

TOSHIBA

Leading Innovation >>>

User's Manual

WT10PE-A

WT8PE-B

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Chapter 1

TOSHIBA Legal, Regulatory and Safety

This chapter states the Legal, regulatory and safety information applicable to TOSHIBA computers.

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Regulatory Information

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 computer's Micro HDMI port, Universal Serial Bus (USB 2.0 and 3.0) ports and Headphone/Microphone 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

Telephone: (949) 583-3000



This information is only applicable for the countries/regions where it is required.

EU Declaration of Conformity



This product is carrying the CE-Mark in accordance 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.

CE compliance

This product is labeled with the CE Mark in accordance with the applicable European Directives, notably RoHS Directive 2011/65/EU, Radio Equipment and Telecommunications Terminal Directive 1999/5/EC, Ecodesign Directive 2009/125/EC (ErP) and the related implementing measures.

This product and the original options are designed to observe the related EMC (Electromagnetic Compatibility) and safety standards. However, TOSHIBA cannot guarantee that this product still observes these EMC standards if options or cables not produced by TOSHIBA are connected or implemented. In this case the persons who have connected/implemented those options/cables have to provide assurance that the system (PC plus options/cables) still fulfils the required standards. To avoid general EMC problems, the following guidance should be noted:

- Only CE marked options should be connected/implemented
- Only best shielded cables should be connected

Working environment

This product was designed to fulfil the EMC (Electromagnetic Compatibility) requirements to be observed for so-called “Residential, commercial and light industry environments”. TOSHIBA do not approve the use of this product in working environments other than the above mentioned “Residential, commercial and light industry environments”.

For example, the following environments are not approved:

- Industrial Environments (e.g. environments where a mains voltage of 380 V three-phase is used)
- Medical Environments
- Automotive Environments
- Aircraft Environments

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- Malfunction of, or data loss from, this product caused by disturbances generated by other devices or machines in the near surrounding area.

Therefore TOSHIBA strongly recommend that the electromagnetic compatibility of this product should be suitably tested in all non-approved working environments before use. In the case of automobiles or aircraft, the manufacturer or airline respectively should be asked for permission before use of this product.

Furthermore, for general safety reasons, the use of this product in environments with explosive atmospheres is not permitted.

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VCCI - B

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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.

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 the 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

(www.toshiba.eu/recycling) or contact your local council office or the retail outlet where you purchased the product.

Disposal of batteries and/or accumulators



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 European Battery Directive, 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 the 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. To achieve this you should take any battery and/or accumulator to your local recycling site, or to a retail outlet or facility that offers to collect these devices for environmentally friendly disposal, ensuring that the terminal contacts are covered by non-conductive tape.

For more detailed information about the collection and recycling programmes available in your country, please visit our website

(www.toshiba.eu/recycling) or contact your local council office or the retail outlet where you purchased the product.



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

REACH - Compliance Statement

The European Union (EU) chemical regulation, REACH (Registration, Evaluation, Authorization and Restriction of Chemicals), entered into force on 1 June 2007, with phased deadlines to 2018.

Toshiba will meet all REACH requirements and is committed to provide our customers with information about the presence in our articles of substances included on the candidate list according to REACH regulation.

Please consult the following website

www.toshiba.eu/reach for information about the presence in our articles of substances included on the candidate list according to REACH in a concentration above 0.1 % weight by weight.

Following information is only for Turkey:

- Disposal of products:



The crossed wheellie bin symbol means that this product should not be collected and disposed with other household wastes. When product become waste at the end-of-life, to protect environment and human health, it should be given to nearest collection recycling or disposal center. For more information about collection and recycling programs in your country please contact your local authority or the retailer where the product was purchased.

- Toshiba meets all requirements of Turkish regulation 28300 "Restriction of the use of certain hazardous substances in electrical and electronic equipment".

AEEE Yönetmeliğine Uygundur

Toshiba 28300 sayılı Türkiye "Elektrikle çalışan ve elektronik ekipmanda belirli tehlikeli maddelerin kullanımıyla ilgili kısıtlama" yönetmeliği gereklerini tamamen yerine getirmektedir

- 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 computer. 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.

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

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- freetype@nongnu.org

Discusses general use and applications of FreeType, as well as future and wanted additions to the library and distribution. If you are looking for support, start in this list if you haven't found anything to help you in the documentation.

- freetype-devel@nongnu.org

Discusses bugs, as well as engine internals, design issues, specific licenses, porting, etc.

Our home page can be found at

<http://www.freetype.org>

ENERGY STAR® Program



Your Computer model may be ENERGY STAR® compliant. If the model you purchased is compliant, it is labeled with the ENERGY STAR logo on the computer and the following information applies.

TOSHIBA is a partner in the ENERGY STAR Program and has designed this computer to meet the latest ENERGY STAR guidelines for energy efficiency. Your computer ships with the power management options preset to a configuration that will provide the most stable operating environment and optimum system performance for both AC power and battery modes.

To conserve energy, your computer is set to enter the low-power Sleep Mode which shuts down the system and display within 15 minutes of inactivity in AC power mode.

TOSHIBA recommends that you leave this and other energy saving features active, so that your computer will operate at its maximum energy efficiency. You can wake the computer from Sleep Mode by pressing the power button.

Your ENERGY STAR certified computer should be set by default to enter a low-power "sleep mode" after a period of inactivity. Simply touching the mouse or keyboard "wakes" the computer in seconds. These sleep features can save you up to \$23 per year (200 kWh per year in electricity) and prevent up to 300 pounds of greenhouse gas emissions annually. To learn how to adjust or activate these sleep settings on your computer, please go to:

www.energystar.gov/sleepinstructions

To activate sleep settings organization-wide quickly and easily through network tools, please go to

www.energystar.gov/powermanagement

Disposing of the computer and the computer's batteries

The computer's battery is not user-accessible. Contact an authorized TOSHIBA service provider for details regarding how to dispose of the computer and the batteries.

General Precautions

TOSHIBA computers are designed to optimize safety, minimize strain and withstand the rigors of portability. However, certain precautions should be

observed to further reduce the risk of personal injury or damage to the computer.

Be certain to read the general precautions below and to note the cautions included in the text of the manual.

Provide adequate ventilation

Always make sure your computer and AC adaptor have adequate ventilation and are protected from overheating when the power is turned on or when an AC adaptor is connected to a power outlet (even if your computer is in Sleep Mode). In this condition, observe the following:

- Never cover your computer or AC adaptor with any object.
- Never place your computer or AC adaptor near a heat source, such as an electric blanket or heater.
- Always provide sufficient space around the computer.

Overheating your computer or AC adaptor could cause system failure, computer or AC adaptor damage or a fire, possibly resulting in serious injury.

Creating a computer-friendly environment

To keep your computer in prime operating condition, protect your work area from:

- Dust, moisture, and direct sunlight.
- Equipment that generates a strong electromagnetic field, such as stereo speakers (other than speakers that are connected to the computer) or speakerphones.
- Rapid changes in temperature or humidity and sources of temperature change such as air conditioner vents or heaters.
- Extreme heat, cold, or humidity.
- Liquids and corrosive chemicals.

Stress injury

Carefully read the *Instruction Manual for Safety and Comfort*. It contains information on the prevention of stress injuries to your hands and wrists that can be caused by extensive keyboard use. It also includes information on work space design, posture and lighting that can help reduce physical stress.

Heat injury

- Avoid prolonged physical contact with the computer. If the computer is used for long periods, its surface can become very warm. While the temperature will not feel hot to the touch, if you maintain physical contact with the computer for a long time, for example if you rest the computer on your lap or if you keep your hands on the palm rest, your skin might suffer a low-heat injury.

-
- If the computer has been used for a long time, avoid direct contact with the metal plate supporting the various interface ports as this can become hot.
 - The surface of the AC adaptor can become hot when in use but this condition does not indicate a malfunction. If you need to transport the AC adaptor, you should disconnect it and let it cool before moving it.
 - Do not lay the AC adaptor on a material that is sensitive to heat as the material could become damaged.

Pressure or impact damage

Do not apply heavy pressure to the computer or subject it to any form of strong impact as this can damage the computer's components or otherwise cause it to malfunction.

Cleaning the computer

To help ensure long, trouble-free operation, keep the computer free of dust and dirt, and use care with all liquids around it.

- Be careful not to spill liquids into the computer. If the computer does get wet, turn the power off immediately and let the computer dry completely - in these circumstances you should get the computer inspected by an authorized service provider in order to assess the scope of any damage.
- Clean the plastics of the computer using a slightly water dampened cloth.
- You can clean the display screen by spraying a small amount of glass cleaner onto a soft, clean cloth and then wiping the screen gently with the cloth.



Never spray cleaner directly onto the computer or let liquid run into any part of it. Never use harsh or caustic chemical products to clean the computer.

Moving the computer

While the computer is designed for flexible day-to-day usage you should exercise a few simple precautions when moving it in order to help ensure trouble-free operation.

- Make sure all disk activity has ended before moving the computer.
- Turn off (shut down) the computer.
- Disconnect the AC adaptor and all peripherals before moving the computer.
- Before carrying your computer, shut it down, disconnect the AC adaptor and allow it to cool down - a failure to follow this instruction may result in minor heat injury.

-
- Be careful not to subject the computer to impact or shock - a failure to follow this instruction could result in damage to computer, computer failure or loss of data.
 - Never transport your computer with any cards installed - this may cause damage to either the computer and/or the card resulting in computer failure.
 - Always use a suitable carry case when transporting the computer.
 - When carrying your computer, be sure to hold it securely so that it does not fall or hit anything.
 - Do not carry your computer by holding any of its protruding elements.

Mobile phones

Please be aware that the use of mobile phones can interfere with the audio system. The operation of the computer will not be impaired in any way, but it is recommended that a minimum distance of 30cm is maintained between the computer and a mobile phone that is in use.

Instruction Manual for Safety and Comfort

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

Safety Icons

Safety icons are used in this manual to bring important information to your attention. Each type of message is identified as shown below.



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



A caution informs you that improper use of equipment or failure to follow instructions may cause data loss, equipment damage, or may result in minor or moderate injury.



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

Chapter 2

Getting Started

This chapter provides an equipment checklist, and basic information to start using your tablet.



- *Some of the features described in this manual may not function properly if you use an operating system that was not pre-installed by TOSHIBA.*
- *In this manual, both words "tablet" and "computer" refer to the TOSHIBA tablet.*

Equipment checklist

Carefully unpack your tablet, taking care to save the box and packaging materials for future use.

Hardware

Check to make sure you have all the following items:

- TOSHIBA Tablet
- TOSHIBA Bluetooth Keyboard for Encore 2 (Only provided with some models of TOSHIBA WT10-A)
- Stylus Pen
- USB Data and Charge Y-Cable (provided with some models)
- Micro-USB cable
- AC adaptor and power cord (2-pin plug or 3-pin plug)





Documentation

- User Information Guide
- Instruction Manual for Safety and Comfort

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

Conventions

This manual uses the following formats to describe, identify, and highlight terms and operating procedures.

| | |
|-------------------------|--|
| Internal storage | Your tablet is equipped with an eMMC (Embedded Multi Media Card). In this manual, the word "internal storage" refers to the eMMC unless otherwise stated. |
| Charm | By swiping in from the right edge of your screen, you will find a list of charms: Search , Share , Start , Devices and Settings . |
| Desktop | Tap the Desktop tile from the Start screen to access the desktop. |
| Start screen | <p>You can go back to the Start screen from an app or the desktop by the following ways:</p> <ul style="list-style-type: none"> ■ Press the Windows® button () on your tablet. ■ Tap the Start charm. ■ Tap the Start button () in the lower-left corner of the screen (Only on Desktop). <p>For detailed information, please refer to the Windows Help and Support.</p> |
| Apps view | <p>You can find all of your apps including desktop programs in the Apps view.</p> <p>To get to the Apps view:</p> <ul style="list-style-type: none"> ■ Slide up from the middle of the Start screen. ■ Slide leftwards until the  icon appears in the lower-left corner of the Start screen, and then tap . |

Using your tablet for the first time



Be sure to read the enclosed Instruction Manual for Safety and Comfort for information on the safe and proper use of this tablet. It is intended to help you be more comfortable and productive while using a tablet. By following the recommendations in it you may reduce your chance of developing a painful or disabling injury to your hand, arms, shoulders or neck.

This section provides basic information to start using your tablet. It covers the following topics:

- Connecting the AC adaptor
- Turning on the power
- Initial setup



- *Use a virus-check program and make sure it is updated regularly.*

- *Never format storage media without checking its content - formatting destroys all stored data.*
- *It is a good idea to periodically back up the internal storage to external media. General storage media is not durable or stable over long periods of time and under certain conditions may result in data loss.*
- *Before you install a device or application, save any data in memory to the internal storage or other storage media. Failure to do so may result in the loss of data.*

Connecting the AC adaptor

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

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



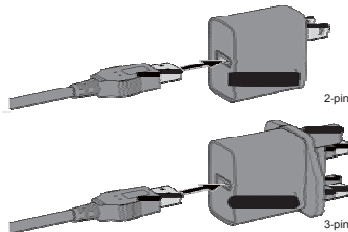
- *Always use the TOSHIBA AC adaptor that was included with your tablet, or use AC adaptors specified by TOSHIBA to avoid any risk of fire or other damage to the tablet. Use of an incompatible AC adaptor could cause fire or damage to the tablet possibly resulting in serious injury. TOSHIBA assumes no 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.*
- *Always use or purchase power cables that comply with the legal voltage and frequency specifications and requirements in the country of use. Failure to do so could result in a fire or electric shock, possibly resulting in serious injury.*
- *The supplied power cord conforms to safety rules and regulations in the region the tablet is bought and should not be used outside this region. For use in other regions, please buy power cords that conform to safety rules and regulations in the particular region.*
- *Do not use a 3-pin to 2-pin conversion plug.*

- *When you connect the AC adaptor to the tablet, always follow the steps in the exact order as described in this User's Manual. Connecting the power cable to a live electrical outlet should be the last step otherwise the adaptor DC output plug 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 AC adaptor's surface 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.*

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

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

Figure 2-1 Plugging the Micro-USB cable into the AC adaptor



Either a 2-pin or 3-pin adaptor will be included with the tablet depending on the model.

2. Plug the other smaller connector of the Micro-USB cable into the Micro-USB port on your tablet.
You can also establish connection through the provided "USB Data and Charge Y-Cable". Please refer to the [USB Device](#) section for more details.

Figure 2-2 Plugging the Micro-USB cable into tablet (TOSHIBA WT10-A)

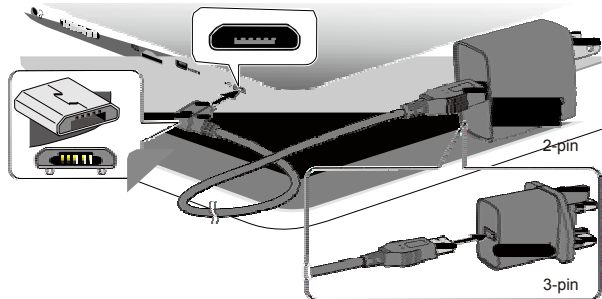
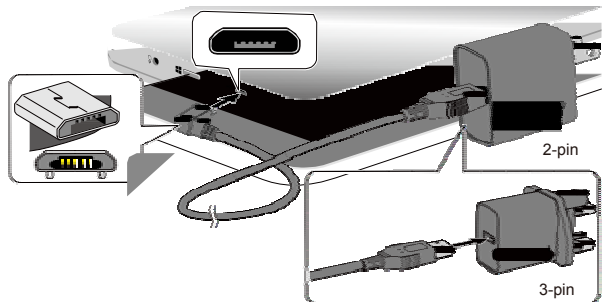


Figure 2-3 Plugging the Micro-USB cable into tablet (TOSHIBA WT8-B)



Product appearance depends on the model you purchased.



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 may result in possible damage to the Micro-USB port.

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

Turning on the power

This section describes how to turn on the power.



- After you turn on the power for the first time, do not turn it off until you have set up the operating system.
- Volume cannot be adjusted during Windows Setup.

- *The tablet can not be powered on by pressing the power button if the battery power is completely exhausted. It is recommended to charge the battery pack by connecting the AC adaptor for 30 minutes before turning on the power.*

Press and hold the power button for 1-10 seconds to turn on the tablet.

Figure 2-4 Turning on the power (TOSHIBA WT10-A)

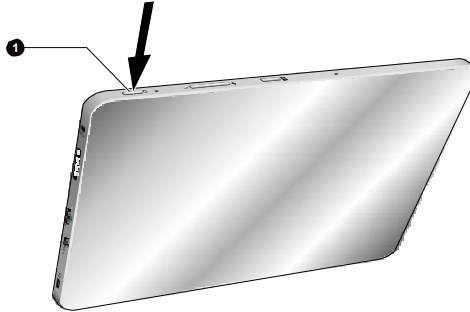
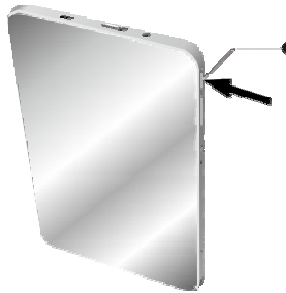


Figure 2-5 Turning on the power (TOSHIBA WT8-B)



1. Power button

Product appearance depends on the model you purchased.

Initial setup

The Windows Startup Screen will be the first screen displayed when you turn on the power. Follow the on-screen instructions on each screen in order to properly install the operating system.



*When it is displayed, be sure to read the **License Terms** carefully.*

Getting to know Windows

For detailed information on what is new and how to operate Windows, please refer to the Windows Help and Support.

Start screen

The Start screen is the launching pad for everything you can do in the Windows operating system, providing new and easy ways to access everything from your favorite apps and Web sites to your contacts and other important information.

From the Start screen, you can just start typing to search for what you want. From there, you can easily switch between results for apps, files, and more.

Charms

Use the Windows charms to start apps, find documents, set up system components, and perform most other computing tasks.

By swiping in from the right edge of your screen, you will find a list of charms: **Search**, **Share**, **Start**, **Devices** and **Settings**.



Search

This charm allows you to search your tablet (apps, settings and files), the web, or within an app. You can also find the **Search** icon on the upper right of the Start screen.



Share

This charm allows you to share items (links, photos, and more).



Start

This charm takes you to the Start screen or, if already on the Start screen, returns you to your last app.



Devices

This charm allows you to manage your hardware.



Settings

This charm allows you to access your tablet's settings (volume, brightness, connecting to the internet, and more).

Tiles

Tiles can be accessed and launched from the Start screen.




Typical Start screen tiles are the Desktop tile and Mail tile, as well as tiles representing all other applications downloaded to your system.

Windows Store

Although many applications will be pre-installed or built-in to your tablet, you will also have the ability to download many other applications.

In the Windows Store you can search for and browse thousands of apps, all grouped into easy to find categories.

Sign-in options

Windows offers a number of sign-in options including **Password** () , **PIN** () and **Picture password** () authentication to prevent from unauthorized access. You are allowed to select an option on the Windows login screen by tapping **sign-in options** if you have multiple sign-in methods set for a user account. Password authentication is the default sign-in option.

Turning off the power

The power can be turned off in one of the following modes, either Shut Down Mode, Sleep Mode or Hibernation Mode.

Shut Down Mode

When you turn off the power in Shut Down Mode, no data will be saved and 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 the internal storage or to other storage media.



- *Never turn off the power while an application is running. Doing so could cause loss of data.*
- *Never turn off the power, disconnect an external storage device or remove storage media during data read/write. Doing so can cause data loss.*
- *In any emergency case, you can also press and hold Power button for about 10 seconds to force power off.*

2. Tap the **Settings** Charm.
3. Tap **Power** and then select **Shut down**. Or press and hold the power button for about 2-10 seconds till the screen shows **Slide to shut down your PC** appears and then slide down the screen to shut down the tablet.
4. Turn off any peripheral devices connected to your tablet.



Do not turn the tablet or peripheral devices back on immediately - wait a short period to avoid any potential damage.

Restarting the tablet

Certain conditions require that you reset the tablet, for example if:

- You change certain tablet settings.

If you need to restart the tablet, tap **Power** and then select **Restart** in the **Settings** charm.

Sleep Mode

If you have to interrupt your work, you are able to turn off the power without exiting from your software by placing the tablet into Sleep Mode. In this mode data is maintained in the tablet's main memory so that when you turn on the power again, you can continue working right where you left off.



Your system supports Connected Standby function, which starts working after your tablet goes into Sleep Mode. Connected Standby function is to provide a constant connectivity while delivering long battery life, and at the same time, some activities are allowed to run to ensure that the supported Connected Standby scenarios (for example, receiving emails, updating tiles alive with fresh content, downloading/uploading a file from/to a website, and playing music) are functioning properly.



When you have to turn off your tablet aboard an aircraft or in places where electronic devices are regulated or controlled, always completely shut down the tablet. This includes turning off any wireless communication functionalities, and cancelling settings that reactivate the tablet automatically, such as a timer recording function. Failure to completely shut down the tablet in this way could allow the operating system to reactivate and run pre-programmed tasks or preserve unsaved data, which could interfere with aviation or other systems, possibly causing serious injury.



- *Before entering Sleep Mode, be sure to save your data.*
- *Do not switch to Sleep Mode while transferring data to external media, such as USB devices, memory media or other external memory devices. Data will be lost.*



- *When the AC adaptor is connected, the tablet will go into Sleep Mode according to the settings in the Power Options (to access it, tap **Desktop Assist** -> **Control Panel** -> **System and Security** -> **Power Options** under **TOSHIBA** group in the Apps view).*
- *To restore the operation of the tablet from Sleep Mode, press the power button.*
- *If the tablet enters Sleep Mode while a network application is active, the application might not be restored when the tablet is next turned on and the system returns from Sleep Mode.*
- *To prevent the tablet from automatically entering Sleep Mode, disable Sleep Mode within the Power Options.*

Benefits of Sleep Mode

The Sleep Mode feature provides the following benefits:

- Restores the previous working environment more rapidly than the Hibernation Mode feature.
- Saves power by shutting down the system when the tablet receives no input or hardware access for the time period set by the System Sleep Mode feature.

Executing Sleep Mode

You can enter Sleep Mode in one of following ways:

- In the **Settings** charm, tap **Power** and then select **Sleep**.
- Press the power button. Please note that this feature must be enabled within the Power Options.

When you turn the power back on, you can continue where you left off when you shut down the tablet.

Sleep Mode limitations

Sleep Mode will not function under the following conditions:

- Power is turned back on immediately after shutting down.
- Memory circuits are exposed to static electricity or electrical noise.

Hibernation Mode

The Hibernation Mode feature saves the contents of memory to the internal storage when the tablet is turned off so that, the next time it is turned on, the previous state is restored. Please note that the Hibernation Mode feature does not save the status of any peripheral devices connected to the tablet.



- *Save your data. While entering Hibernation Mode, the tablet saves the contents of memory to the internal storage. However, for safety sake, it is best to save your data manually.*
- *Data will be lost if you disconnect the AC adaptor before the save is completed.*

Automatic Hibernation Mode

The tablet can be configured to enter Hibernation Mode automatically when battery power is exhausted to the point that tablet operation cannot be continued. This can be specified in the Power Options. In order to define this setting, you can follow the steps as described below:

1. Tap **Desktop Assist -> Control Panel -> System and Security -> Power Options -> Change when the computer sleeps -> Change advanced power settings** under **TOSHIBA** group in the Apps view.

-
2. Tap **Low battery action** or **Critical battery action** under **Battery** and then select **Hibernate** from the list with the condition of **On battery** or **Plugged in**.

Benefits of Hibernation Mode

The Hibernation Mode feature provides the following benefits:

- Saves data to the internal storage when the tablet automatically shuts down because of a low battery condition.
- You can return to your previous working environment immediately when you turn on the tablet.
- Saves power by shutting down the system when the tablet receives no input or hardware access for the time period set by the System Hibernate feature.

Chapter 3

The Grand Tour

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

Legal Footnote (Non-applicable Icons)

For more information regarding Non-applicable Icons, please refer to the [Legal Footnotes](#) section.

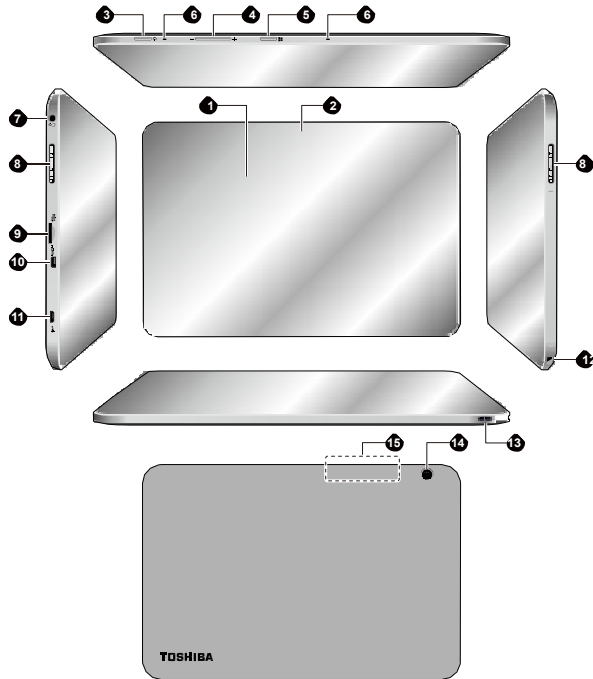


Please handle your tablet carefully to avoid scratching or damaging the surface.

The Grand Tour for TOSHIBA WT10-A

The following figure shows each important component of the tablet.

Figure 3-1 Grand tour of the tablet (TOSHIBA WT10-A)



- | | |
|------------------------------------|---|
| 1. Display screen | 9. Memory media slot |
| 2. Web Camera (front) | 10. Micro HDMI port |
| 3. Power button | 11. Micro-USB port |
| 4. Volume up/down button | 12. Pen hole |
| 5. Windows button | 13. Strap hole for pen |
| 6. Microphones | 14. Web Camera (back) |
| 7. Headphone/Microphone combo jack | 15. Wireless communication antennas (not shown) |
| 8. Speakers | |

Product appearance depends on the model you purchased.

Display screen

25.6cm (10.1") LCD screen, configured with the following resolutions:

- HD, 1280 horizontal x 800 vertical pixels

Please be aware that, when the tablet is operating on the AC adaptor, the image displayed on the internal screen will be somewhat brighter than when it operates on battery power. This difference in brightness levels is intended to save power when operating on battery.

Legal Footnote (LCD)

For more information regarding LCD, please refer to the [Legal Footnotes](#) section.

Web Camera (front)

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 using a communication tool.



- *Do not point the web camera directly at the sun.*
- *Do not touch or press strongly on the web camera lens. Doing so may reduce image quality. Use an eyeglass cleaner (cleaner cloth) or other soft cloth to clean the lens if it becomes dirty.*



Power button

Press and hold this button to turn on/off the tablet.

Volume up/down button

Press the button to increase or decrease the volume.



Windows button

Press this button to open the Start screen or, if already on the Start screen, returns you to your last app.

Microphones

The built-in microphones allow you to import and record sounds for your application - please refer to the [Sound System and Video mode](#) section for more information.



Headphone/ Microphone combo jack

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

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™/SDHC™/SDXC™ memory card. Refer to the [Memory media](#) section for more information.



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.

| | | |
|--|------------------------|---|
|  | Micro HDMI port | <p>The micro HDMI port can connect to HDMI cable with Type D connector.</p> <p>An HDMI cable sends video and audio signals.</p> |
|--|------------------------|---|

| | | |
|---|-----------------------|---|
|  | Micro-USB port | <p>The tablet acts as a host via this port. When acting as a host, the tablet can fast and directly communicate with other client devices without the assistance of a computer.</p> <p>Please refer to the USB Device section for more details.</p> |
|---|-----------------------|---|



- *Please note that it is not possible to confirm the operation of all functions of all USB devices that are available. Some functions associated with a specific device might not operate properly.*
- *The Micro-USB port does not support external optical disc drive without its own power adapter.*



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

| | |
|---------------------------|---|
| Pen hole | This hole is used for inserting the pen clip. |
| Strap hole for pen | This hole is used for hanging your pen with a string. |
| Web Camera (back) | Your tablet is also equipped with a back Web Camera used for recording video or taking photographs. |



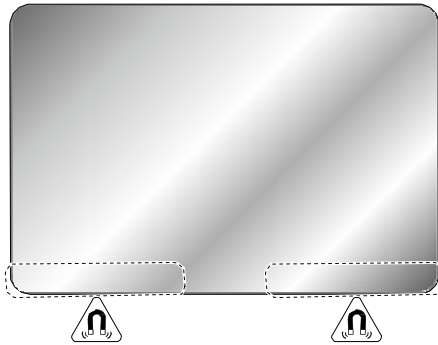
- *Do not point the web camera directly at the sun.*
- *Do not touch or press strongly on the web camera lens. Doing so may reduce image quality. Use an eyeglass cleaner (cleaner cloth) or other soft cloth to clean the lens if it becomes dirty.*

| | |
|--|--|
| Wireless communication antennas | The tablet is equipped with the Wireless LAN and Bluetooth antennas. |
|--|--|

Magnets location

Please read the following information before using the tablet.

Figure 3-2 Magnets location (tablet)



Product appearance depends on the model you purchased.



The tablet contains magnets that may interfere with pacemakers, defibrillators or other medical devices. If you wear a pacemaker, keep at least 1.2 inches (approximately 3cm) of separation between your medical device and the tablet. If you suspect that the tablet is interfering with your medical device, discontinue use and consult your physician for information related to your specific device.

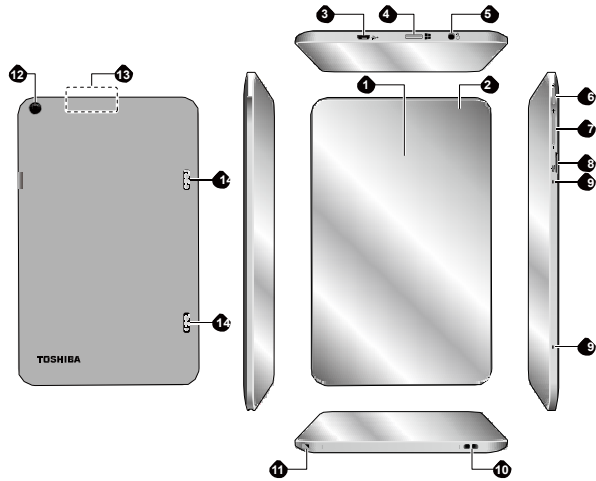


The circled areas in the illustrations above show the location of magnets. Do not place any products utilizing magnetic materials or magnetic data stored devices (for example, credit cards, compass) on the magnetic areas as it may cause damage to the magnetic products.

The Grand Tour for TOSHIBA WT8-A

The following figure shows each important component of the tablet.

Figure 3-3 Grand tour of the tablet (TOSHIBA WT8-B)



- | | |
|------------------------------------|---|
| 1. Display screen | 8. Memory media slot |
| 2. Web Camera (front) | 9. Microphones |
| 3. Micro-USB port | 10. Strap hole for pen |
| 4. Windows button | 11. Pen hole |
| 5. Headphone/Microphone combo jack | 12. Web Camera (back) |
| 6. Power button | 13. Wireless communication antennas (not shown) |
| 7. Volume up/down button | 14. Speakers |

Product appearance depends on the model you purchased.

Display screen

20.3cm (8") LCD screen, configured with the following resolutions:

- HD, 800 horizontal x 1280 vertical pixels

Please be aware that, when the tablet is operating on the AC adaptor, the image displayed on the internal screen will be somewhat brighter than when it operates on battery power. This difference in brightness levels is intended to save power when operating on battery.

Legal Footnote (LCD)

For more information regarding LCD, please refer to the [Legal Footnotes](#) section.

Web Camera (front)

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 using a communication tool.



- Do not point the web camera directly at the sun.
- Do not touch or press strongly on the web camera lens. Doing so may reduce image quality. Use an eyeglass cleaner (cleaner cloth) or other soft cloth to clean the lens if it becomes dirty.



Micro-USB port

The tablet acts as a host via this port. 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 for more details.



- Please note that it is not possible to confirm the operation of all functions of all USB devices that are available. Some functions associated with a specific device might not operate properly.
- The Micro-USB port does not support external optical disc drive without its own power adapter.



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



Windows button

Press this button to open the Start screen or, if already on the Start screen, returns you to your last app.



Headphone/ Microphone combo jack

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



Power button

Press and hold this button to turn on/off the tablet.

Volume up/down button

Press the button to increase or decrease the volume.



Memory media slot

This slot lets you insert a micro SD™/SDHC™/SDXC™ memory card. Refer to the [Memory media](#) section for more information.



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.

| | |
|---------------------------|---|
| Microphones | The built-in microphones allow you to import and record sounds for your application - please refer to the Sound System and Video mode section for more information. |
| Strap hole for pen | This hole is used for hanging your pen with a string. |
| Pen hole | This hole is used for inserting the pen clip. |
| Web Camera (back) | Your tablet is also equipped with a back Web Camera used for recording video or taking photographs. |



- *Do not point the web camera directly at the sun.*
- *Do not touch or press strongly on the web camera lens. Doing so may reduce image quality. Use an eyeglass cleaner (cleaner cloth) or other soft cloth to clean the lens if it becomes dirty.*

| | |
|--|---|
| Wireless communication antennas | The tablet is equipped with the Wireless LAN and Bluetooth antennas. |
| Speakers | The speakers emit sound generated by your software as well as audio alarms, such as low battery condition, generated by the system. |

Internal Hardware Components

This section describes the internal hardware components of your tablet. The actual specifications may vary depending on the model you purchased.

| | |
|---------------------|--|
| Battery pack | <p>This tablet includes a battery pack inside. However, please do not attempt to dismount or replace it by yourself. Please contact an authorized TOSHIBA service provider, if necessary.</p> <p>The rechargeable lithium-ion battery pack provides power to the tablet when the AC adaptor is not connected.</p> <p>For more detailed information on the use and operation of the battery pack please refer to the Battery section.</p> |
|---------------------|--|

Legal Footnote (Battery Life)

For more information regarding Battery Life, please refer to the [Legal Footnotes](#) section.

CPU The processor type varies depending on model.
To check which type of processor is included in your model, tap **Desktop Assist -> Control Panel -> System and Security -> System** under **TOSHIBA** group in the Apps view.

Legal Footnote (CPU)

For more information regarding CPU, please refer to the [Legal Footnotes](#) section.

Video RAM The memory in a tablet's graphics adaptor, used to store the image displayed on a bitmap display.
The amount of Video RAM available is dependent on the tablet's system memory.
Tap **Desktop Assist -> Control Panel -> Appearance and Personalization -> Display -> Adjust resolution** under **TOSHIBA** group in the Apps view.
The amount of Video RAM can be verified by tapping the **Advanced settings** button in the Screen Resolution window.

Memory This tablet may be equipped with a 1GB or 2GB memory on board depending on the model. The actual amount of usable system memory will be less than the installed memory modules. This tablet does not support memory expansion.

Legal Footnote (Memory (Main System))

For more information regarding Memory (Main System), please refer to the [Legal Footnotes](#) section.

Graphics Processing Unit Graphics processing unit (GPU) performance may vary depending on product model, design configuration, applications, power management settings and features utilized. GPU performance is only optimized when operating in AC power mode and may decrease considerably when operating in battery power mode.

Legal Footnote (Graphics Processing Unit (GPU))

For more information regarding Graphics Processing Unit (GPU), please refer to the [Legal Footnotes](#) section.

Chapter 4

Operating Basics

This chapter describes the basic operations of your tablet, and highlights the precautions that should be taken when using it.

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 once on the touch screen to activate an item, such as an app.

**Press and hold**

Press your finger down and leave it there for a few seconds. This will show information to help you learn more about an item or will open a menu specific to what you are doing.

**Pinch or stretch**

Touch the screen or an item with two or more fingers, and then move the fingers toward each other (pinch) or away from each other (stretch). This will show different levels of information or visually zooms in or out.

**Rotate**

Put two or more fingers on an item and then turn your hand to rotate things in the direction you turn your hand. Only some items can be rotated.

**Slide**

Drag your finger on the touch screen to move through what's on the screen.



Swipe

Quickly move your finger in from the edge of the screen, without pausing when you first touch it.

Swipe from the left edge: shows your recently opened apps, and so on.

Swipe from the right edge: opens or closes the charms (Search, Share, Start, Devices, Settings).

Swipe from the top edge: opens or closes the app command bar.

For details and more advanced touch screen gestures to interact with Windows operating system, please refer to Help and Support.

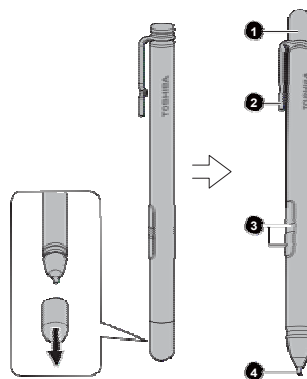


- *Do not press or push with excess force on the touch screen.*
- *Do not apply excess force when cleaning the touch screen.*
- *Never touch the screen with a sharp object such as a ball-point pen which may scratch or damage the surface.*
- *Do not use a protecting sheet for the touch screen as it may decrease its sensitivity to gestures.*

Using the Stylus Pen

You can use the Stylus Pen to execute actions and enter data. Hold the Stylus Pen in a natural position and tap, press or trace on the screen lightly.

Figure 4-1 Stylus Pen



1. Pen cap
2. Pen clip

3. Side buttons
4. Pen point

Pen cap

Provides protection to the pen tip.

Pen clip

The pen clip allows you to insert the pen into the pen hole on the tablet.

Side buttons

The pen is equipped with two side buttons which support right-click and eraser functions.

- **Right-click:** Press and hold the button and touch the tip of the pen on an object. This will display a pop-up menu or execute a specific action. It functions as right clicking the mouse once.
- **Eraser:** The virtual eraser allows you to delete notes or sketches in applications that support eraser function.

By default, the lower button functions as right-click. The two functions can be switched in some applications.

Pen point

You can use pen point to operate same like as by your finger.

You can choose to enable/disable the Side buttons function in **Pen Options**. To access it, tap **Desktop Assist -> Control panel -> Hardware and Sound -> Pen and Touch -> Pen Options** under **TOSHIBA** group in the Apps view.



Observe the following precautions on the handling of the Stylus Pen.

- *In order to avoid damages to the display screen, please refrain from doing anything other than the specified operation methods. Failure to do so could cause a malfunction or characteristic deterioration.*
- *Do not tap or press the Stylus Pen forcefully against the display as this could damage the Stylus Pen and the screen itself.*
- *Avoid using or keeping the Stylus Pen in areas where the temperature can change rapidly or in places, such as a car, where the Stylus Pen is exposed to direct sunlight. Store the Stylus Pen without any pressure being applied to the Side buttons. Failure to do so could cause a malfunction or characteristic deterioration.*
- *The Stylus Pen is composed of precision parts. Do not drop the Stylus Pen. Strong impact causes a malfunction or characteristic deterioration.*
- *Do not apply excessive force to the Stylus Pen point and the Side buttons. Excessive force applied to these parts causes short life or characteristic deterioration.*
- *Avoid water entering the Stylus Pen or condensation forming within it as either condition will cause a malfunction.*
- *Do not disassemble the Stylus Pen. It causes maladjustment or short life.*

- Do not stain the Stylus Pen with cosmetics or chemicals as this will cause a deterioration in appearance. Use a glass wiping cloth or dry cloth to clean the Stylus Pen. Do not use volatile liquids such as alcohol, thinner or petroleum benzine to clean the Stylus Pen.
- Do not apply excessive force to the Stylus Pen point as a bent or deformed pen point will cause a malfunction.
- Keep the small parts of the Stylus Pen, such as the pen point or the knob of the Side buttons, away from infants and small children to prevent the accidental ingestion by them.
- Do not use a ball point pen instead of the Stylus Pen included with the product.
- Do not continue to use a broken pen point as this may result in scratching of the display screen.



- You can change the pen settings in **Pen and Touch**. To access it, tap **Desktop Assist -> Control panel -> Hardware and Sound -> Pen and Touch** under **TOSHIBA** group in the Apps view.
- TOSHIBA is not liable for any problems arising on the products due to the use of the Stylus Pen in an environment where the above conditions are not satisfied or because of its use by unspecified number of users.

Inserting the Stylus Pen

The pen clip allows you to insert the pen into the pen hole on the tablet when you do not need to use it or you want to take the pen with your tablet.

Figure 4-2 Inserting the Stylus Pen (TOSHIBA AT10-A)

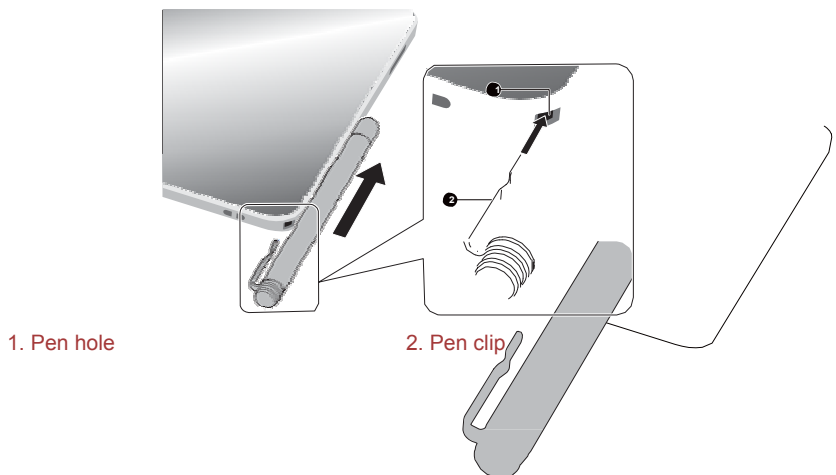
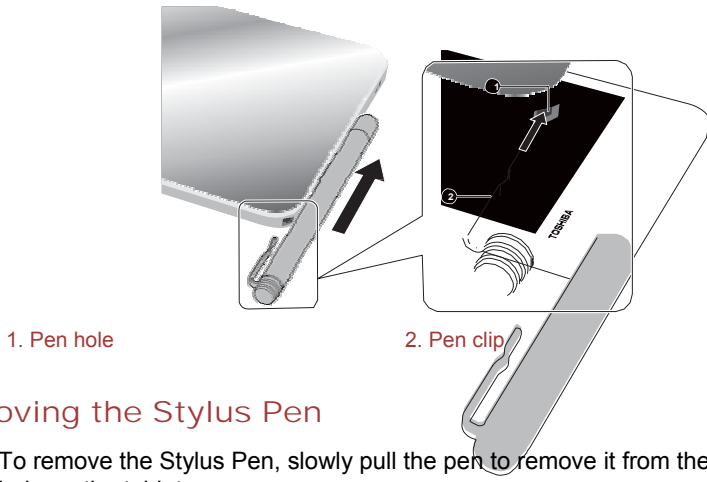


Figure 4-3 Inserting the Stylus Pen (TOSHIBA AT8-B)



Removing the Stylus Pen

To remove the Stylus Pen, slowly pull the pen to remove it from the Pen hole on the tablet.

Figure 4-4 Removing the Stylus Pen (TOSHIBA AT10-A)

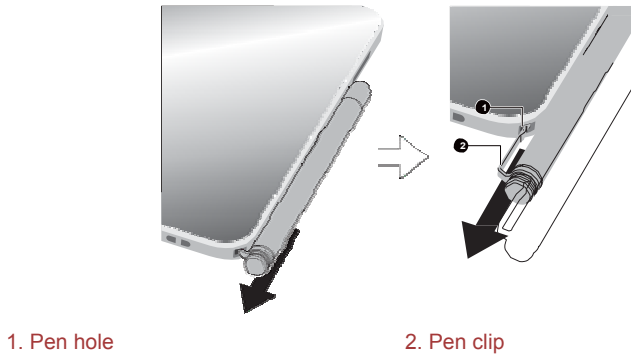
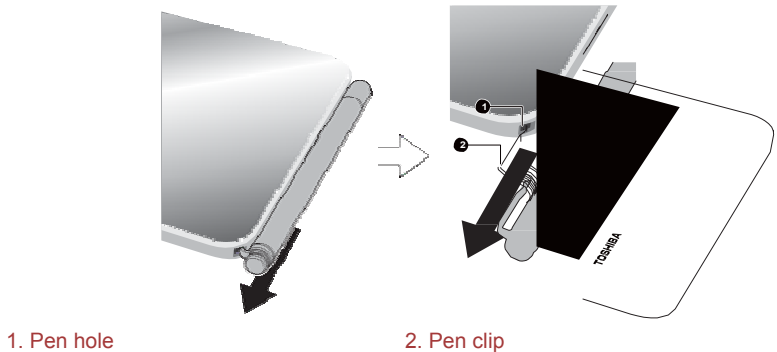


Figure 4-5 Removing the Stylus Pen (TOSHIBA AT8-B)





Never pull the pen body when it is still inserted in the tablet. Doing so will bend the pen clip. Pulling the pen clip when the pen is not inserted in the tablet is not allowed either.



Pen actions

You can use the Stylus Pen to enter data, start programs, move objects and execute other actions.

Single tap

Lightly tap the tip of the Stylus Pen on an object and lift it immediately to execute an action.

Double tap

Lightly tap the tip of the Stylus Pen twice on an object and lift it immediately to execute an action.

Press and hold

Touch the tip of the Stylus Pen to the display screen and hold it there to display a pop-up menu or other action.

Drag

Touch the Stylus Pen on the screen. Without lifting the Stylus Pen, drag it across the screen to select text or objects.

Drag and drop

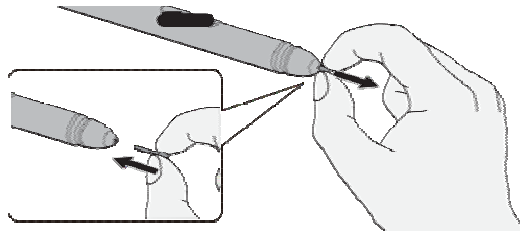
Touch the Stylus Pen on the screen to select an object. Without lifting the Stylus Pen, drag it across the screen. Lift the Stylus Pen to drop the object to a new location.

Replacing the pen tip

The pen tip of the Stylus Pen can be replaced with a new one which is provided when it is worn. To replace the pen tip, follow the steps as described below:

1. Pinch the tip with your fingers and pull it out.
2. Insert a new pen tip into the Stylus Pen carefully, and press it securely.

Figure 4-6 Replacing the pen tip



Product appearance depends on the model you purchased.



- Do not continue to use a broken pen tip as this may result in scratching of the display screen. When the pen tip breaks, replace it with one of the refills delivered with the Stylus Pen. When these refills have run out, you can purchase a new pen set from a TOSHIBA authorized dealer.
- Always use the refills delivered with the Stylus Pen. Use of an incompatible refill may cause a malfunction or characteristic deterioration.



- A short and worn pen tip is difficult to pull out. Replace the pen tip with a refill before it becomes too short to remove.
- It is recommended that you keep another pen set as a spare. You can buy replacement pen sets from your TOSHIBA authorized dealer.

3D Playback on an External 3D Device

3D playback on an external 3D device feature is only provided with TOSHIBA WT10-A models.

Effect of 3D can be shown only on an external 3D devices connected via an HDMI output. It cannot be shown on the internal display. In order for 3D playback to work on external display/TV, you need a 3D enabled display TV that has an HDCP compliant HDMI port.



3D playback feature supports the following resolutions: 1920x1080 24Hz and 1280x720 60Hz.

Please change the Screen Resolution to one of the above before using 3D playback function.

Important Safety Information for 3D Function

- Please refrain from or stop viewing if you feel ill or experience discomfort before or while watching 3D video images.
- Please refrain from viewing 3D video images if you experience convulsions, photosensitivity reaction, or heart disease.

- Due to the possibility of impact on vision development, viewers of 3D video images should be aged 6 or older. Children and teenagers may be more susceptible to health issues associated with viewing in 3D and should be closely supervised to avoid prolonged viewing without rest.
- Avoid use of the 3D function when under the influence of alcohol.
- Please read the user's manual that comes with the tablet carefully before using the 3D playback function.
- The 3D effect differs between individuals.

Battery

This section explains battery types, use, recharging methods and handling.

Battery pack

When the AC adaptor is not connected, the tablet's main power source is this lithium ion battery pack, also referred to in this manual as the main battery.

Real Time Clock (RTC) function

The Real Time Clock (RTC) function is supported. The main battery provides power for the internal real time clock and calendar function and also maintains the system configuration while the tablet is turned off. If the RTC lasting time completely runs out, the system will lose this information and the real time clock and calendar will stop working.

You can change the Real Time Clock settings in the BIOS setup utility. Please refer to [Troubleshooting](#) for further information.

Care and use of the battery pack

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

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



Charge the battery pack only in an ambient temperature between 5 and 35 degrees Celsius. Otherwise, the electrolyte solution might leak, battery pack performance might deteriorate and the battery life might be shortened.

Charging the battery

When the power in the battery pack becomes low, the tablet will enable Hibernation Mode so that you do not lose any data, and automatically turn itself off.

You must recharge the battery pack when it becomes discharged.

Procedures

To recharge the battery pack, connect the AC adaptor to the Micro-USB port on the tablet and plug the other end into a working outlet.

Charging Time

The following table shows the approximate time required to fully charge a discharged battery.



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 - if you make heavy use of external devices for example, the battery might scarcely charge at all during operation.

Charging time for TOSHIBA WT10-A

| Battery type | Power off | Power on |
|--------------------------------|---------------|---------------|
| Battery pack (22.5 Wh, 2 cell) | about 6 hours | about 8 hours |

Charging time for TOSHIBA WT8-B

| Battery type | Power off | Power on |
|------------------------------|---------------|---------------|
| Battery pack (15 Wh, 1 cell) | about 6 hours | about 8 hours |

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 between 5°C to 35°C (41°F to 95°F).
- The battery is nearly completely discharged. In this instance you should leave the AC adaptor connected for a few minutes and the battery should begin charging.

The battery may have 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 for a long time.

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

1. Fully discharge the battery by leaving it in the tablet with the power on until the system automatically turns itself off.

2. Connect the AC adaptor to the Micro-USB port of the tablet, and to a wall outlet that is supplying power.
3. Charge the battery until the battery reaches its full capacity.

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

Monitoring battery capacity

Remaining battery power can be monitored using the following methods.

- Tapping the battery icon on the Windows Taskbar
- Via the Battery Status in the Windows Mobility Center window



- *Please be aware that the actual remaining operating time may differ slightly from the calculated time.*
- *With repeated discharges and recharges, the battery's capacity will gradually decrease. In view of this it will be noted that an often used, older battery will not operate for as long as a new battery even when both are fully charged.*

Maximizing battery operating time

A battery's usefulness depends on how long it can supply power on a single charge, while how long the charge lasts in a battery depends on:

- Processor speed
- Screen brightness
- System Sleep Mode
- System Hibernation Mode
- Display power off period
- How much charge the battery contained to begin with.
- How you use optional devices, such as a USB device, to which the battery supplies power.
- Whether you enable Sleep Mode, which can conserve battery power if you are frequently turning the tablet off and on.
- Where you store your programs and data.
- The environmental temperature - operating time decreases at low temperatures.

Batteries exhausted time

When you turn off the power of your tablet with battery fully charged, the battery will be exhausted within the following approximate period.