or SD card.

The app supports a wide variety of audio files formats so it can play music that you purchase from online stores, or copied from external storage and so on.

To open the Music screen, tap **All Apps -> Play Music**.

A screen requiring you to sign in with a Google™ account will appear. You can tap **Add account** to sign in or tap **Not now** to skip.

You can tap  to choose to open **Listen Now**, **My Library** or **Playlists** screen.

By tapping  , you can choose the music from **All music** or **On device**.

Playing music

You can listen to music by tapping a song you like.

Working with playlists

You can create playlists to organize your music files into sets of songs, which you can play in the order you set or in a shuffle.

To create a playlist, you can add the songs that are playing by tapping  beside the song and tapping **Add to playlist**. Choose an existing playlist, or tap **New playlist** to create a new playlist.

People

People is a phonebook application to organize phone number, email address, and other profiles of your friends or acquaintances.

Information about your contacts is shared with other applications.

If you have more than one account with contact information, **People** merges duplicate contacts into a single entry. You can also manage that process manually.

Open People

To open your contact, tap **All Apps -> People**.

All of your contacts are displayed alphabetically in a scrolling list.

Tap a contact to view the details. Entries for communicating with the contact are followed by details.

Import and export contacts

To import/export your contacts, tap menu () icon and then tap **Import/export**.

Search for a contact

You can search for a contact by name.

1. Tap **Find contacts** (). The search box appears.
2. Start entering the name or number of the contact you're searching for.
As you type, contacts with matching names appear below the search box.
3. Tap a matching contact in the list to open its details screen.

Service Station

The Service Station utility is used to provide you with updates for both applications and system software. It will notify you when a new version of software is available, also it initiates for download & installation.

To open Service Station:
Tap **All Apps -> Service Station**.

Main Window

The main window of this application includes four areas: **Menu**, **Buttons**, **Information**, and **Check for Updates**.

■ Menu

Tap **Menu** icon (), you can access the following options: **Select All Applications**, **View Hidden Update(s)**, **View Hidden Alert(s)**, **View Access Agreement**, and **About**.

■ Buttons

Two buttons are displayed in this area:

Software Updates: Tap to check the System and application updates. To view the hidden updates, tap **Menu** icon () and select **View Hidden Update(s)**.

Alerts: Tap to check the alerts. To view the hidden alerts, tap **Menu** icon () and select **View Hidden Alert(s)**.

■ Information

The main part of the screen displays information such as the list of available updates, or more detailed information about a specific update.

■ Check for Updates

Tap the **Check for Updates** button, and the application will refresh the list of available updates.

During normal operations, the Service Station will periodically check to see if there are any updates for your system. This is done automatically. If there are new updates available, you will be notified with the Service Station icon in the System bar of your tablet.

While the Service Station will periodically check for updates in the background, you can request that it check for updates immediately.



- *It is not normally necessary to check for updates manually, as the utility checks for them automatically and informs you when one is available.*
- *Connect the AC adaptor before updating.*
- *If the tablet has multiple users, system update is available only for owner account, while application update is allowed for all users.*

You can also find the basic information about your system such as the version of the operating system, the tablet part number and serial number in this area.

Downloading Updates

When an update is available, it will appear on the information area of the screen. Tap the item displayed. More details for that item are displayed on the screen.

To download the update, tap the **Download** button. This will begin the download process. A progress indicator is displayed.



- **Tapping Home** () allows the download to continue while you use your tablet. A notification of the download completion will appear in the system bar.
- **Tapping Back** () will abort the download process.

Installing Updates

Once an update has been downloaded, it can be installed. If you are not able to see the information in System bar, go to the screen by launching the Service Station utility, or by tapping the download completion notice on the system bar.

Tap the **Install** button. This will launch the application installer. Continue with installation.

Downloading and Installing System Updates

Service Station will download both application and system updates. System updates require a reboot of your tablet.

Downloading a system update is the same as an application update.

Installing a system update is similar to an application update, but you will be reminded that the tablet will be rebooted during the installation process. Make sure to close any other applications and save all work prior to installing a system update.



It is important to ensure that a system update will not be interrupted after it has started. Plug in the AC power before starting the installation and don't turn the tablet off until the process has finished.

Note that the system may reboot more than once during an system update, depending on the update itself.



This application only updates system area in the internal storage. User data area is retained after the system is updated.

TOSHIBA File Manager

TOSHIBA File Manager is a featured application that manages files and folders. It allows you to create, rename, copy, cut, paste or delete files, and folders stored in both internal and external storage.

To open TOSHIBA File Manager, tap **All Apps -> File Manager** from the Home screen.



- *System files cannot be accessed by TOSHIBA File Manager.*
- *TOSHIBA File Manager may not be able to open a file without its associated application.*

Navigation

The main window of TOSHIBA File Manager is divided into four panels. Each panel's function is described as below.

■ Device panel

Device panel lists buttons of available storage devices. By default you will see **Internal Storage** and **Screen Capture** buttons. You are also allowed to add folder shortcut into this panel.

■ Address panel

Address panel shows you the current device name followed by relative (not full) path of current folder.

■ Control panel

Control panel contains several functional icons for file and folder operations.

■ Files and folders panel

This panel is divided into five categories: **ALL** (), **MUSIC** (), **VIDEOS** (), **PICTURES** (), and **DOCUMENTS** (), you can tap to view as you want.

Explore files and folders with optional layout in this panel. You can read and collect additional information such as size, thumbnail of the files, name, last modified date, and time of the folders.

Storage Structure

The following table lists the description of each storage device icon in the Device panel.



TOSHIBA File Manager only shows the storage device connected to the tablet.

Name	Description
 Internal Storage	All contents (excluding system files) in the tablet's internal storage are shown.
 SD card	All contents in SD card are shown.



Screen Capture

Screenshots image files are shown.

Refer to the [Capturing your screen](#) section for more information.

Operations on Files & Folders

Basic file operations

You can **Cut**, **Copy**, **Paste**, and **Delete** files & folders. Press & hold an item to select it while enabling the multi-selection mode, therefore these command buttons will be visible in the Control panel.

■ **Select All**

Tap  to open the menu and tap **Select All**.

■ **Deselect All**

Tap  to open the menu and tap **Deselect All**.

■ **Cancel Selection**

Tap **Done** to cancel selection.

■ **Copy, Cut, and Paste**

Tap **Copy** () or **Cut** () in the Control panel. After TOSHIBA File Manager exits the multi-selection mode, you can redirect to a folder where to paste the selected items. Tap **Paste** () in the Control panel to complete the operation.

■ **Delete**

Tap **Delete** () in the Control panel to delete the item(s) you have selected. Confirm the operation by tapping **OK**.

■ **Share**

Items can be shared with the other applications such as **Email**.

To do this, first select the items and then tap icon (). Tap **Share** from the menu and select the app you want.

Grid/List view

You can switch GridView/ListView by tapping either of the following icons.

■ **Grid view**()

By default, files and folders are shown in a grid.

■ **List view**()

Files and folders are shown in a scrolling list enabling you to view detailed information about an item.

Creating a folder

You can create a folder by following below steps:

1. Navigate to the directory where to create a new folder.
2. Tap  in the Control panel.

3. A dialog will appear, enter the folder name and tap **OK**.

Renaming a file or a folder

You can rename a file or folder by following the steps below:

1. Press & hold a file or folder you want to rename.
2. Tap icon  to open the menu and tap **Rename**.
3. A dialog will appear. Enter a new folder name and tap **OK**.

Sorting files and folders

You can sort and view files and folders by name, time, size, and type.

1. Tap  in the Control panel.
2. Tap **By name**, **By size**, **By time** or **By type** as you want.

By default, items are arranged in ascending order. Tap the option to switch to descending order.



*Only some options are supported in **MUSIC**, **VIDEOS**, **PICTURES**, and **DOCUMENTS** tabs.*

Adding folder shortcut

Folder shortcut makes it faster to access the folder. TOSHIBA File Manager is designed to create folder shortcut in the Device panel.

1. Press & hold a folder to select it, and then tap  to open the menu.
2. Tap **Add to shortcut** to add it to the Device panel.



- *This operation is only applicable to folders saved in the internal storage.*
- *To remove a folder shortcut from the Device panel, press & hold the shortcut and tap **OK**. However, the storage device icon cannot be removed.*

TruCapture

This software is a camera application with special features to take improved snapshots of whiteboards, printed materials, notebooks, etc.

To open TruCapture, tap **All Apps -> TruCapture**.

The **Tutorial** providing the information about how to use this feature will appear. You can also find it by tapping the **Menu** () and selecting **Tutorial** on the main screen of TruCapture.

Online Manual

Online Manual is an application to launch the pre-installed online manual (this manual) for this tablet.

Chapter 6

Settings

This chapter describes the **Settings** app - a quick and easy access to the global options that allows you to configure how your tablet communicates and functions.



- *A scrollbar is displayed on the right side of the screen. This scrollbar is only used to show the position of the displaying area. You can scroll the screen using your fingers.*
- *Some settings are only available to the tablet owner.*

Wireless & networks

Your tablet can connect to a variety of networks and devices, mobile networks for voice and data transmission, Wi-Fi data networks, and Bluetooth devices, such as headsets.

Options under **WIRELESS & NETWORKS**, which are briefly described below, are used to configure and manage these connections. You can tap **More** to get additional hidden options.

Refer to the following sections in this chapter for more details.

- **Wi-Fi**
Tap to see available Wi-Fi networks when Wi-Fi is turned on.
- **Bluetooth**
Tap to see available Bluetooth devices when Bluetooth is turned on.
- **Data usage**
Tap to monitor your current or historical data usage.
- **Airplane mode**
Check to enable Airplane mode.
All wireless communications are disabled when Airplane mode is enabled.
- **VPN**
Tap to set up and manage Virtual Private Networks (VPNs).

■ Tethering & portable hotspot settings

You can share your tablet's mobile data connection with other devices (up to 8) via USB, Bluetooth, or by turning your tablet into a portable Wi-Fi hotspot.

Tap to adjust these settings.



This function is only supported by 3G models.

■ Mobile networks

Tap to set up your wireless service provider's mobile network.



This function is only supported by 3G models.

Wi-Fi networks

Wi-Fi is a wireless networking technology that can provide Internet access at distances of up to 100 meters, depending on the Wi-Fi router and your surroundings.

To use Wi-Fi on your tablet, you need to access a wireless access point, or "hotspot". If access points are opened you can simply connect to them. Others are hidden or implement other security features, so you must configure your tablet so it can connect to them.

There are numerous systems for securing Wi-Fi connections, including some that rely on secure certificates or other schemes to ensure that only authorized users can connect.

Turn off Wi-Fi when you are not using it to extend the life of your battery. The Status bar displays icons that indicate Wi-Fi status.



Connected to a Wi-Fi network (waves indicate the wireless connection strength)



Notification that an open Wi-Fi network is in range

Turning Wi-Fi on and connecting to a Wi-Fi network

You can turn on and connect to a Wi-Fi network by following steps:

1. Open the **Settings** app from **All Apps**.
2. Under **WIRELESS & NETWORKS**, tap **Wi-Fi**.
3. Slide the **Wi-Fi** switch to the **ON** position.

The tablet scans for available Wi-Fi networks and displays the names of those it finds. Secured networks are indicated with a lock icon.



If the tablet finds a network that you connected to previously, it will connect to it automatically.

4. Tap a network name to see more details.

If the network is open, you are prompted to confirm that you want to connect to that network by tapping **Connect**.

If the network is secured, you're prompted to enter a password or other credentials. (Ask your network administrator for details.)

When you have connected to a network, tap on the network name for details about the status, signal strength, link speed, security type, and IP address.

Adding a Wi-Fi network

You can add a Wi-Fi network so the tablet will remember it, along with any security credentials, and connect to it automatically when it is in range. You must also add a Wi-Fi network to connect to it, if it does not broadcast its name (SSID), or to add a Wi-Fi network when you are out of range.

To join a secured network, you need to contact the network's administrator to learn what security system is deployed and to obtain the password or other required security credentials.

1. Turn on Wi-Fi if it is not already on.
2. In the Wi-Fi settings screen, tap the plus icon ().
3. Enter the Network SSID (name). If the network is secured, tap **Security** and then tap the type of security deployed on the network.
4. Enter the required security credentials.
5. Tap **Save**.

The tablet will connect to the wireless network. Any credentials that you enter will be saved, so you can connect automatically the next time you come within range of this network.

Forgetting a Wi-Fi network

You can make your tablet forget about the details of a Wi-Fi network that you added. For example, if you don't want the tablet to connect to it automatically or if it is a network that you no longer use.

1. Turn on Wi-Fi if it's not already on.
2. In the Wi-Fi settings screen, tap the network name.
3. Tap **Forget** in the dialog that opens.

Modifying a Wi-Fi network

You can modify each connected Wi-Fi network settings including credentials, proxy server settings and IP settings.

Proxy server settings may be required for some internal or external network connection. By default, the Wi-Fi networks you add are not configured to connect via a proxy server, but you can change that for each Wi-Fi network you've added.



Proxy settings are used by Browser and may not be used by other apps.

1. In the Wi-Fi settings screen, press & hold the network name you have added.
2. Tap **Modify network**.
3. Check **Show advanced options**.
4. If the network has no proxy settings, tap **None** and select **Manual**.
5. Enter the required proxy settings you have obtained.
6. Tap **Save**.

A static IP address may also be manually configured for some network. By default, the Wi-Fi networks you add are configured for automatic IP assignment. You can change it for each Wi-Fi network you've added.

1. In the Wi-Fi settings screen, press & hold the network name you have added.
2. Tap **Modify network**.
3. Check **Show advanced options**.
4. If the network has no manual IP settings, tap **DHCP** and select **Static**.
5. Enter the required IP address you have obtained.
6. Tap **Save**.

Advanced Wi-Fi settings

Advanced Wi-Fi settings are available following the steps below.

1. Turn on Wi-Fi if it is not already on.
2. In the Wi-Fi settings screen, tap the **Menu** icon () and tap **Advanced**.

Several options are described below.

■ **Network notification**

By default, when Wi-Fi is on, you receive notifications in the Status bar when your tablet detects an open Wi-Fi network. Uncheck this option to turn off notifications.

■ **Keep Wi-Fi on during sleep**

Tap this option to change the setting:

Always: Stay connected to Wi-Fi always.

Only when plugged in: Stay connected to Wi-Fi only when the tablet is connected to the AC adaptor.

Never: never to stay connected to Wi-Fi during sleep.

When your tablet supports 3G, **Never** option is likely to increase mobile data usage. You may want to revisit this setting if you receive a notification that you're approaching your specified mobile data limit.

■ **Scanning always available**

Check this option to enable Google Location Services and apps scan for networks, even when Wi-Fi is off.

- **Wi-Fi frequency band**

Tap this option to change the setting to **Auto**, **5 GHz only** or **2.4 GHz only**.

- **Install certificates**

Installs network certificates stored on the SD card.

- **Wi-Fi optimisation**

Check this option to minimize battery usage when Wi-Fi is turned on.

- **MAC address**

Shows MAC address of your device

- **IP address**

Shows IP address of your device.

WPS Pin Entry

WPS Pin Entry feature provides a much easier connection to a Wi-Fi access point. WPS or Wi-Fi Protected Setup is a fairly secure way to connect to a Wi-Fi network without having to enter a long, convoluted password.

Wi-Fi Direct

Wi-Fi direct allows you to directly connect to devices nearby via Wi-Fi for much higher-speed wireless communication. You can share files or streaming videos/audios from other compatible devices.

Tap the **Menu** icon () and tap **Wi-Fi Direct** to enable Wi-Fi direct. Tap **SEARCHING FOR DEVICES** to find the nearby available devices whose names will be listed under **PEER DEVICES** for connection. You can also rename your device by tapping **RENAME DEVICE** option.



- *Wi-Fi should be connected before using Wi-Fi direct.*
- *Wi-Fi direct may fail to work when both devices have connected to a different hotspot.*
- *Wi-Fi direct may fail to work when the Wi-Fi frequency band is configured as 5 GHz only.*

Bluetooth

Bluetooth is a short-range wireless communications technology that devices can use to exchange information over a distance of about 8 meters. The most common Bluetooth devices are headphones for listening to the music and other portable devices, including cell phones.



This tablet does not support Bluetooth connections via ad-hoc network.

To connect to a Bluetooth device, you must turn on your tablet's Bluetooth radio. The first time you use a new Bluetooth device, you must "pair" it with your tablet so that they connect securely to each other. After that, you can simply connect to a paired device.

Turn off Bluetooth when you're not using it, to extend the life of your battery between charges. You may also be required to turn Bluetooth off in some locations. Bluetooth is turned off in Airplane mode.

Status bar icons indicate Bluetooth status.

Turning Bluetooth on or off

1. Open the **Settings** app from **All Apps**.
2. Under **WIRELESS & NETWORKS**, tap **Bluetooth**.
3. Slide the **Bluetooth** switch to the **ON** position to turn on the Bluetooth and slide left to switch **OFF**.

Pairing your tablet with a Bluetooth device

You must pair your tablet with another device before you can connect to it. Once you pair your tablet with another device, they stay paired unless you unpair them.

1. Open the **Settings** app from **All Apps**.
2. Make sure that the Bluetooth is turned on.

Your tablet will scan for and display the names of all available Bluetooth devices in range.

If the device you want to pair with is not included in the list, make it discoverable. See the documentation that came with your device to learn how to make it discoverable by your tablet, and for other instructions for pairing.

3. If your tablet stops scanning before you make the other device discoverable, tap **SEARCH FOR DEVICES**.
4. Tap on the name of the Bluetooth device in the list to pair it.

The devices pair with each other. If you're prompted to enter a passkey, try entering 0000 or 1234 (the most common default passkeys), or consult the documentation that came with the device to learn its passkey. If the pairing is successful, that means your tablet is connected to the device.



*To display received files from other Bluetooth-enabled devices, tap the **Menu icon** (☰) and tap **Show files received**.*

Connecting to a Bluetooth device

Once paired, you can connect to a Bluetooth device. For example, to switch between devices or to reconnect after your tablet and this device come back into range.

1. Open the **Settings** app from **All Apps**.

2. Make sure that the Bluetooth is turned on.
3. In the list of Bluetooth devices, tap a paired but unconnected device. If the device you expected isn't displayed, tap **SEARCH FOR DEVICES**.

When your tablet and this device are connected, this device is shown as connected in the **PAIRED DEVICES** list.

Configuring a Bluetooth device

Some Bluetooth devices have multiple profiles. Profiles can include the ability to transmit your conversations, play music in stereo, or transfer files or other data. You can select profiles you want to use with your tablet. You can also change the name of the Bluetooth device as it appears on your tablet.

1. Make sure that the Bluetooth is turned on.
2. Tap the icon () beside a paired Bluetooth device.

A screen opens that allows you change the device profile or unpair it.

Configuring Bluetooth settings

Your tablet has a generic Bluetooth name by default, which is visible to other devices when you connect them. You can change the name so that it is more recognizable.

1. Open the **Settings** app from **All Apps**.
2. Make sure that the Bluetooth is turned on.
3. In the Bluetooth settings screen, tap the **Menu** icon () and tap **Rename tablet**.
4. Enter a new name for your tablet.
5. Tap **Rename** to complete the operation.

To set a time period which you want your device detected by other devices:

1. Tap the **Menu** icon () and tap **Visibility timeout**.
2. Then select a period of time you want.

Mobile networks



This section only applies to models with 3G modules.

When you assemble your tablet with a SIM card from your wireless service provider, your tablet is configured to use your provider's mobile networks for transmitting data.

Your tablet is configured to work with many mobile carriers' networks. If your tablet does not connect to a network when you insert a SIM card and turn it on, contact your carrier to obtain & confirm Access Point Name (APN) details.

Disabling data when roaming

1. Open the **Settings** app from **All Apps**.
2. Under Wireless and networks, tap **More -> Mobile networks**, and uncheck **Data roaming**. However you can still transmit data via a Wi-Fi connection.

Editing or creating a new access point

If you and your wireless service provider determine that you need to change the settings of your current APN or to create a new one, you must obtain the APN and detailed settings from your provider.

1. Open the **Settings** app from **All Apps**.
2. Under Wireless and networks, Tap **More -> Mobile networks -> Access Point Names**.
3. Tap an existing APN to edit it, or tap the Menu icon () and select **New APN** to create a new one.

Enter the APN settings that you obtained from your wireless service provider by tapping each setting that you need to edit.

4. When you finished, tap **Save**.

If you have created a new APN, tap it in the APNs screen to start using it.

Data usage



Some of the features described in this section apply only to models with 3G modules.

Data usage refers to the amount of data uploaded or downloaded by your tablet during a given period. Additional fees may be charged when the data usage exceeds the limit depending on your wireless service provider's plan.

Data usage settings allow you to:

- View data usage by apps
- Enable or disable app auto-sync data
- Enable or disable app data transfer in the background for mobile hotspots



The information displayed on the data usage settings screen is measured by your tablet. Your wireless service provider's data usage accounting may differ. Steep overage charge is possible in excess of your wireless service provider's data limits.

Data usage can help you to view and track data usage but it is not guaranteed to prevent additional charges.

Setting data usage

Data usage of each network type (Mobile, Wi-Fi or Ethernet) are illustrated. By default, Wi-Fi or mobile network is displayed. Tap the network tab to switch between them.

Tap **Data usage cycle** to choose a different cycle. This date range is the period for which data usage is displayed in the graph below.

The vertical white lines on the graph show a period of time within the data usage cycle. You can drag the lines to change the period which determines the total data usage amount below the graph.

The orange line indicate the level where you want to receive a warning notification when the data usage reaches this level. Drag the line to adjust the level.

The red line indicating the data limit appears after you check **Set mobile data limit**. Drag the line to the limit you want. When the data usage reaches the limit, mobile network will be turned off automatically. You will receive a notification.

Device

Options under **DEVICE** allow you to fine tune your tablet hardware.

Sound

You can control sound volume and ringtone from **Settings -> Sound**.

Sound contains the following options:

- **Volumes**

Tap to open a dialog where you can drag a slider to set the volume separately for music, video, games, notifications, and alarms.

- **System**

- **Default notification sound**

Tap to open a dialog where you can set the default notification tone when you receive a notification.

- **Touch sounds**

Check this option to play sound when tapping the screen.

- **Screen lock sound**

Check this option to play sound when locking and unlocking the screen.

Display

You can use **Display** settings to configure the brightness and other screen settings.

Display contains the following options:

- **Brightness**

Drag the slider left or right to adjust the screen brightness.

- **Wallpaper**

Tap to select a wallpaper source and change wallpaper.

- **Sleep**

Tap to open a dialog where you can set the time of inactivity before the tablet goes to sleep.

- **Daydream**

Slide the **Daydream** switch to the **ON** position. You can choose one of the following options shown on the screen when the tablet is in sleep mode.

- **Clock**

Tap to select the **Clock** to show on the screen. You can change the clock style or check the **Night mode** option by tapping icon ().

- **Colors**

Show changing colors on the screen.

- **Google Photos**

Presents a slideshow of photos on your tablet. Tap Quick settings icon () to open a screen where you can select which photos to be displayed.

- **Photo Frame**

Presents a slideshow of photos on your tablet. Tap Quick settings icon () to open a screen where you can select which photos to be displayed.

- **Photo Table**

Scatters photos on your tablet across your screen. Press & hold a photo to move it around the screen or swipe it away to hide it. Tap Quick settings icon () to open a screen where you can select which photos to be displayed.

Once you have selected an option, you can tap **START NOW** to start **DAYDREAM** immediately, or tap **WHEN TO DAYDREAM** to determine when to sleep.

- **Font size**

Tap to open a dialog where you can select the font size on the user interface.



Some apps may not display texts properly if font size which is set as Normal by default is changed.

- **Cast screen**

Tap to open the screen and tap the **Menu** icon () to configure wireless display settings.

Storage

Storage shows your internal storage and external storage status.

Internal storage

Internal storage contains the following options:

- **Total Space**
Shows the total memory space of internal storage in your tablet.
- **Available**
Shows the free space of internal storage.

The following options will be displayed under the current user:

- **Apps (app data & media content)**
The amount of application data of internal storage.
- **Pictures, Videos**
The amount of picture and video data of internal storage.
- **Audio (music, ringtones, podcasts, etc.)**
The amount of audio data of internal storage.
- **Downloads**
The amount of downloaded data of internal storage.
- **Cached data**
The amount of cached data for all apps of internal storage.
- **Misc.**
The amount of miscellaneous data of internal storage.

You can also find the total storage amount of other users.

SD card

SD card contains the following options after you insert an SD card.

- **Total space**
Shows total memory space of the SD card.
- **Available**
Shows free space of the SD card.
- **Unmount SD card**
Tap to unmount the SD card for safe removal.



Unmounting is not possible if the tablet is connected to a computer as a removable MTP (Media Transfer Protocol). Disconnect the tablet from computer before unmounting.

USB computer connection

You can choose how the USB port works by tapping the Menu icon () and select **USB computer connection**. Refer to the [Connecting to a computer](#) section for more details.

Battery

Battery allows you to check what is using the battery and the battery usage data.

Tap to open a list of the applications and operating system components you have used since you last connected the tablet to a power source, sorted by the amount of power they have used.

Tap **REFRESH** on the top of the screen to reload the list.

Apps

You can use the **Apps** settings to view details about the applications installed on your tablet, to manage their data and force them to stop.

Swipe between the four tabs at the top of the screen, each displaying a list of apps or their components.

■ DOWNLOADED

Tap to open a list of all downloaded applications installed on your tablet, along with their size. They are sorted by name alphabetically by default.

■ RUNNING

Tap to open a list of all applications, services (applications or parts of applications that provide services to other applications or that run even when their main application isn't running), processes that are currently running and how much memory they are using. Depending on the service, when you tap it in the list it will either open a dialog where you can stop it or open its Settings screen.

■ ALL

Tap to open a list of all applications that you downloaded and all applications that are pre-installed with your tablet.

■ DISABLED

Tap to open a list of applications disabled on your tablet.



This tab will appear only if any application is disabled.

You can tap the Menu icon () and select **Sort by size** to switch the order of the lists in **Downloaded** or **All** tabs. You can also use **Reset app preferences** to reset all preferences for related settings, such as **Disabled apps** and **Disabled app notifications**.



- *This tablet does not support another Operating System.*
- *TOSHIBA cannot guarantee or support applications that are installed by a user.*

Users

You can add additional users and restricted profiles on your tablet.

Add users

You can share your tablet with family and friends. Each new user you set up here can use a separate space on the tablet with its own Home screen, account, apps, settings and so on.

You can create additional users on the tablet.

Each user's image appears on the lock screen along with the tablet owner's image. To use the tablet, touch your image and unlock your own lock screen.



- *Any user can accept the updated app permissions on behalf of any other users.*
- *Only the tablet's owner can remove any user's space completely.*
- *Some options in Settings app are only available for owner.*
- *The performance and response of the tablet may slow down when background users are running applications.*
- *New users cannot be created when the storage space is not enough in the tablet.*

Create a user

To add a user, you must be the owner.

Tap the **Add user or profile** and tap **User**. A dialog will appear, tap **OK** to continue:

- If the person is available, tap **Set up now** to enter the lock screen of the new user and hand over the tablet to the person for setup.
- If the person is not available, tap **Not now**. A new user appears in the list.

When you can hand over the tablet to the person for setup, tap the user image in **Device -> Users** under **Settings** app, or on the lock screen.

Modify user information

Each user can modify his/her own image and information shown on the lock screen:

- **Change image:** tap the user name.

- **Change user name:** tap icon () to open a screen where you can change user name.
- **Add or change additional text:** tap icon () to open a screen where you can add or change the text displaying on the lock screen.

Delete a user

- The tablet's owner can delete any user's space by tapping the Trash icon () beside the user name.
- Other users can only delete their own space by tapping Menu icon () on the top right of the screen and select **Delete from this device**.

Switch users

Each user's image and user name appear on the lock screen along with the tablet owner's. To enter your own space, tap your image and unlock the screen with your screen lock.

Alternatively, swipe down from the top right of any screen to open Quick Settings panel, and then tap your image near the top left. This returns you to the lock screen, from which each user can unlock his/her own space.

Add restricted profiles

As the tablet owner, you can create restricted profiles so that other users have restricted access to features and contents on your tablet. Before you create a restricted profile, you will need to set up a screen lock to protect your apps and personal data.

Create a restricted profile

1. Tap **Add user or profile** and tap **Restricted profile**. A new profile with a list of applications displays. Tap **New profile** to name the profile.
2. Slide the switch to the **ON** position for the applications and contents that you want to grant access to.

When you hand over the tablet to the restricted user, only the granted apps appear after the user touches the All Apps icon.

Edit a restricted profile

1. Tap the name of the restricted profile.
2. Slide the switch to the **ON** or **OFF** position for the applications and contents that you want to grant or deny access to. The changes take place in real time.



If you switch off an app, the profile user loses all contents associated with that app. The contents can not be restored even if you grant access again.

Delete a restricted profile

- The tablet's owner can delete any restricted profile by tapping the Trash icon () beside the profile be deleted.
- Other restricted profiles can only delete their own space by tapping Menu icon () on the top right of the screen and selecting **Delete from this device**.

Personal

Options under **PERSONAL** allow you to manage personal accounts, data backup, and security.

Location

You can use **Location** settings to set location related settings.

Slide the **Location** switch to the **ON** position. Location contains the following options:

- **Mode**
 - **High accuracy**

Check this option to estimate your location faster and more accurately using GPS, Wi-Fi, and mobile networks.
 - **Battery saving**

Check this option to estimate your location using low battery-intensive location sources, such as Wi-Fi.
 - **Device only**

Check this option to estimate your location using GPS only.
- **Recent Location Requests**

Display apps that have recently received your location.

Security

You can use **Security** settings to configure settings that help secure your tablet and its data.

Security contains the following options:

■ Screen Security

■ Screen lock

Tap to open a screen where you can configure the tablet to lock screen with a **Slide, Face Unlock, Pattern, PIN, Password**.

The following options will be displayed depending on the lock mode you select.

Make pattern visible: Check to make the pattern visible while unlocking the tablet.

Automatically lock: Tap to open a dialog where you can configure the tablet to lock the screen Immediately or after a period of time (5 seconds, 15 seconds, etc) when the tablet is in the sleep mode.

Power button instantly locks: Check to lock the screen every time when power button is pressed.

Improve face matching: Tap to record your face again under better conditions like In different lighting, with or without prescription glasses, bearded or clean-shaven.

Enable widgets: Check this option to enable widget on lock screen. The default widget is digital clock. To add more, swipe from the left edge of the widget to right until you see a plus icon.

Liveliness check: Requires eye blink while unlocking if checked.

You can also choose **None** to disable screen lock. However, when multiple users are setup, this option becomes unavailable.

■ Owner info or User info or Profile info

Tap to open a dialog where you can enter text to display on the lock screen.

■ Encryption

■ Encrypt tablet

Tap to open a dialog where you can set numeric PIN or password to decrypt your tablet each time you power it on.



*A PIN or password must be set (using **Screen lock** option) before encrypting your tablet.*

■ SIM Card Lock

■ Set up SIM card lock

Tap to open a screen where you can configure the tablet to require entering the SIM PIN to use the tablet and where you can change the SIM PIN.



This function is only supported by 3G models.

- **Passwords**

- **Make passwords visible**

- Check this option to show each password character as you enter them, so that you can see what you enter.

- **Device Administration**

- **Device administrators**

- Tap to open a screen where you can view and manage device administrators.

- **Unknown sources**

- Check this option to permit installation of applications that are not downloaded from or available on the Google Play™ store app.

- **Verify apps**

- Check this option to disallow or warn before installation of applications that could be harmful to your tablet.

- **Credential Storage**

- **Storage type**

- This option shows the type of your storage.

- **Trusted credentials**

- Tap to open a screen where you can allow applications to access your tablet's encrypted store of secure certificates and related passwords and other credentials. You can use credential storage to establish some kinds of Wi-Fi connections. If you have not set a password for credential storage, this setting is grayed.

- **Install from SD card**

- Tap to install a secure certificate from the SD card.

- **Clear credentials**

- Tap to delete all secure certificates and related credentials and erases the secure storage's own password, after prompting you to confirm that you want to do this.

Language & input

You can use **Language & input** settings to select the language for the text, voice input, and voice output on your tablet and for configuring the onscreen keyboard, including words that you've added to its dictionary.

- **Language**

- Tap to select the system language from a list.

- **Spell checker**

- Tap to enable automatic spell check to fix misspelled words more easily.

- Tap the icon () besides the option to configure it.

- **Personal dictionary**

Tap to open your personal dictionary. To add your words, tap **ADD** on the top right of the screen.

- **Keyboard & Input Methods**

- **Default**

Tap to open a dialog where you can select the default input method you want to use, if you have more than one installed, tap **Set up input methods** to open the screen where you can configure each input method.

- **Physical Keyboard**

This option is available when a physical keyboard is connected. Tap on the name of the connected keyboard to configure the keyboard layout.

- **Speech**

- **Voice Search**

Tap to open a screen where you can set the voice recognition function.

- **Text-to-speech output**

Tap to open a screen where you can set the text-to-speech engine required for text-to-speech function.

- **Mouse/Trackpad**

- **Pointer speed**

Tap to set the mouse pointer speed by dragging the slider left or right.

Backup & reset

You can use the **Backup & reset** settings to manage your personal data.

- **Backup & Restore**

- **Back up my data**

Check this option to back up application data, Wi-Fi passwords, and other settings to Google servers.

- **Backup account**

Tap to display the Google account that your settings and other data are backed up with.

- **Automatic restore**

Check this option to restore backup settings or other data when you reinstall an application.

- **Personal Data**
- **Factory data reset**

Tap to erase all user data in the internal storage. Follow the on-screen instructions to reset it. Note that data in the removable media won't be erased. Refer to the section [Factory Reset](#) in "Basic" chapter for details.

Accounts

You can tap an account to edit account settings which may vary with different account type.

Add account

Tap **Add account** to open account creation and setting screen of applications.

System

Date & time

You can use **Date & time** settings to set your preferences for how dates are displayed. You can also use these settings to set your own time and time zone, rather than obtaining the current time from the mobile network.

- **Automatic date & time**
Check this option to auto-sync time.
- **Automatic time zone**
Check this option to auto-sync time zone.



This function is only supported by 3G models.

- **Set date**
Tap to open a dialog to manually set the date.



The system date cannot be set beyond Dec/31/2037.

- **Set time**
Tap to open a dialog where you can set the time manually .
- **Select time zone**
Tap to open a dialog where you can set the time zone.
- **Use 24-hour format**
Check this option to display the time using 24-hour time format.
- **Choose date format**
Tap to open a dialog where you can select the format for displaying dates.

Accessibility

You can use **Accessibility** settings to enable accessibility functions, such as reading or enlarging text on the screen.

- **TalkBack**

Slide the switch to the **ON** position to enable TalkBack which provides spoken feedback to help blind and low-vision users.

- **Captions**

Captions allow the hearing impaired to specify if and how they want captions displayed on video, for example, the language, size, and color combinations.

Slide the switch to the **ON** position to turn on this feature. Then you can configure the settings.

- **Magnification gestures**

Slide the switch to the **ON** position to turn on this feature. Then you can temporarily magnify what's on your screen or use magnification mode to easily zoom and pan your screen. This feature is developed to help the low-vision users.

Temporarily magnify: Triple-tap & hold

Magnify & pan: Triple-tap & hold, then drag your finger.

Toggle magnification mode in or out: Triple tap & release, or enter or exit an application to get out of magnification mode.

When you are in magnification mode, you can:

Pan: Drag two or more fingers across the screen.

Adjust zoom level: Pinch or expand using two or more fingers.



Triple-tap for magnification works everywhere except for the keyboard and navigation buttons.

- **Large text**

Check to increase the default font size used across the system for better readability.

- **Auto-rotate screen**

Check to make automatic screen rotation available as you turn your tablet sideways.

- **Speak passwords**

Check to enable this function that allows the tablet to speak the passwords while you are typing.

■ Accessibility shortcut

Slide the switch to the **ON** position to turn on this feature, which allows you to touch your tablet's screen and hear what's under your finger via spoken feedback. This feature is helpful to blind users.

When this feature is turned on, you can quickly enable accessibility features by the following steps:

1. Press and hold the power button until you hear a sound or feel a vibration.
2. Touch and hold two fingers until you hear audio confirmation.



If the tablet has multiple users, use this shortcut on the lock screen temporarily enables accessibility until the tablet is unlocked.

■ Text-to-speech output

Tap to select and set up speech engine that converts text into spoken voice.

■ Touch & hold delay

Tap to select the delay required for your tablet to notice that you are pressing and holding an item.

Printing

You can use printing function to print contents of certain screens.

About tablet

About tablet includes information about your tablet.

■ System updates

Tap to open the screen to check your system for update.

■ Status

Tap to open the Status screen with a long list of information about your battery, network, and other details.

■ System information

Tap to open a screen that displays some basic information of your tablet, such as Manufacture, Product name, Product version, and Serial number, etc.

■ Legal information

Tap to open a screen where you can obtain legal information about the softwares included with your tablet.

■ Model number

Display the model number of your tablet.

■ Android™ version

Display the current version of Android installed on your tablet.

■ Kernel version

Display the kernel version.

- **Baseband version**

Display the baseband version.



This function is only supported by 3G models.

- **Build number**

Display the build number.

Chapter 7

Optional Accessories

Optional devices can expand the tablet's capability and its versatility. This section describes the connection or installation of the following devices:

Cards

- Memory media slot
 - Secure Digital™ (SD) Card (microSD/SDHC/SDXC card)
- SIM card

Peripheral devices

- USB device
- HDMI device
- wireless display

Memory media slot

The tablet is equipped with a Memory media slot that can accommodate some kinds of memory media with various memory capacities so that you can easily transfer data from devices, such as digital cameras and Personal Digital Assistants.



- *This Memory media slot supports the following memory media:*
 - *Secure Digital (SD) Card (microSD/SDHC/SDXC Card).*
- *Please note that not all memory media have been tested and verified to work correctly. Therefore, it is not possible to guarantee that all memory media can operate properly.*

Memory media

This section provides the important safety precautions in order to handle your memory media.

Points to note about microSD/SDHC/SDXC memory cards

micro SD/SDHC/SDXC memory cards comply with SDMI (Secure Digital Music Initiative), which is a technology adopted to prevent unlawful copy or playback of digital music. For this reason, you cannot copy or playback protected material on other device, and you may not reproduce any copyrighted material except for your personal enjoyment.

The supported maximum capacity of memory card is 128GB.

Memory media format

New media cards are formatted according to specific standards. If you wish to reformat a media card, be sure to do so with a device that uses media cards.

Formatting microSD/SDHC/SDXC memory cards

microSD/SDHC/SDXC memory cards are sold already formatted in conformity to specific standards. If you reformat an microSD/SDHC/SDXC memory card, be sure to reformat it with a device such as digital camera or digital audio player that uses microSD/SDHC/SDXC memory cards, not with the format command provided within Windows.



To format all areas of the memory card, including the protected area, you must need to obtain an appropriate application that applies the copy protection system.

Media care

Observe the following precautions when handling the card.

- Do not twist or bend cards.
- Do not expose cards to liquids or store in humid areas or lay media close to containers of liquid.
- Do not touch the metal part of a card or expose it to liquids or let it get dirty.
- After using card, return it to its case.
- The card is designed so that it can be inserted only one way. Do not try to force the card into the slot.
- Do not leave a card partially inserted in the slot. Press the card until you hear it click into place.
- Memory cards have a limited lifespan, so it is important to backup important data.
- Do not write to a card if the battery power is low. Low power could affect writing accuracy.
- Do not remove a card while read/write is in progress.



For more details on using memory cards, see manuals accompanying the cards.

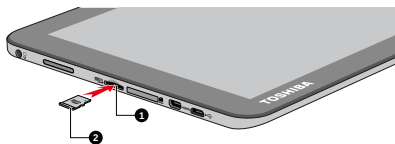
Inserting a memory media

The following instructions apply to all types of supported media devices. Follow the steps described below to insert a memory media card:

1. Turn the memory media so that the contacts (metal areas) are facing down.
2. Insert the memory media into the memory media slot on the tablet.

3. Push the memory media gently until you hear a click.

Figure 7-1 Inserting a memory media



1. Memory media slot

2. Memory media



- Make sure that memory media is oriented properly before you insert it. If you insert the media in wrong direction, you might not be able to remove it.
- When inserting memory media, do not touch the metal contacts. You could expose the storage area to static electricity, which can destroy data.
- Do not turn the tablet off nor switch to Sleep Mode while files are being copied. Failure to do so can cause data loss.

Removing a memory media

The following instructions apply to all types of supported media devices. To remove a memory media, follow the steps as detailed below:

1. Make sure all file operations are finished.
2. Tap **All Apps -> Settings -> Storage -> Unmount SD card**.
3. Push the memory media until you hear a click to partially release it.
4. Grasp it and pull it out of the slot.



Do not remove the memory media while the tablet is in Sleep mode. The tablet could become unstable or data in the memory media could be lost.

SIM card slot

Some models are equipped with a SIM card slot that allows you to assemble a SIM card from your wireless service provider to use your provider's mobile networks for transmitting data.



This section only applies to models with 3G modules.

Inserting a SIM card

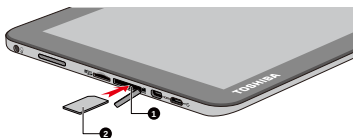
This section explains how to insert a SIM card:



Do not carry out the following operations when the tablet is powered on, otherwise the SIM card may be damaged.

1. Turn the SIM card so that the contacts (metal areas) are facing up.
2. Remove the slot cover and insert the SIM card into the SIM card slot on the tablet and push it until you hear a click.

Figure 7-2 Inserting a SIM card



1. SIM card slot

2. SIM card

Now you can power on your tablet to use your provider's mobile networks.



Please always keep a minimum of 1.5cm distance away from the antennas area during operation.

Removing a SIM card

To remove a SIM card, follow the steps as detailed below:



Do not carry out the following operations when the tablet is powered on, otherwise the SIM card may be damaged. Damage may also happen to the tablet.

1. Remove the slot cover and push the SIM card until you hear a click to partially release it.
2. Grasp it and pull it out of the slot.

USB device

This tablet is equipped with a Micro-USB port supporting USB host function. This allows you to connect the following USB devices to the tablet: USB flash drives, USB HDDs (only FAT file system), USB Hubs powered by an AC adapter, game controllers and other USB accessories for Android-powered devices. This port complies with USB 2.0 standard.



Support of HID's (Keyboards and Mouse) connection will only be available by the latest software. Please upgrade the software to the latest version after your purchase of the tablet.

To connect a USB device, you must purchase a Micro A plug - A receptacle cable. This item is available from your reseller or TOSHIBA dealer.



Make sure the connector is properly aligned with the socket. Do not try to force the connection, doing so can damage the connecting pins.



- *This tablet does not support a printer.*
- *As the port operation of all USB devices has not been confirmed, some USB devices may not function properly.*

HDMI device

The tablet is equipped with a Micro-HDMI port that can send video by connecting with external devices. Your tablet supports 1080p and 720p signal formats. The available **format** depends on the HDMI device that you are connected to.

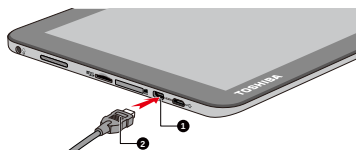
To connect external devices, follow the steps as detailed below:



As the port operation of all HDMI (High-Definition Multimedia Interface) display devices have not been confirmed, some HDMI display devices may not function properly.

1. Plug Type D connector of the HDMI cable into the Micro-HDMI port on your tablet.
2. Plug the other end of the HDMI cable into the HDMI port of the HDMI device.

Figure 7-3 Connecting an HDMI cable



1. Micro-HDMI port

2. Micro-HDMI (Type D) connector



- *Please do not plug/unplug an HDMI device when the tablet is in Sleep Mode.*
- *When you connect a television or external monitor to the HDMI port, make sure the display output device is set to HDMI.*
- *When you unplug the HDMI cable and re-plug it, please wait at least 5 seconds before you re-plug the HDMI cable.*

Wireless display

Your tablet supports wireless display that is a function to allow the tablet to be wirelessly connected to external displays that support Miracast™. With

wireless display, your tablet screen will appear on the external display without connecting any cable.



- *Wireless display function is a new innovative function, and TOSHIBA has not confirmed compatibility of your tablet with any and all display devices. Contact Toshiba technical support provided in Chapter 8 for more information.*
- *If you should experience any loss of your wireless display connection, immediately restart both your tablet and display device.*
- *The wireless display function will vary depending on surrounding electromagnetic environment. You may occasionally experience wireless display connection failure, display glitches, or even lose your wireless display connection.*
- *Even when your tablet is in sleep mode, your wireless display connection will not disconnect and you may incur significant and unintentional battery drain. To avoid this, always disconnect from your display device when you finished your using or watching display device.*

Turning wireless display on or off

1. Tap **All Apps -> Settings -> Display -> Cast screen**.
2. Tap the **Menu** icon () to select **Enable Wireless display**.

Connecting your tablet with a wireless display

You can connect a display wirelessly by the following steps:

1. Make sure that the wireless display is turned on on your tablet.
Your tablet will scan for and display the names of all available displays in range. If the display you want to connect with is not included in the list, make it discoverable. See the documentation that came with your display to learn how to make it discoverable by your tablet, and for other instructions for connecting.
2. Tap on the name of the display in the list to connect it.

Wireless display options

Tap the icon (), the following options are available for paired display devices.

- Tap **Forget** to disconnect and remove it from the paired list.
- Type a new name and tap **Done** to rename the paired display.

Disconnecting your tablet with a wireless display

You can disconnect your tablet with a wireless display by any of the following ways:

- Tap on the name of the display in the list to disconnect it.

-
- Tap on the Disconnect button icon () in notification panel.

Optional TOSHIBA Accessories

To make your computer even more powerful and convenient to use, you can add a number of options and accessories. For reference, the following list details some of the items that are available from your reseller or TOSHIBA dealer:

AC Adaptor	If you frequently use your tablet at more than one site, it may be convenient to purchase an additional AC adaptor to be kept at each site.
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Chapter 8

Troubleshooting

TOSHIBA have designed this tablet for durability, however, if problems occur you are able to use the procedures detailed in this chapter to help determine the cause.

You should become familiar with this chapter as knowing what might go wrong can help prevent problems from occurring in the first place.

Problem-solving process

If you observe the following guidelines, resolving problems will be much easier.

- Stop immediately when you recognize a problem exists as taking further action may result in data loss or damage, or you may destroy valuable problem related information that can help solve the problem.
- Observe what is happening - write down what the system is doing and what actions you performed immediately before the problem occurred. Make a screenshot of the current display.

Please also be aware that the questions and procedures described in this chapter are meant only as a guide, they are not definitive problem solving techniques. In reality many problems can be solved simply, but a few may require help from TOSHIBA Support - if you find you need to consult others, be prepared to describe the problem in as much detail as possible.

Preliminary checklist

You should always consider the simplest solution first - the items detailed in this checklist shall provide easy fixes for issues which appear to be serious problems.

- Make sure you turn on all peripheral devices before you turn on the tablet.
- Before you attach an external device you should first turn the tablet off, then when you turn the tablet back on again it will recognize the new device.
- Make sure all optional accessories are configured properly in the tablet's setup program and that all required driver software has been loaded (refer to the documentation included with the optional accessories for further information on its installation and configuration).
- Check all cables to ensure they are correctly and firmly attached to the tablet - loose cables can cause signal errors.

-
- Inspect all connecting cables for loose wires and all connectors for loose pins.

Always try to make detailed notes of your observations and keep them in a permanent error log - this will help you to describe your problems to TOSHIBA Support. In addition, if a problem recurs, the log you have made will help to identify the problem faster.

Hardware and system checklist

This section discusses problems caused by your tablet's hardware or attached peripherals. Basic problems may occur in the following areas:

- Internal display panel
- Memory Media Card
- Wireless LAN
- Sound system
- USB device
- Bluetooth

Internal display panel

Apparent tablet's display panel problems may be related to the tablet's setup and configuration.

Problem	Procedure
Problems above remain unresolved or other problems occur	You should initially refer to the documentation supplied to you with the software to understand the cause of the problems. If you are still unable to resolve the problem, contact your reseller, dealer or service provider.

Memory Media Card

Problem	Procedure
Memory media card error occurs	Unmount memory media card by tapping All Apps -> Settings -> Device -> Storage and then insert memory media card once again. If the problem exist, remove the memory media card from the tablet and then reinsert it in order to ensure it is firmly connected. If the problem persists, then you should refer to the documentation supplied with your memory media card for further information.

Problem	Procedure
You cannot read a file	Check to ensure the required file is actually on the memory media card that is inserted into the tablet. If you are still unable to resolve the problem, contact TOSHIBA Support.

USB device

In addition to the information in this section, please also refer to the documentation supplied with your USB device.

Problem	Procedure
USB device does not work	Remove the USB device from the convert cable and reconnect it to ensure it is firmly attached.

Sound system

In addition to the information in this section, please also refer to the documentation supplied with your audio device.

Problem	Procedure
No sound is heard	Adjust the volume. Check the software volume settings. Check to see if system sound is muted. Check to make sure the headphone connection is secure.

Wireless LAN

If the following procedures do not restore LAN access, consult your LAN administrator.

Problem	Procedure
Cannot access Wireless LAN	Make sure the tablet's Wireless communication function is on. If problems persist, contact your LAN administrator.

Bluetooth

Problem	Procedure
Cannot access Bluetooth device	Check to ensure the tablet's Bluetooth functionality is set to on in All Apps -> Settings -> Wireless & networks -> Bluetooth .

TOSHIBA Support

If you require any additional help using your tablet or if you are having problems operating the tablet, you may need to contact TOSHIBA for additional technical assistance.

Before you call

Some problems you experience may be related to software or the operating system so it is important that you investigate other sources of assistance first. Before contacting TOSHIBA, try the following:

- Review troubleshooting sections in the documentation supplied with your software and/or peripheral devices.
- If a problem occurs when you are running software applications, consult the software documentation for troubleshooting suggestions and consider calling the software company's technical support department for assistance.
- Consult the reseller or dealer from where you purchased your tablet and/or software - they are your best resource for current information and support.

TOSHIBA technical support

If you are still unable to solve the problem and suspect that it is hardware related, visit TOSHIBA technical support website <http://www.toshiba.co.jp/worldwide/>.

Chapter 9

Specifications

This chapter summarizes the tablet's technical specifications.

Physical Dimensions

Size	Approximately 259.4 (w) x 171.4 (d) x 10 (h) millimeters (not including parts that extend beyond the main body).
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Environmental Requirements

Conditions	Ambient temperature	Relative humidity
Operating	5°C (41°F) to 35°C (95°F)	20% to 90% (noncondensing)
Non-operating	-20°C (-4°F) to 60°C (140°F)	10% to 95% (noncondensing)
Wet-bulb temperature	29°C maximum	

Conditions	Altitude (from sea level)
Operating	0 to 6,561 feet (2,000 meters)
Non-operating	0 to 40,000 feet (12,192 meters)

Power Requirements

AC adaptor	100-240V AC 50 Hz or 60 Hz (cycles per second)
Tablet	5V DC

Chapter 10

Information for Wireless Devices

Wireless Technology Interoperability

The Wireless LAN is compatible with other LAN systems Direct Sequence Spread Spectrum (DSSS) /Orthogonal Frequency Division Multiplexing (OFDM) radio technology, and is compliant to:

- The IEEE 802.11 Standard on Wireless LANs (Revision a/b/g/n, b/g/n or ac/a/b/g/n), as defined and approved by the Institute of Electrical and Electronics Engineers.
- The Wireless Fidelity (Wi-Fi®) certification as defined by the Wi-Fi Alliance®.

TOSHIBA does not guarantee compatibility of this device with all equipment using Bluetooth wireless technology.

This device is designed to be interoperable with any product with Bluetooth wireless technology that is based on Frequency Hopping Spread Spectrum (FHSS) radio technology, and is compliant to:

- Bluetooth Specification (depending on the model you purchased), as defined and approved by the Bluetooth Special Interest Group.
- Logo certification with Bluetooth wireless technology as defined by the Bluetooth Special interest Group.

CAUTION about Wireless Devices



The wireless devices have not completed verification of connection and operation with all devices which are using the Wireless LAN or Bluetooth radio technology.

Bluetooth and Wireless LAN devices operate within the same radio frequency range and might interfere with one another. If you use Bluetooth and Wireless LAN devices simultaneously, you might occasionally experience a less than optimal network performance or even lose your network connection.

If you experience any such problem, immediately turn off either one of your Bluetooth or Wireless LAN.

If you have any questions about using Wireless LAN or Bluetooth Module, visit <http://www.pc.support.global.toshiba.com>.

In Europe visit <http://www.toshiba-europe.com/computers/tnt/bluetooth.htm>

This Bluetooth product is not compatible with devices using Bluetooth Version 1.0B specifications.

Wireless Devices and your health

Wireless products, like other radio devices, emit radio frequency electromagnetic energy. The level of energy emitted by wireless products however is far much less than the electromagnetic energy emitted by wireless devices like for example mobile phones.

Because wireless products operate within the guidelines found in radio frequency safety standards and recommendations, TOSHIBA believes Wireless products is safe for use by consumers. These standards and recommendations reflect the consensus of the scientific community and result from deliberations of panels and committees of scientists who continually review and interpret the extensive research literature.

In some situations or environments, the use of wireless products may be restricted by the proprietor of the building or responsible representatives of the organization. These situations may for example include:

- Using the wireless products on board of airplanes, or
- In any other environment where the risk of interference to other devices or services is perceived or identified as harmful.

If you are uncertain of the policy that applies on the use of wireless devices in a specific organization or environment (for example, airports), you are encouraged to ask for authorization to use the wireless device prior to turning on the equipment.

Radio Regulatory Information

The wireless device must be installed and used in strict accordance with the manufacturer's instructions as described in the user documentation that comes with the product. This product complies with the following radio frequency and safety standards.

Europe

Restrictions for Use of 2400.0-2483.5MHz Frequencies in Europe

France:	Outdoor use limited to 10mW e.i.r.p. within the band 2454-2483.5MHz	Military Radiolocation use. Refarming of the 2.4GHz band has been ongoing in recent years to allow current relaxed regulation Full implementation planned in 2012.
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Italy:	-	For private use, a general authorization is required if WAS/ RLAN's are used outside own premises. For public use, a general authorization is required.
Luxembourg:	Implemented	General authorization required for network and service supply.
Norway:	Implemented	This subsection does not apply for the geographical area within a radius of 20 km from the centre of Ny-Alesund.
Russian Federation:	-	Only for indoor applications.

Restrictions for Use of 5150-5350MHz Frequencies in Europe

Italy:	-	For private use, a general authorization is required if WAS/ RLAN's are used outside own premises.
Luxembourg:	Implemented	General authorization required for network and service supply.
Russian Federation:	Limited	e.i.r.p 100mW. Permitted to use only for indoor applications, closed industrial and warehouse areas, and on board aircraft. 1. Permitted to use for local networks of aircraft crew service communications on board aircraft in area of the airport and at all stages of flight. 2. Permitted to use for public wireless access local networks on board aircraft during a flight at the altitude not less than 3000m.

Restrictions for Use of 5470-5725MHz Frequencies in Europe

Italy:	-	For private use, a general authorization is required if WAS/ RLAN's are used outside own premises.
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Luxembourg:	Implemented	General authorization required for network and service supply
Russian Federation:	Limited	e.i.r.p 100mW. Permitted to use only for indoor applications, closed industrial and warehouse areas, and on board aircraft. 1. Permitted to use for local networks of aircraft crew service communications on board aircraft in area of the airport and at all stages of flight. 2. Permitted to use for public wireless access local networks on board aircraft during a flight at the altitude not less than 3000m.

To remain in conformance with European spectrum usage laws for Wireless LAN operation, the above 2.4GHz and 5GHz channel limitations apply for outdoor usage. The user should use the wireless LAN utility to check the current channel of operation. If operation is occurring outside of the allowable frequencies for outdoor use, as listed above, the user must contact the applicable national spectrum regulator to request a license for outdoor operation.

Canada - Industry Canada (IC)

This device complies with RSS 210 of Industry Canada.

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 this device.

Ce dispositif est conforme à la norme CNR-210 d'Industrie Canada applicable aux appareils radio exempts de licence. Son fonctionnement est sujet aux deux conditions suivantes: (1) le dispositif ne doit pas produire de brouillage préjudiciable, et (2) ce dispositif doit accepter tout brouillage reçu, y compris un brouillage susceptible de provoquer un fonctionnement indésirable.

Les dispositifs fonctionnant dans la bande 5.15-5.25GHz sont réservés uniquement pour une utilisation à l'intérieur afin de réduire les risques de brouillage préjudiciable aux systèmes de satellites mobiles utilisant les mêmes canaux.

Les utilisateurs devraient aussi être avisés que les utilisateurs de radars de haute puissance sont désignés utilisateurs principaux (c.-à-d., qu'ils ont la priorité) pour les bandes 5.25-5.35GHz et 5.65-5.85GHz et que ces radars

pourraient causer du brouillage et/ou des dommages aux dispositifs LAN-EL.

The term “IC” before the equipment certification number only signifies that the Industry Canada technical specifications were met.

USA-Federal Communications Commission (FCC)

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

Refer to the FCC information section for the detailed information.

Caution: Exposure to Radio Frequency Radiation

The radiated output power of the wireless device is far below the FCC radio frequency exposure limits. Nevertheless, the wireless device shall be used in such a manner that the potential for human contact during normal operation is minimized.

In the usual operating configuration, the distance between the antenna and the user should not be less than 20 cm. Refer to the tablet user's manual for the details regarding antenna location.

The installer of this radio equipment must ensure that the antenna is located or pointed in such a way that it does not emit RF field in excess of Health Canada limits for the general population; consult Safety Code 6, obtainable from Health Canada's website www.hc-sc.gc.ca

Caution: Radio Frequency Interference Requirements

This device is restricted to indoor use due to its operation in the 5.15 to 5.25GHz frequency range.

High-power radars are allocated as primary users (that is, priority users) of the bands 5.25 GHz to 5.35 GHz and 5.65 GHz to 5.85 GHz and that these radars could cause interference and/or damage to LE-LAN devices.

Taiwan

Article 12

Without permission granted by the NCC, any company, enterprise, or user is not allowed to change frequency, enhance transmitting power or alter original characteristic as well as performance to an approved low power radio frequency devices.

Article 14

The low power radio-frequency devices shall not influence aircraft security and interfere legal communications;

If found, the user shall cease operating immediately until no interference is achieved.

The said legal communications means radio communications is operated in compliance with the Telecommunications Act.

The low power radio-frequency devices must be susceptible with the interference from legal communications or ISM radio wave radiated devices.

Using this equipment in Japan

In Japan, the frequency bandwidth of 2,400 MHz to 2,483.5 MHz for second-generation low-power data communication systems such as this equipment overlaps with that of mobile object identification systems (premises radio station and specified low-power radio station).

1. Important notice

The frequency bandwidth of this equipment may operate within the same range as industrial devices, scientific devices, medical devices, microwave ovens, licensed radio stations and non-licensed specified low-power radio stations for mobile object identification systems (RFID) used in factory production lines (Other Radio Stations).

1. Before using this equipment, ensure that it does not interfere with any of the equipment listed above.
2. If this equipment causes RF interference to other radio stations, promptly change the frequency being used, change the location of use, or turn off the source of emissions.
3. Contact an authorized TOSHIBA service provider if you have problems with interference caused by this product to Other Radio Stations.

2. Indication for Wireless LAN

The indication shown below appears on this equipment.



1. 2.4 : This equipment uses a frequency of 2.4GHz.
2. DS : This equipment uses DS-SS modulation.
3. OF : This equipment uses OFDM modulation.
4. 4 : The interference range of this equipment is less than 40m.

5. ■■■ : This equipment uses a frequency bandwidth from 2,400MHz to 2,483.5MHz. It is possible to avoid the band of mobile object identification systems.

3. Indication for Bluetooth

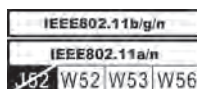
The indication shown below appears on this equipment.



1. 2.4 : This equipment uses a frequency of 2.4 GHz.
2. FH : This equipment uses FH-SS modulation.
3. 1 : The interference range of this equipment is less than 10 m.
4. ■■■ : This equipment uses a frequency bandwidth from 2,400 MHz to 2,483.5 MHz. It is impossible to avoid the band of mobile object identification systems.

4. About the JEITA

5GHz Wireless LAN supports W52/W53/W56 Channel.



Device Authorization

This device obtains the Technical Regulation Conformity Certification and it belongs to the device class of radio equipment of low-power data communication system radio station stipulated in the Telecommunications Business Law of Japan.

- Realtek® RTL8723BS 802.11n Wireless LAN and bluetooth

The Name of the radio equipment: RTL8723BS

DSP Research, Inc.

Approval Number: D140012018

The following restrictions apply:

- Do not disassemble or modify the device.
- Do not install the embedded wireless module into other device.

Radio approvals for wireless devices

Approved Countries/Regions

This equipment is approved to the radio standard by the countries/regions in the following table.



If you use this equipment in the countries/regions which are not listed in the table below, contact TOSHIBA Support.

As of October 2014

Austria	Belgium	Bulgaria	Canada
Cyprus	Czech Rep	Denmark	Estonia
Finland	France	Germany	Greece
Hong Kong	Hungary	Iceland	India
Indonesia	Ireland	Italy	Japan
Korea	Latvia	Liechtenstein	Lithuania
Luxemburg	Malta	Monaco	Netherlands
Norway	Philippines	Poland	Portugal
Romania	Slovak Republic	Slovenia	Spain
Sweden	Switzerland	UK	USA