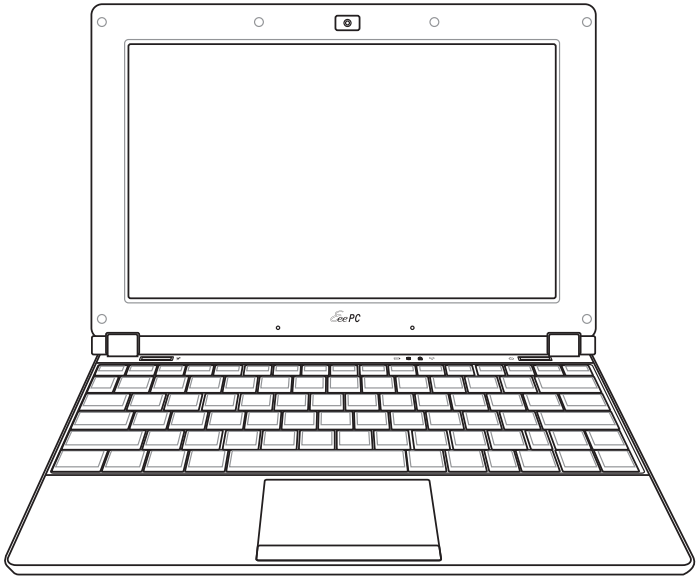
E4101

Eee PC User's Guide

Eee PC 1002HA/S101H



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About This User's Manual

You are reading the Eee PC User's Manual. This User's Manual provides information regarding the various components in the Eee PC and how to use them. The following are major sections of this User's Manual:

1. **Knowing the Parts**
   Provides information on the Eee PC's components.
2. **Getting Started**
   Provides information on getting started with the Eee PC.
3. **Using the Eee PC**
   Provides information on using the Eee PC's utilities.
4. **System Recovery**
   Provides information on system recovery.
5. **Installing Windows® XP**
   Provides information on installing Windows® XP.
6. **Appendix**
   Provides you safety statements.

The actual bundled applications differ by models and territories. There may be differences between your Eee PC and the pictures shown in this manual. Please accept your Eee PC as being correct.

Notes for This Manual

A few notes and warnings are used throughout this guide, allowing you to complete certain tasks safely and effectively. These notes have different degrees of importance as follows:

WARNING! Important information that must be followed for safe operation.

IMPORTANT! Vital information that must be followed to prevent damage to data, components, or persons.

TIP: Tips for completing tasks.

NOTE: Information for special situations.

Safety Precautions

The following safety precautions will increase the life of the Notebook PC. Follow all precautions and instructions. Except as described in this manual, refer all servicing to qualified personnel.

Disconnect the AC power and remove the battery pack(s) before cleaning. Wipe the Notebook PC using a clean cellulose sponge or chamois cloth dampened with a solution of nonabrasive detergent and a few drops of warm water and remove any extra moisture with a dry cloth.

DO NOT place on uneven or unstable work surfaces. Seek servicing if the casing has been damaged.

DO NOT place or drop objects on top and do not shove any foreign objects into the Notebook PC.

DO NOT expose to dirty or dusty environments. DO NOT operate during a gas leak.

DO NOT expose to strong magnetic or electrical fields.

DO NOT press or touch the display panel. DO NOT place together with small items that may scratch or enter the Notebook PC.

DO NOT expose to or use near liquids, rain, or moisture. DO NOT use the modem during electrical storms.

DO NOT leave the Notebook PC on your lap or any part of the body to prevent discomfort or injury from heat exposure.

Battery safety warning: DO NOT throw the battery in fire. DO NOT short circuit the contacts. DO NOT disassemble the battery.

SAFE TEMP: This Notebook PC should only be used in environments with ambient temperatures between 5°C (41°F) and 35°C (95°F)

INPUT RATING: Refer to the rating label on the bottom of the Notebook PC and be sure that your power adapter complies with the rating.

DO NOT carry or cover a Notebook PC that is powered ON with any materials that will reduce air circulation such as a carrying bag.

DO NOT use strong solvents such as thinners, benzene, or other chemicals on or near the surface.

DO NOT use damaged power cords, accessories, or other peripherals.

Incorrect installation of battery may cause explosion and damage the Notebook PC.

DO NOT throw the Notebook PC in municipal waste. This product has been designed to enable proper reuse of parts and recycling. The symbol of the crossed out wheeled bin indicates that the product (electrical, electronic equipment and mercury-containing button cell battery) should not be placed in municipal waste. Check local regulations for disposal of electronic products.

DO NOT throw the battery in municipal waste. The symbol of the crossed out wheeled bin indicates that the battery should not be placed in municipal waste.

Transportation Precautions

To prepare your Eee PC for transport, you should turn it OFF and **disconnect all external peripherals to prevent damage to the connectors**. The hard disk drive's head retracts when the power is turned OFF to prevent scratching of the hard disk surface during transport. **Therefore, you should not transport your Eee PC while the power is still ON.** Close the display panel to protect the keyboard and display panel.

The Eee PC's surface is easily dulled if not properly cared for. Be careful not to rub or scrape surfaces when transporting your Eee PC. You can put your Eee PC in a carrying case for protection from dirt, water, shock, and scratches.

Charging Your Batteries

If you intend to use battery power, be sure to fully charge your battery pack and any optional battery packs before going on long trips. Remember that the power adapter charges the battery pack as long as it is plugged into the computer and an AC power source. Be aware that it takes much longer to charge the battery pack when the Eee PC is in use.

Remember to fully charge the battery (8 hours or more) before first use and whenever it is depleted to prolong battery life. The battery reaches its maximum capacity after a few full charging and discharging cycles.

Airplane Precautions

Contact your airline if you want to use the Eee PC on the airplane. Most airlines have restrictions for using electronic devices. Most airlines allow electronic use only between and not during takeoffs and landings.

There are three main types of airport security devices: X-ray machines (used on items placed on conveyor belts), magnetic detectors (used on people walking through security checks), and magnetic wands (hand-held devices used on people or individual items). You can send your Eee PC and diskettes through airport X-ray machines. However, it is recommended that you do not send your Eee PC or diskettes through airport magnetic detectors or expose them to magnetic wands.

Top Side

Bottom Side

Right Side

Left Side

Rear Side

Keyboard Usage

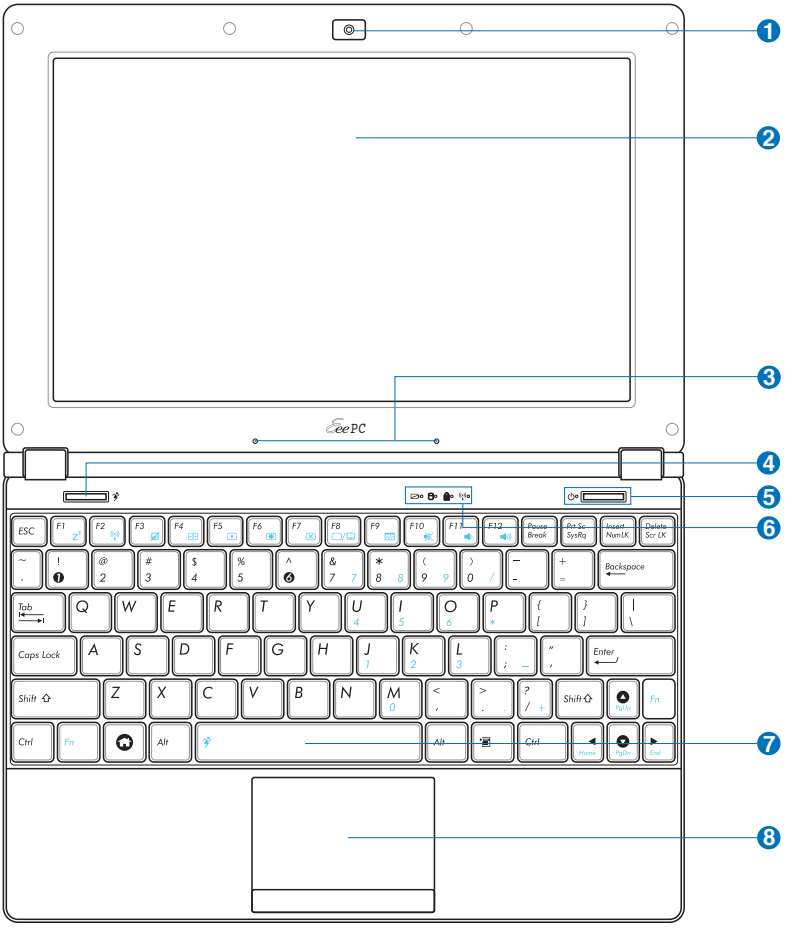
Touchpad Usage

1 Knowing the Parts

Top Side

Refer to the illustration below to identify the components on this side of the Eee PC.

The top side may vary in appearance depending on model.



The keyboard differs for each territory.

1 Built-in Camera

2 Display Panel

3 Array Microphone (Built-in)

The built-in array microphone is more clear and echo-free compared with traditional single microphones.

4 Super Hybrid Engine Key

Press this key to switch among various power saving modes. The selected mode is shown on the display.

5 Power Switch

The power switch allows powering ON and OFF the Eee PC and recovering from STR. Press the switch once to turn ON and hold it to turn OFF the Eee PC. The power switch only works when the display panel is opened.

Power Indicator

The power indicator lights when the Eee PC is turned ON and blinks slowly when the Eee PC is in the Save-to-RAM (Suspend) mode. This indicator is OFF when the Eee PC is turned OFF.

6 Status Indicators

Battery Charge Indicator

The battery charge indicator (LED) shows the battery charging status as follows:

Powered ON / Standby mode

	With Adapter	Without Adapter
High battery power (95%–100%)	Green ON	Off
Medium battery power (11%–94%)	Orange ON	Off
Low battery power (0%–10%)	Orange Blinking	Orange Blinking

(Continued on the next page)

Powered OFF

	With Adapter	Without Adapter
High battery power (95%–100%)	Green ON	Off
Medium battery power (11%–94%)	Orange ON	Off
Low battery power (0%–10%)	Orange Blinking	Off

The Battery Charge Indicator will not light when the battery is removed from your Eee PC.

Hard Disk Drive (HDD) Indicator

The hard disk drive indicator blinks when data is written to or read from the disk drive.

Capital Lock Indicator

Indicates that capital lock [Caps Lock] is activated when lighted.

Wireless/Bluetooth Indicator

This is only applicable on models with built-in wireless LAN/Bluetooth. When the built-in wireless LAN/ Bluetooth is enabled, this indicator lights.

7 Keyboard

The keyboard differs depending on model.

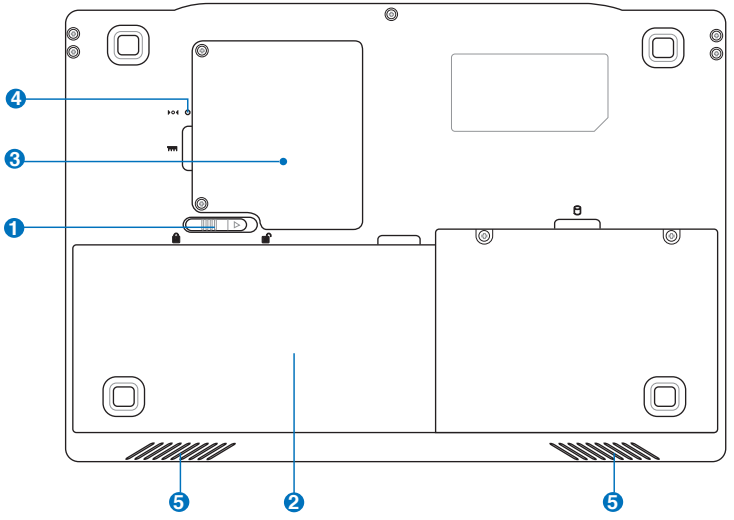
8 Touchpad and Buttons

The touchpad and its buttons comprises a pointing device that provides the same functions as a desktop mouse.

Bottom Side

Refer to the illustration below to identify the components on this side of the Eee PC.

The bottom side may vary in appearance depending on model.



The bottom of the Eee PC can get very hot. Be careful when handling the Eee PC while it is in operation or recently been in operation. High temperatures are normal during charging or operation. DO NOT use on soft surfaces such as beds or sofas, which may block the vents. DO NOT PUT THE Eee PC ON YOUR LAP OR OTHER PARTS OF THE BODY TO AVOID INJURY FROM THE HEAT.

1 Battery Lock - Spring

The spring battery lock keeps the battery pack secure. When the battery pack is inserted, it will automatically lock. When removing the battery pack, this spring lock must be retained in the unlocked position.

❷ Battery Pack

The battery pack is automatically charged when connected to an AC power source and maintains power to the Eee PC when AC power is not connected. This allows use when moving temporarily between locations. Battery time varies by usage and by the specifications for this Eee PC. The battery pack cannot be disassembled and must be purchased as a single unit.

❸ Memory Compartment

The memory module is secured in a dedicated compartment.

❹ Reset Button (Emergency)

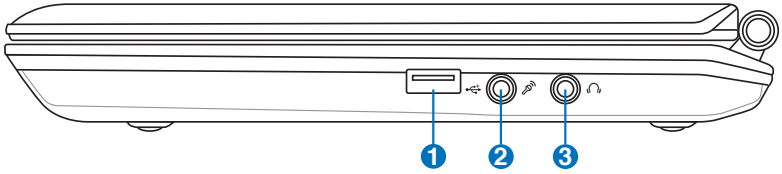
In case your operating system cannot properly turn OFF or restart, the reset button can be depressed with a pin or a straightened paper clip to restart the Eee PC.

The reset button is available on selected models.

❺ Audio Speaker System

Right Side

Refer to the illustration below to identify the components on this side of the Eee PC.



1 **USB Port (2.0/1.1)**

The USB (Universal Serial Bus) port is compatible with USB 2.0 or USB 1.1 devices such as keyboards, pointing devices, cameras, and storage devices, connected in a series up to 12Mbits/sec (USB 1.1) and 480Mbits/sec (USB 2.0). Also, the USB supports hot-swapping function.

2 **Microphone Jack**

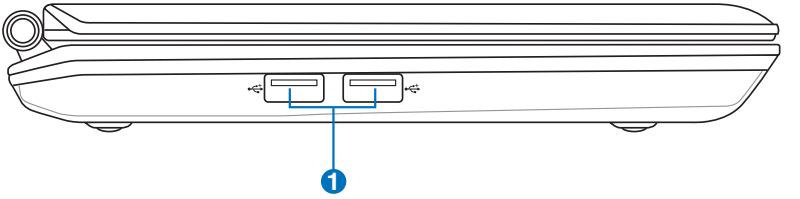
The microphone jack is designed to connect the microphone used for Skype, voice narrations, or simple audio recordings.

3 **Headphone Output Jack**

The ⅛" stereo headphone jack (3.5mm) connects the Eee PC's audio out signal to amplified speakers or headphones. Using this jack automatically disables the built-in speakers.

Left Side

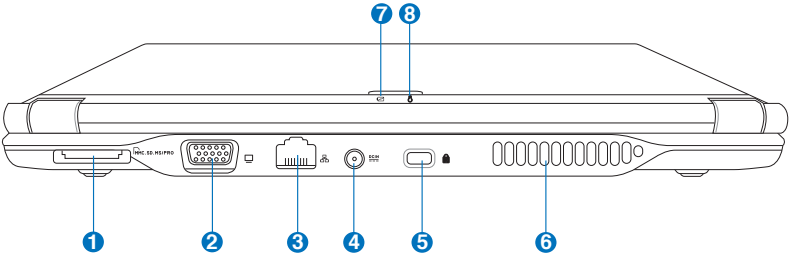
Refer to the illustration below to identify the components on this side of the Eee PC.



1 **USB Port (2.0/1.1)**

Rear Side

Refer to the illustration below to identify the components on this side of the Eee PC.



1 **Memory Card Slot**

The built-in memory card reader can read MMC/SD and MS-PRO cards.

2 **Display (Monitor) Output**

The 15-pin D-sub monitor port supports a standard VGA-compatible device such as a monitor or projector to allow viewing on a larger external display.

3 **LAN Port**

The eight-pin RJ-45 LAN port (10/100M bit) supports a standard Ethernet cable for connection to a local network. The built-in connector allows convenient use without additional adapters.

4 Power (DC) Input

The supplied power adapter converts AC power to DC power for use with this jack. Power supplied through this jack supplies power to the Eee PC and charges the internal battery pack. To prevent damage to the Eee PC and battery pack, always use the supplied power adapter.

CAUTION: MAY BECOME WARM TO HOT WHEN IN USE. BE SURE NOT TO COVER THE ADAPTER AND KEEP IT AWAY FROM YOUR BODY.

5 Kensington® Lock Port

The Kensington® lock port allows the Eee PC to be secured using Kensington® compatible security products. These security products usually include a metal cable and lock that prevent the Eee PC to be removed from a fixed object.

6 Air Vents

The air vents allow cool air to enter and warm air to exit the Eee PC.

Ensure that pa per, books, clothing, cables, or other objects do not block any of the air vents or else overheating may occur.

7 Battery Charge Indicator

The battery charge indicator (LED) shows the status of the battery's power. Refer to the LED status table on pages 1-3 to 1-4.

8 Power Indicator

The power indicator lights when the Eee PC is turned ON and blinks slowly when the Eee PC is in the Save-to-RAM (Suspend) mode. This indicator is OFF when the Eee PC is turned OFF.

Keyboard Usage

Special Function Keys

The following defines the colored hot keys on the Eee PC's keyboard. The colored commands can only be accessed by first pressing and holding the function key while pressing a key with a colored command. Some function icons appear in the Notification area after activation.

The Hot Key locations on the function keys may vary depending on model but the functions should remain the same. Follow the icons whenever your hot key locations do not match the manual.

zzZ Icon (F1): Places the Eee PC in suspend mode (Save-to-RAM).

Radio Tower (F2): Wireless Models Only: Toggles the internal wireless LAN or Bluetooth (on selected models) ON or OFF with an on-screen-display. When enabled, the corresponding wireless indicator will light.

The default setting is WLAN ON / Bluetooth OFF.

Touchpad (F3): Toggles the touchpad ON/OFF.

Resolution Selection (F4): Press to adjust the display resolution.

The Touchpad (<Fn> + <F3>) and Resolution Selection (<Fn> + <F4>) functions are available on selected models.

Sun Down Icon (F5): Decreases the display brightness.

Sun Up Icon (F6): Increases the display brightness.

Crossed Screen Icon (F7): Turns off the display backlight.

LCD/Monitor Icons (F8): Toggles between the Eee PC's LCD display and an external monitor.

Task Manager Icon (F9): Initiates the Task Manager to view the application process or terminates applications.

Crossed Speaker Icon (F10): Mutes the speaker.

Volume Down Icon (F11): Decreases speaker volume.

Volume Up Icon (F12): Increases the speaker volume.

Num Lk (Insert): Toggles the numeric keypad (number lock) ON and OFF. Allows use of a larger portion of the keyboard for number entering.

Scr Lk (Delete): Toggles the "Scroll Lock" ON and OFF. Allows you to use a larger portion of the keyboard for cell navigation.

Pg Up (↑): Press to scroll up in documents or the web browser.

Pg Dn (↓): Press to scroll down in documents or the web browser.

Home (←): Press to move the pointer to the beginning of the line.

End (→): Press to move the pointer to the end of the line.

House icon: Returns to the main menu.

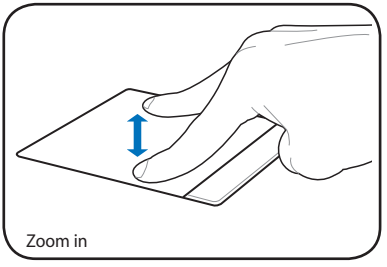
Menu with pointer icon : Activates the properties menu and is equivalent to right-clicking the touchpad/mouse on an object.

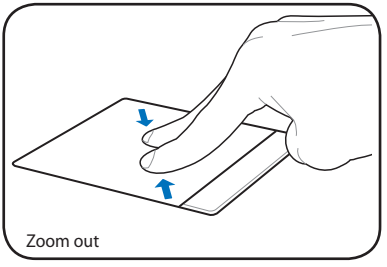
Touchpad Usage

Multi-finger gesture input

Finger gesture	Applications
Two-finger zooming in/out	StarOffice Writer/Impress, Adobe reader, Photomanager

Two-finger zooming in/out - Moving two fingertips apart or together on the touchpad to zoom in or zoom out. This is convenient when viewing photos or reading documents.


Zoom in


Zoom out

Powering on your Eee PC

First Run Wizard

Operating Mode

Shutdown

Configuring a network connection

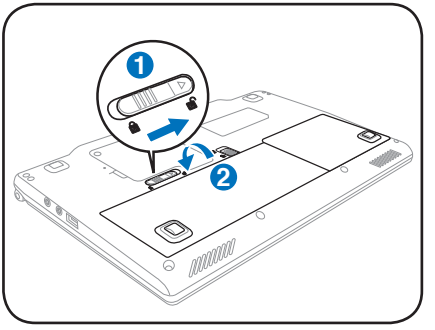
Browsing web pages

Eee PC Help

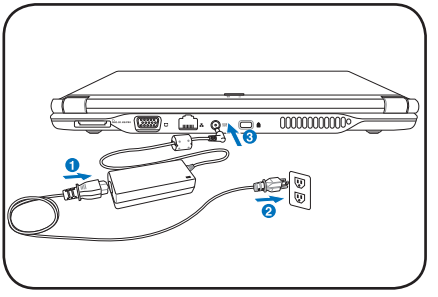
2 Getting Started

Powering on your Eee PC

1. Install the battery pack



2. Connect the AC power adapter

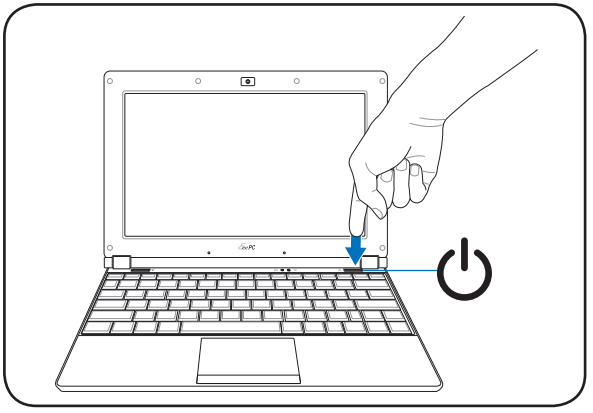


- Only use battery packs and power adapters supplied with this Eee PC or specifically approved by the manufacturer or retailer for use with this model or else damage may occur to the Eee PC. The output voltage of this adapter is +12Vdc, 3A.
- Never attempt to remove the battery pack while the Eee PC is turned ON, as this may result in the loss of working data.

Remember to fully charge the battery (8 hours or more) before first use and whenever it is depleted to prolong battery life. The battery reaches its maximum capacity after a few full charging and discharging cycles.

Your Eee PC may come with either a two or three-prong plug depending on territory. If a three-prong plug is provided, you must use a grounded AC outlet or use a properly grounded adapter to ensure safe operation of the Eee PC.

3. Turn ON the Eee PC



When you open the display panel, do not force it down to the table or else the hinges may break! Never lift the Eee PC by the display panel!

Damage may occur if you use a different adapter to power the Eee PC. You may damage both your battery pack(s) and the Eee PC with a faulty AC-DC adapter.

First Run Wizard

For the first time you start your Eee PC, the First Run Wizard will launch automatically and lead you through setting up your preferences and some basic information. Follow the wizard instructions to finish the initiation.

1. Toggle **I agree with this license** and click **Next** to continue.

2. Select your keyboard type and click **Next** to continue.

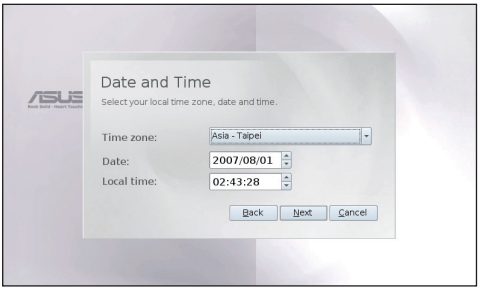
3. Enter your **User Name**. Click **Next** to continue.

4. Enter your **Password** and enter again to confirm the password. Click **Next** to continue.

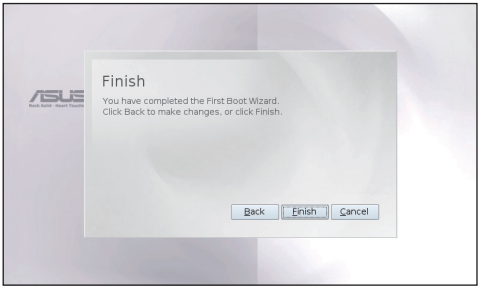
Click the box before **Log me in automatically when system starts up** if you want to log in without entering your password. Doing so will allow people to access your computer without permission.

Keep your password in mind! You have to pass the password check every time you start up your Eee PC if you select not to login automatically.

5 Click to expand the drop-down menu and locate the city you are in or the nearest city in your time zone. Adjust the correct date and your local time. Click **Next** to continue.



6. After you complete all the wizard instructions, click **Finish** to restart the system, or click **Back** to make changes.



Operating Mode

The system is designed with an operating mode that is function-oriented and clearly divides functions into six categories, **Internet**, **Work**, **Learn**, **Play**, **Settings**, **Favorites**. The lucid desktop categorization is convenient for first-time users to operate this Eee PC and enables sophisticated users to more easily locate and initiate applications.

Switch the display category by clicking the category tabs on the top, at which time the screen changes to the selected category and shows pertinent items.

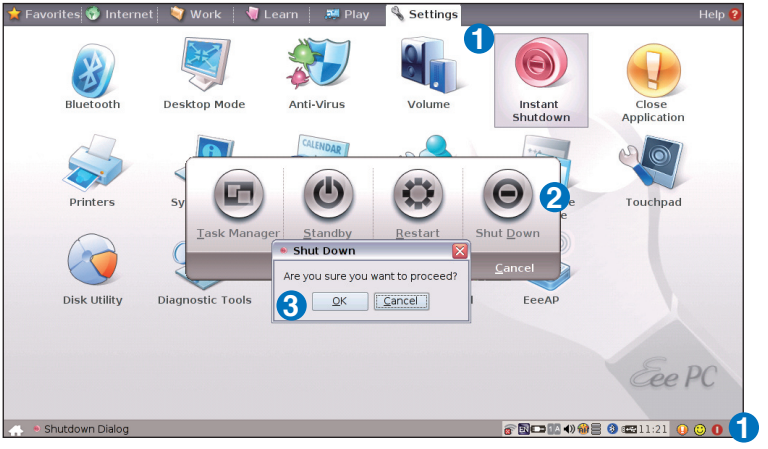
Shutdown

Do the following instructions to turn down your Eee PC.

1. Click the red power switch in the Notification area.

   Or, click **Instant Shutdown** from the **Settings** tab and select **Shutdown**.

   Or, press the power switch of the Eee PC directly.
2. Select **Shut Down** from the dialog box.
3. Select **OK** to proceed.



Configuring a network connection

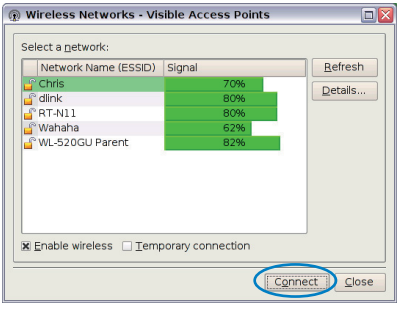
Wireless network connection

1. Press Fn + F2 (<Fn> + <F2>) to activate the wireless LAN function.

Ensure that the wireless LAN function is enabled before configuring a wireless network connection if needed.

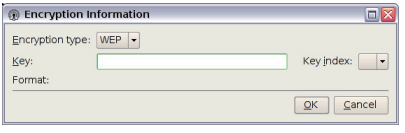
2. Click **Wireless Networks** from **Internet** tab.

3. Select the wireless access point you want to connect to from the list and click **Connect** to build the connection.

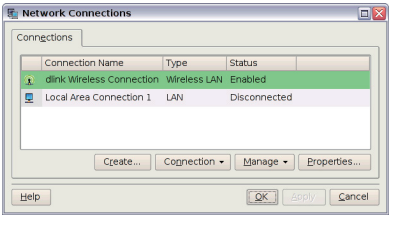


Ensure that the box before **Enable wireless** is checked.

4. When connecting, you may have to enter a password.



5. After a connection has been established, the connection is shown on the list.



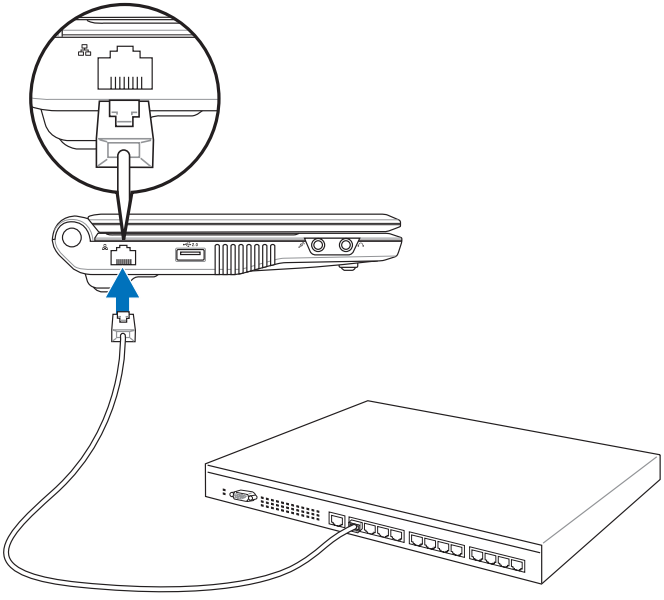
6. You can see the wireless signal strength bars in the Notification area.

In Windows XP environment, the wireless connection icon disappears when you disable the wireless LAN by pressing Fn + F2 (<Fn> + <F2>). Activate the wireless LAN function before configuring a wireless network connection.

Right-click the wireless signal bar in the Notification area to quickly **Connect to another network**, **Create new connection**, or browse **All Network Connections**.

Network connection

If you want to obtain network access, connect the network cable, with RJ-45 connectors on each end, to the network port on the Eee PC and the other end to a hub or switch. The illustration below is the example of your Eee PC connected to a network hub or switch for use with the built-in Ethernet controller. Connect to network before enjoying all the network services and functions in Eee PC.



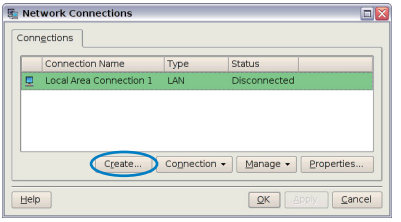
Network cable with RJ-45 connectors

Local Area Network

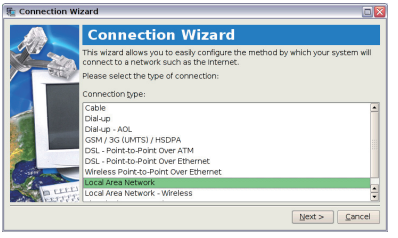
Using a dynamic IP:

1. From the **Internet** tab, select **Network** to start the configuration.

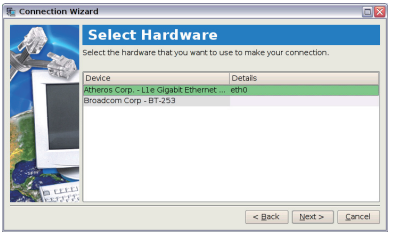
2. Click **Create** to create a network connection.



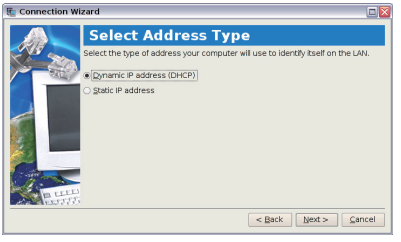
3. Select the type of connection you are using and click **Next**.



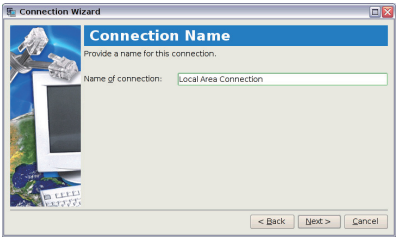
4. Select the hardware that you want to use to make your connection and click **Next**.



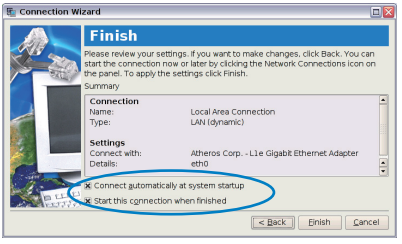
5. Toggle the first option Dynamic IP address (DHCP) and click **Next**.



6. Enter a name for this connection and click **Next**.



7. Click **Finish** to apply the settings or click **Back** to make changes.

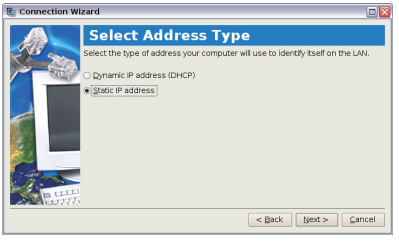


Click the box before **Connect automatically at system startup** or before the box **Start this connection when finished** based on your needs.

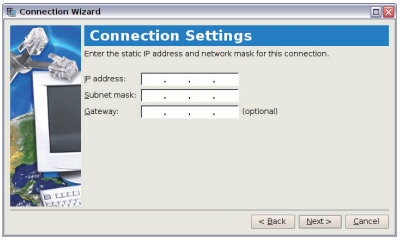
Using a static IP:

1. Repeat the step 1–4 of Using a dynamic IP to start the static IP network configuration.

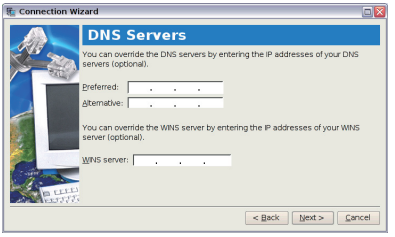
2. Toggle the second option Static IP address and click **Next**.



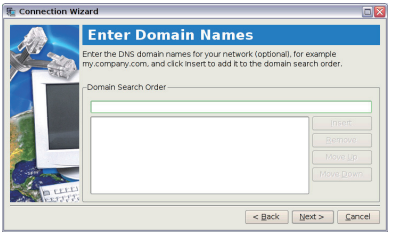
3. Enter the IP address, Subnet mask and Gateway from your service provider.



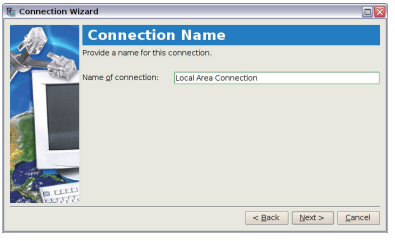
4. There is no need to enter the DNS and WINS address unless you want to override the server provided DNS server address. If so, enter the preferred DNS Server address, alternative address and WINS address of your service provider.



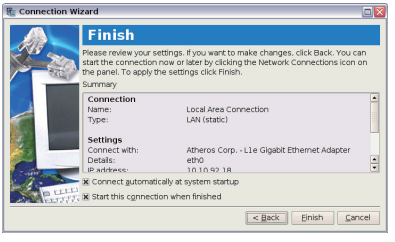
5. Enter the DNS domain name for your network or click **Next** to proceed directly.



6. Enter a name for this connection and click **Next**.



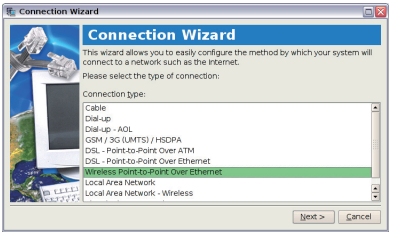
7. Click **Finish** to apply the settings or click **Back** to make changes.



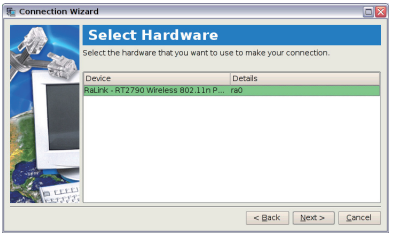
Select **Connect automatically at system startup** or **Start this connection when finished** based on your individual configuration.

Wireless Point-to-Point Protocol over Ethernet

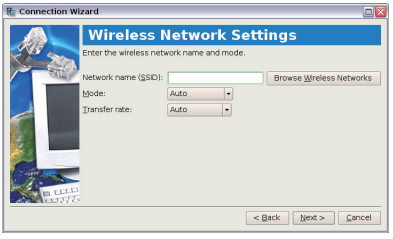
1. Repeat the step 1–2 of Using a static IP to start the wireless PPPoE network configuration.
2. Select the type of connection you are using and click **Next**.



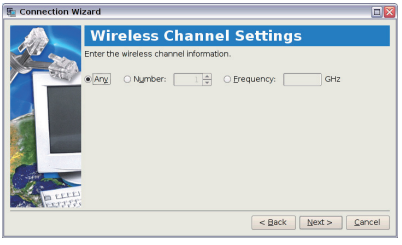
3. Select the hardware that you want to use to make your connection and click **Next**.



4. Click the **Browse Wireless Networks** button to search for the network point you would like to connect.

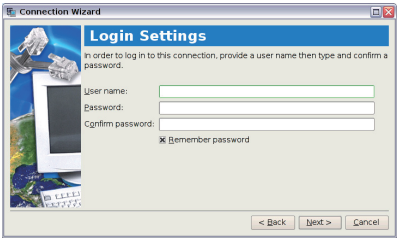


5. Enter the wireless channel information from your service provider and click **Next**.

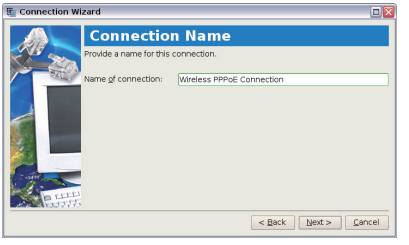


6. Set the encryption information for the wireless connection and click **Next**.

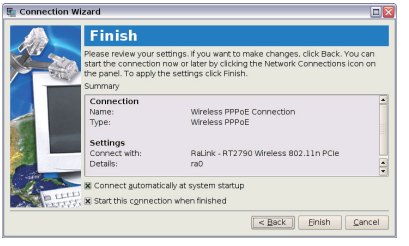
7. Enter your user name and password and click **Next**.



8. Enter a name for this connection and click **Next**.



9. Click **Finish** to apply the settings or click **Back** to make changes.



Browsing web pages

After you finish the network setup, click **Web** from the Internet tab to launch the Mozilla Firefox web browser and start enjoying net surfing.

Launches the Mozilla Firefox web browser

Visit our Eee PC homepage (**http://eeepc.asus.com**) to obtain the latest information and register at **http://vip.asus.com** for full service of your Eee PC.

If you think the browser font size too small to read, go to **View** > **Text Size** to adjust.

Eee PC Help

Click **Help** on the top right corner for more details on how to use your Eee PC.

Eee PC Help includes applications instructions of all Eee PC models Search for the instructions you need based on your purchase.

Eee Storage

Super Hybrid Engine

Bluetooth

Add/Remove Software

3 Using the Eee PC

Eee Storage

Eee PC users can enjoy free online space. With Internet connection, you can access and share any files whenever you want and wherever you are.

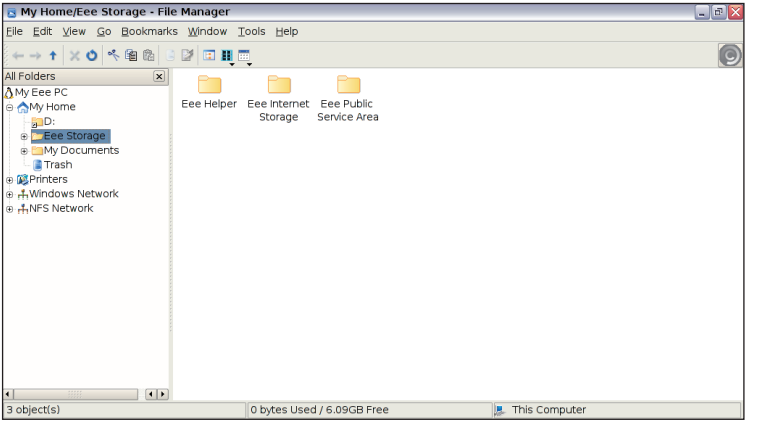
The content of the free service provided to you is subject to **Eee Storage Web Hard Drive Service Agreement** on Eee Storage official website. Eee Storage reserves the rights to modify or discontinue the provided web storage service with or without further notice. Visit the official website for details.

To use Eee Storage

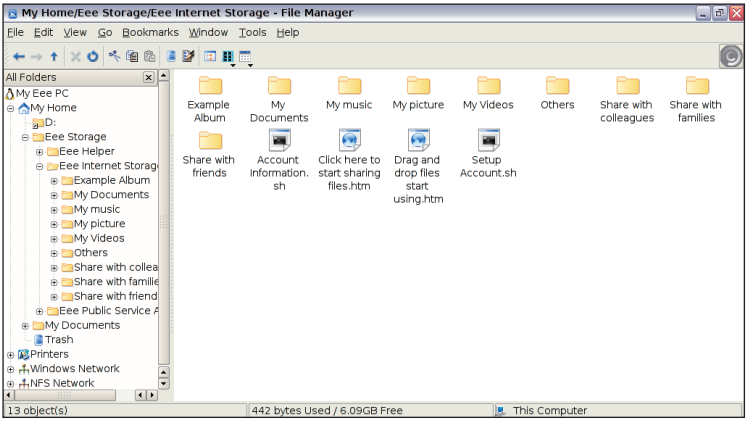
1. Click **Web Storage** from the **Internet** tab and read the service agreement before click **Yes** to continue.

Ensure that your Eee PC is connected to the Internet.

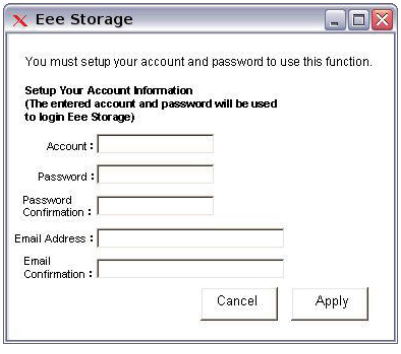
2. Double-click **Eee Internet Storage**.



3. You can easily drag and drop to upload files onto your free online space.



Double-click **Setup Account.sh** to apply an account and setup a password if you need to use more advanced functions such as Group Share. This set of account and password is also indispensable when you use Eee Storage service with other computer.



Super Hybrid Engine

Super Hybrid Engine offers different power modes. The assigned instant key toggles power savings between various power saving modes. The power saving modes control many aspects of your Eee PC to maximize performance versus battery time. The selected mode is shown on the display.

Mode	Reminder	Icon (Notification area)
Power Saving		
High Performance		
Super Performance		
Auto Power-Saving		
Auto High-Performance		

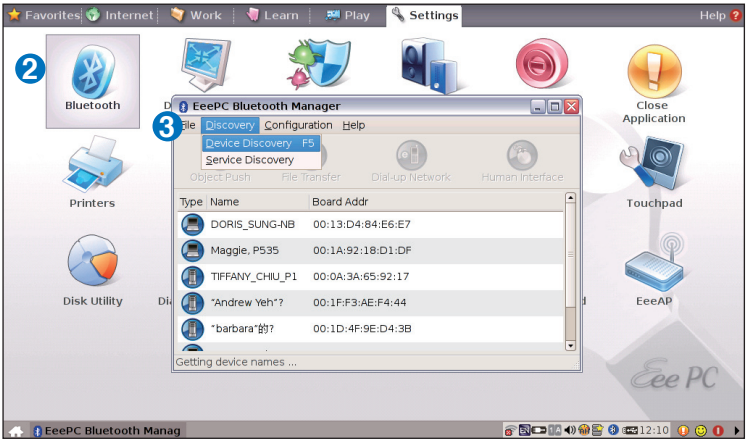
Auto High Performance mode is available only when you apply the power adapter to the Eee PC and **Auto Power-Saving** mode is available only when you remove the power adapter.

Bluetooth

Bluetooth technology eliminates the need for cables for connecting Bluetooth-enabled devices. Examples of Bluetooth-enabled devices may be Notebook PCs, Desktop PCs, mobile phones, and PDAs.

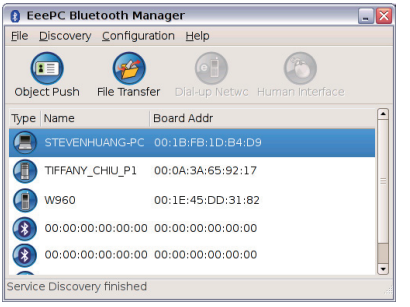
Turning ON and Launching Bluetooth Utility

1. Press <Fn> + <F2> repeatedly until **Bluetooth ON** or **WLAN & Bluetooth ON** is shown.
2. From the **Settings** tab, click **Bluetooth**.
3. Click **Discovery** > **Device Discovery**, or press <F5> directly to search for the nearby devices.

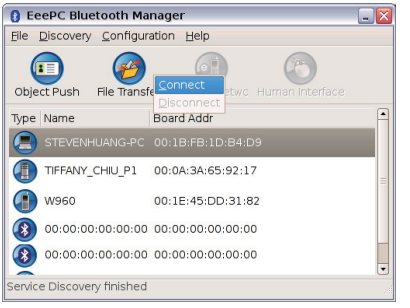


4. Select the Bluetooth-enabled device you would like to connect and click **Discovery** > **Service Discovery** to detect the available services.

5. The colored buttons are the available services, and the unavailable ones will be dimmed.

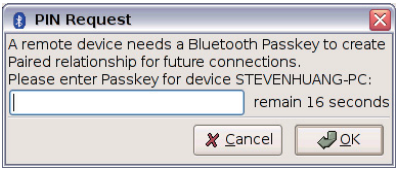


6. To transfer files to the selected device, click the **File Transfer** button and click **Connect**.

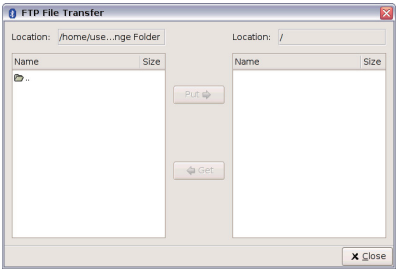


You can also click **Object Push** if you want to send, get or exchange cards.

7. Enter the Passkey to create the paired relationship with the selected Bluetooth-enabled device and click **OK**.



8. After the paired relationship is successfully built, you can transfer files through Bluetooth.



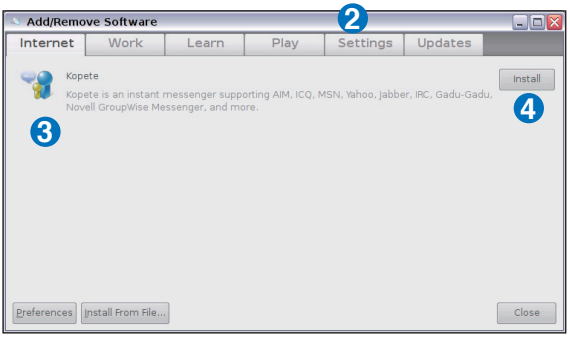
Add/Remove Software

You can download and install software from our server with network access. Follow the instructions below to install software. You can remove the software you install from our server later when they are no longer needed.

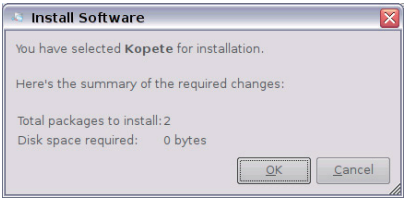
Removing the pre-installed software is not allowed.

To install new software or update the existing software:

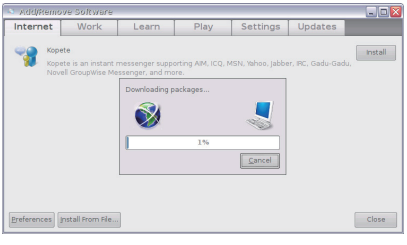
1. Ensure that you have connected to network.
2. Click the tab on the top to switch the category and the screen will display the available software on the server.
3. Locate the software you want to install/update.
4. Click the **Install** button to install/update the selected software.



5. Click **OK** to confirm the installation.



6. Your Eee PC starts the download and installs/ updates the selected software from the server.



BIOS update

To update the BIOS:

DO NOT shut down or reset the system or unplug the power cord while updating the BIOS! Doing so would cause the system boot failure!

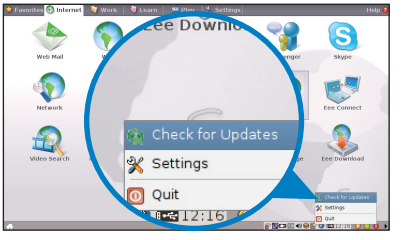
1. Ensure you are connected to a network.
2. Go to **Settings** > **Add/Remove Software**.
3. Click the **Settings** tab on the top to switch the category.
4. Click the **Open** button in BIOS Updates
5. Locate the latest BIOS and click the **Install** button to update the BIOS.
6. Click **OK** to reboot and update the BIOS.

Easy Software Updates

A software update icon in the Notification area functions as a reminder. It will check for updates, download and install updates depending on your preferences.

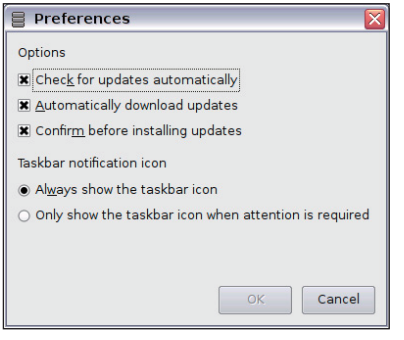
Check for Updates

Right-click the Software Updates icon in the Notification area and select **Check for Updates** to manually search for the latest available updates.



Settings

Right-click the Software Updates icon in the Notification area and select **Preferences** to customize your preferred configurations.



System Recovery

Boot Booster

4 System Recovery

System Recovery

There are three ways to perform the system recovery. Refer to the following sections for details.

The OS image file bundled in the Recovery DVD may be not the latest version. After the system recovery, use the **Add/Remove Software** in the **Settings** tab to update your OS.

You will lose all your data during the system recovery. Ensure to back up your important data before recovering your system.

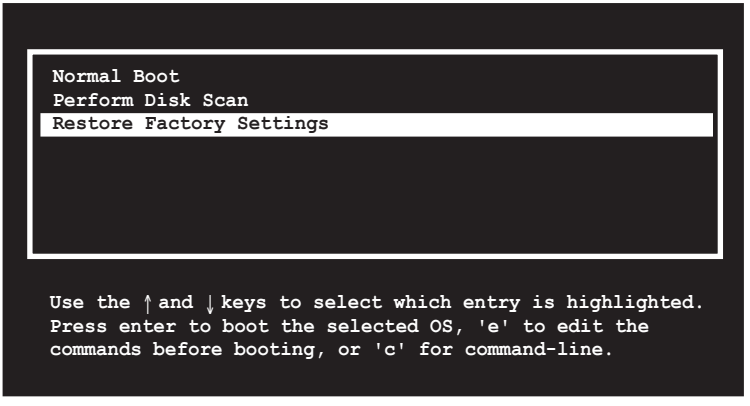
Disable **Boot Booster** in BIOS setup before your perform system recovery from the external optical drive. Refer to the end of this chapter for details.

Using Hidden Partition

1. Hold **<F9>** during bootup (requires a Recovery Partition).

If you have installed WIndows XP to your Eee PC, the built-in hidden partition would be cleared and cannot be used for system recovery.

2. Highlight **Restore Factory Settings** and press **<Enter>** to start the system recovery.

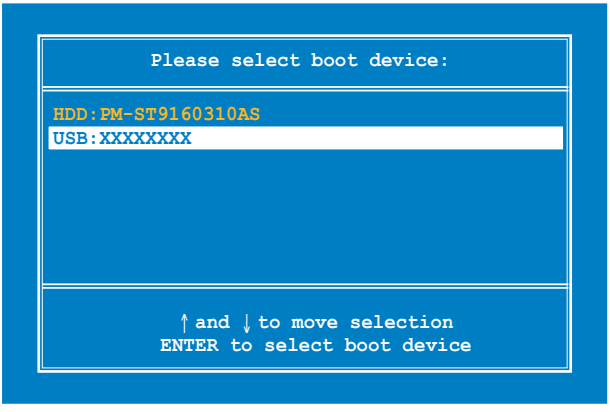


If the system recovery fails, there might be something wrong with your Eee PC disk drive. Contact your local RMA for support.

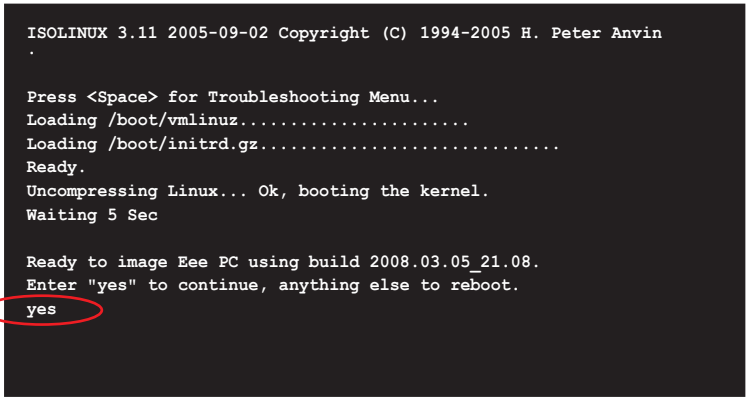
Using the Recovery DVD

Disable **Boot Booster** in BIOS setup before your perform system recovery from the external optical drive. Refer to the end of this chapter for details.

1. Connect an external DVD optical drive to your Eee PC and insert the Recovery DVD into the optical drive (System needs to be powered ON).
2. Restart the system and press **<ESC>** on bootup and the **Please select boot device** screen appears. Select USB:XXXXXX (may be labeled as the ODD brand name) to boot from the optical drive.



3. Key in **yes** and press **<Enter>** to continue the system recovery:



4. When the recovery is completed, press <Enter> to reboot the system.

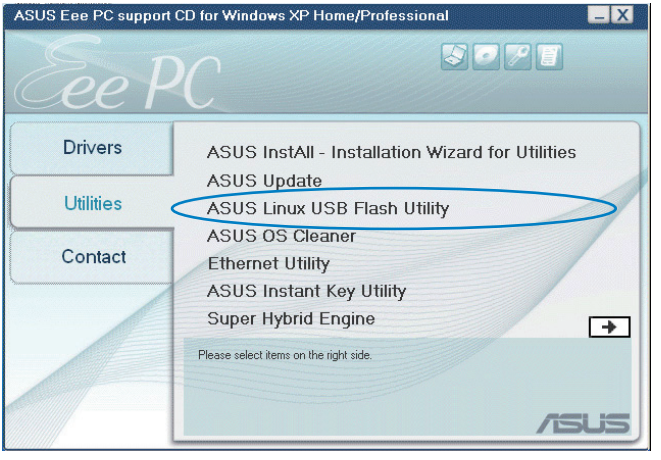
Using USB Flash Disk

You need another PC and a USB flash disk (larger than 2GB) for Eee PC system recovery.

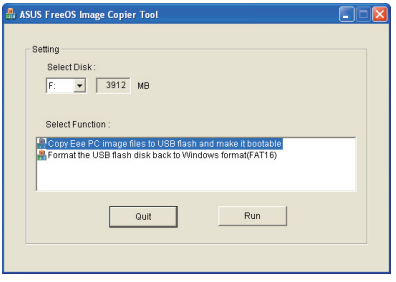
- You will lose all your data on the USB flash disk. Back up important data before using the USB disk as a recovery disk.
- Disable **Boot Booster** in BIOS setup before your perform system recovery from the external optical drive. Refer to the end of this chapter for details.

To use your USB flash disk to perform system recovery:

1. Connect your USB flash disk (size larger than 2GB) to another PC/NB (bundled with Windows XP or later version) and insert the Support CD to that PC/NB at the same time.
2. Click **Utilities** on the left and select **ASUS Linux USB Flash Utility**.

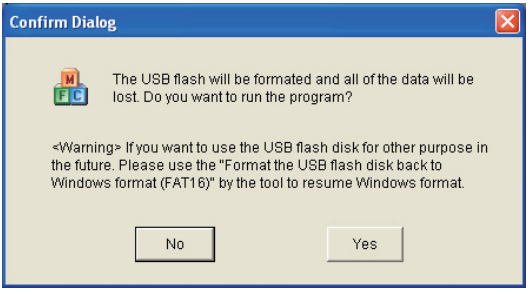


3. Select **Copy Eee PC image files to USB flash and make it bootable**.

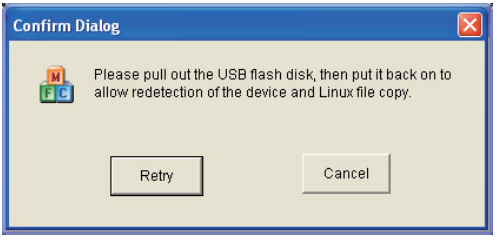


Note that the disk for Eee PC recovery is correct if you have several USB flash disks connected to the PC.

4. Eject the Support CD, insert the Recovery DVD, and click **Run**.
5. Click **Yes** to continue. The system starts formatting your USB flash disk.

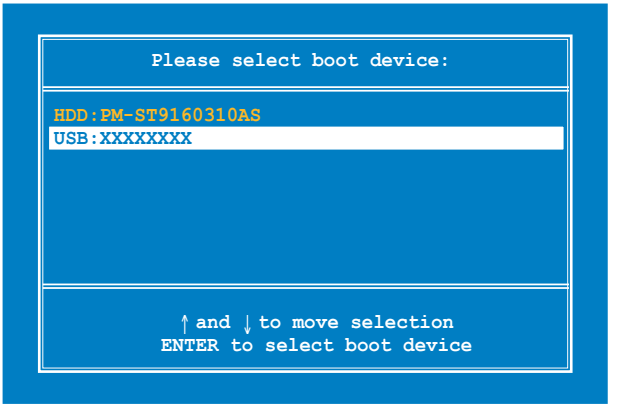


6. A dialog box appears. Follow the instructions to eject the USB disk and replug it to your PC/NB. Click **Retry** to continue.

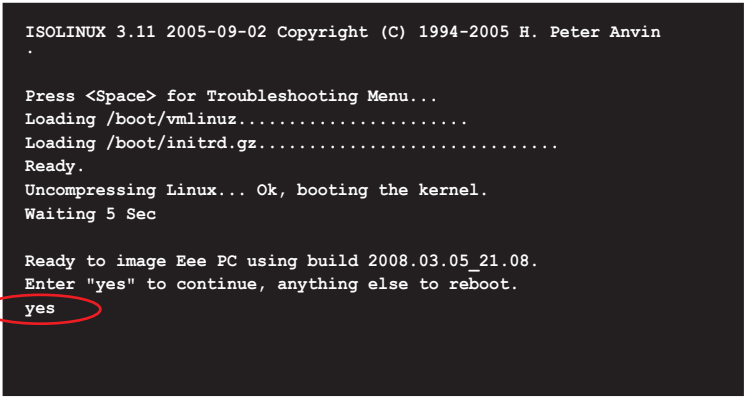


7. Click **OK** to complete the process.

8. Connect the USB flash disk to your Eee PC.
9. Restart the system and press **<ESC>** on bootup and the **Please select boot device** screen appears. Select USB:XXXXXX (may be labeled as the USB flash brand name) to boot from the USB flash disk drive.



10. Key in **yes** and press **<Enter>** to continue the system recovery.

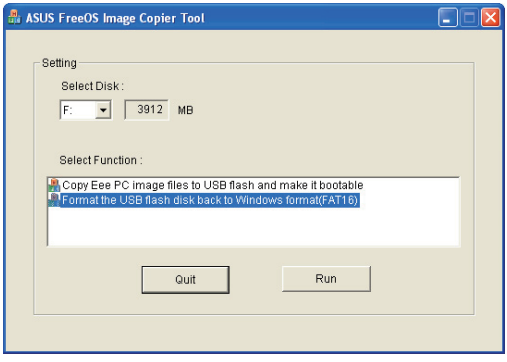


11 When the recovery is completed, remove the USB flash disk and press <Enter> to reboot the system.

Reformatting the USB flash disk

To use the USB disk on your Windows operating system normally, follow the instructions below to reformat your USB disk.

1. Connect your USB flash disk to another PC/NB and insert the Support CD to that PC/NB at the same time.
2. Click **Utilities** on the left and select **ASUS Linux USB Flash Utility**.
3. Select **Format the USB flash disk back to Windows format (FAT16)** and click **Run**.



4. Click **OK** to complete the disk formatting.

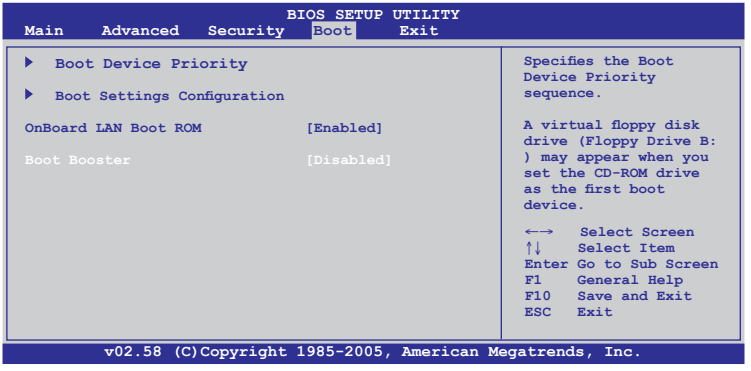
Boot Booster

The Boot Booster item in BIOS setup helps shorten your Eee PC bootup time. However, you MUST disable this BIOS item before you change any Eee PC components or perform system recovery (from USB flash disk, external optical drive or hidden partition). Follow the instructions below to disable Boot Booster:

1. Start the system and press **<F2>** on bootup to show the POST screen. Press **<F2>** again to enter the BIOS setup.

If you fail to see the POST screen or enter the BIOS setup by doing the instruction above, restart the system and try pressing <F2> repeatedly on bootup.

2. Set **Boot Booster** to [Disabled]



3. Press **<F10>** to save the configuration and restart Eee PC.

Remember to enable Boot Booster after you complete hardware change or system recovery.

Preparing to Install Windows® XP

Installing Windows® XP

Support CD Information

5 Installing Windows® XP

Preparing to install Windows® XP

Before installing Windows® XP operating system to your Eee PC, you need the following items.

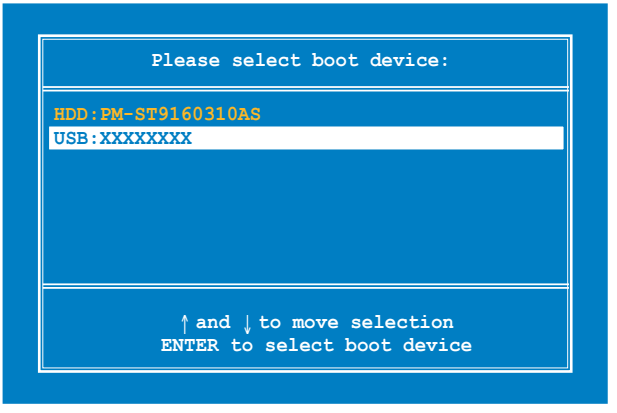
- A USB 2.0 DVD-ROM
- The official Windows® XP Service Pack 2 disc from Microsoft®
- A USB flash disk (size larger than 1GB) or external hard disk drive
- ASUS Eee PC support CD

- The older version of Windows® OS does not support USB DVD-ROM. Ensure the disc you have is Windows® XP Service Pack 2.
- Your Eee PC might not be able to detect all the USB flash disks. We recommend you use a USB flash disk smaller than 2 G.

Installing Windows® XP

Follow the instructions below to install Windows® XP service pack 2:

1. Connect the power cord to your Eee PC.
2. Insert the Windows XP Service Pack 2 disc to the USB DVD-ROM and connect the USB optical drive to your Eee PC.
3. Press **<ESC>** on bootup and the **Please select boot device** screen appears. Select USB:XXXXXX (may be labeled as the ODD brand name) to boot from the optical drive.



4. After the Windows® XP installation screen appears. Delete any existing partitions.

You will lose all your data after deleting all existing disk partitions. Ensure to back up your important data before installing Windows® XP to your Eee PC.

5. Press <Enter> and select **Format the partition using the NTFS file system** to start the Windows® XP OS setup.
6. Follow the on-screen instructions to complete the installation process.
7. After entering Windows, insert the Support CD to the USB DVD/CD-ROM and click **InstAll - Drivers Installation Wizard** to install all drivers.

Support CD information

The support CD that comes with the Eee PC package contains the drivers, software applications, and utilities that you can install to avail all the features.

All the following screens appear only in the Windows® XP SP2 environment.

Running the support CD

Insert the support CD in the external optical drive. The CD automatically displays the Drivers menu if Autorun is enabled in your computer.

If Autorun is NOT enabled in your computer, browse the contents of the support CD to locate the file ASSETUP.EXE from the BIN folder. Double-click the ASSETUP.EXE file to run the CD.

The drivers and utilities bundled in the support DVD may vary and are subject to change without notice.

Drivers menu

The Drivers menu shows available device drivers when the system detects installed devices. Install the necessary drivers to activate the devices.

Utilities menu

The Utilities menu shows the applications that the Eee PC supports.

Contact

Click the Contact tab to display the ASUS contact information.

Other information

The icons on the top right corner of the screen provide additional information on the Eee PC and the contents of the support CD. Click an icon to display the specified information.

Trademark Statements

Qualified Vendor List

Declarations and Safety Statements

GNU General Public License

Copyright Information

Limitation of Liability

Service and Support

Appendix A

Trademark Statements

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Qualified Vendor List

The Linux-based Eee PC may not support all PC peripherals. Visit our ASUS website at http://support.asus.com/download for the latest qualified vendor list before you purchase peripherals for your Eee PC.

Declarations and Safety Statements

Federal Communications Commission Statement

This device complies with FCC Rules Part 15. Operation is subject to the following two conditions:

- This device may not cause harmful interference, and
- This device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a class B digital device, pursuant to Part 15 of the Federal Communications Commission (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.

The use of a shielded-type power cord is required in order to meet FCC emission limits and to prevent interference to the nearby radio and television reception. It is essential that only the supplied power cord be used. Use only shielded cables to connect I/O devices to this equipment. You are cautioned that changes or modifications not expressly approved by the party responsible for compliance could void your authority to operate the equipment.

(Reprinted from the Code of Federal Regulations #47, part 15.193, 1993. Washington DC: Office of the Federal Register, National Archives and Records Administration, U.S. Government Printing Office.)

FCC Radio Frequency (RF) Exposure Caution Statement

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment. "The manufacture declares that this device is limited to Channels 1 through 11 in the 2.4GHz frequency by specified firmware controlled in the USA."

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. To maintain compliance with FCC RF exposure compliance requirements, please avoid direct contact to the transmitting antenna during transmitting. End users must follow the specific operating instructions for satisfying RF exposure compliance.

Eee PC 1002HA/S101H
Max. SAR Measurement (1g)
RT2700E (AW-NE766)
11g: 0.166 W/kg
11b: 0.098 W/kg
11n 20M: 0.157 W/kg
11n 40M: 0.132 W/kg

AR5B91 (AW-NE771)
11g: 0.165 W/kg
11b: 0.094 W/kg
11n 20M: 0.161 W/kg
11n 40M: 0.121 W/kg

Declaration of Conformity (R&TTE directive 1999/5/EC)

The following items were completed and are considered relevant and sufficient:

- Essential requirements as in [Article 3]
- Protection requirements for health and safety as in [Article 3.1a]
- Testing for electric safety according to [EN 60950]
- Protection requirements for electromagnetic compatibility in [Article 3.1b]
- Testing for electromagnetic compatibility in [EN 301 489-1] & [EN 301]
- Testing according to [489-17]
- Effective use of the radio spectrum as in [Article 3.2]
- Radio test suites according to [EN 300 328-2]

CE Mark Warning

This is a Class B product, in a domestic environment, this product may cause radio interference, in which case the user may be required to take adequate measures.

IC Radiation Exposure Statement for Canada

This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment. To maintain compliance with IC RF exposure compliance requirements, please avoid direct contact to the transmitting antenna during transmitting. End users must follow the specific operating instructions for satisfying RF exposure compliance.

Operation is subject to the following two conditions:

- This device may not cause interference and
- This device must accept any interference, including interference that may cause undesired operation of the device.

To prevent radio interference to the licensed service (i.e. co-channel Mobile Satellite systems) this device is intended to be operated indoors and away from windows to provide maximum shielding. Equipment (or its transmit antenna) that is installed outdoors is subject to licensing.

Eee PC 1002HA/S101H

Max. SAR Measurement (1g)
RT2700E (AW-NE766)
11g: 0.166 W/kg
11b: 0.098 W/kg
11n 20M: 0.157 W/kg
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AR5B91 (AW-NE771)
11g: 0.165 W/kg
11b: 0.094 W/kg
11n 20M: 0.161 W/kg
11n 40M: 0.121 W/kg

This device and its antenna(s) must not be co-located or operating in conjunction with any other antenna or transmitter.

Country Code selection feature to be disabled for products marketed to the US/CANADA.

This Class [B] digital apparatus complies with Canadian ICES-003.
Cet appareil numérique de la classe [B] est conforme à la norme NMB-003 du Canada

Wireless Operation Channel for Different Domains

N. America	2.412-2.462 GHz	Ch01 through CH11
Japan	2.412-2.484 GHz	Ch01 through Ch14
Europe ETSI	2.412-2.472 GHz	Ch01 through Ch13

France Restricted Wireless Frequency Bands

Some areas of France have a restricted frequency band. The worst case maximum authorized power indoors are:

- 10mW for the entire 2.4 GHz band (2400 MHz–2483.5 MHz)
- 100mW for frequencies between 2446.5 MHz and 2483.5 MHz

Channels 10 through 13 inclusive operate in the band 2446.6 MHz to 2483.5 MHz.

There are few possibilities for outdoor use: On private property or on the private property of public persons, use is subject to a preliminary authorization procedure by the Ministry of Defense, with maximum authorized power of 100mW in the 2446.5–2483.5 MHz band. Use outdoors on public property is not permitted.

In the departments listed below, for the entire 2.4 GHz band:

- Maximum authorized power indoors is 100mW
- Maximum authorized power outdoors is 10mW

Departments in which the use of the 2400–2483.5 MHz band is permitted with an EIRP of less than 100mW indoors and less than 10mW outdoors:

01 Ain Orientales	02 Aisne	03 Allier
05 Hautes Alpes	08 Ardennes	09 Ariège
11 Aude	12 Aveyron	16 Charente
24 Dordogne	25 Doubs	26 Drôme
32 Gers	36 Indre	37 Indre et Loire
41 Loir et Cher	45 Loiret	50 Manche
55 Meuse	58 Nièvre	59 Nord

60 Oise 61 Orne 63 Puy du Dôme
64 Pyrénées Atlantique 66 Pyrénées 67 Bas Rhin
68 Haut Rhin 70 Haute Saône
71 Saône et Loire 75 Paris
82 Tarn et Garonne 84 Vaucluse 88 Vosges
89 Yonne 90 Territoire de Belfort
94 Val de Marne

This requirement is likely to change over time, allowing you to use your wireless LAN card in more areas within France. Please check with ART for the latest information (www.art-telecom.fr)

Your WLAN Card transmits less than 100mW, but more than 10mW.

UL Safety Notices

Required for UL 1459 covering telecommunications (telephone) equipment intended to be electrically connected to a telecommunication network that has an operating voltage to ground that does not exceed 200V peak, 300V peak-to-peak, and 105V rms, and installed or used in accordance with the National Electrical Code (NFPA 70).

When using the Eee PC modem, basic safety precautions should always be followed to reduce the risk of fire, electric shock, and injury to persons, including the following:

- DO NOT use the Eee PC near water, for example, near a bath tub, wash bowl, kitchen sink or laundry tub, in a wet basement or near a swimming pool.
- DO NOT use the Eee PC during an electrical storm. There may be a remote risk of electric shock from lightning.
- DO NOT use the Eee PC in the vicinity of a gas leak.

Required for UL 1642 covering primary (nonrechargeable) and secondary (rechargeable) lithium batteries for use as power sources in products. These batteries contain metallic lithium, or a lithium alloy, or a lithium ion, and may consist of a single electrochemical cell or two or more cells connected in series, parallel, or both, that convert chemical energy into electrical energy by an irreversible or reversible chemical reaction.

- Do not dispose the Eee PC battery pack in a fire, as they may explode. Check with local codes for possible special disposal instructions to reduce the risk of injury to persons due to fire or explosion.
- Do not use power adapters or batteries from other devices to reduce the risk of injury to persons due to fire or explosion. Use only UL certified power adapters or batteries supplied by the manufacturer or authorized retailers.

Power Safety Requirement

Products with electrical current ratings up to 6A and weighing more than 3Kg must use approved power cords greater than or equal to: H05VV-F, 3G, 0.75mm^2 or H05VV-F, 2G, 0.75mm^2.

This symbol of the crossed out wheeled bin indicates that the product (electrical, electronic equipment, and mercury-containing button cell battery) should not be placed in municipal waste. Check local regulations for disposal of electronic products.

Nordic Lithium Cautions (for lithium-ion batteries)

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

ATTENZIONE! Rischio di esplosione della batteria se sostituita in modo errato. Sostituire la batteria con un una di tipo uguale o equivalente consigliata dalla fabbrica. Non disperdere le batterie nell'ambiente. (Italian)

VORSICHT! Explosionsgefahr bei unsachgemäßen Austausch der Batterie. Ersatz nur durch denselben oder einem vom Hersteller empfohlenem ähnlichen Typ. Entsorgung gebrauchter Batterien nach Angaben des Herstellers. (German)

ADVARSELI! Lithiumbatteri - Eksplosionsfare ved fejlagtig håndtering. Udskiftning må kun ske med batteri af samme fabrikat og type. Levér det brugte batteri tilbage til leverandøren. (Danish)

VARNING! Explosionsfara vid felaktigt batteribyte. Använd samma batterityp eller en ekvivalent typ som rekommenderas av apparattillverkaren. Kassera använt batteri enligt fabrikantens instruktion. (Swedish)

VAROITUS! Paristo voi räjähtää, jos se on virheellisesti asennettu. Vaihda paristo ainoastaan laitevalmistajan sousittelemaan tyyppiin. Hävitä käytetty paristo valmistagan ohjeiden mukaisesti. (Finnish)

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

ADVARSEL! Eksplosjonsfare ved feilaktig skifte av batteri. Benytt samme batteritype eller en tilsvarende type anbefalt av apparatfabrikanten. Brukte batterier kasseres i henhold til fabrikantens instruksjoner. (Norwegian)

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- Thunderbird
- Knotes
- Kalzium
- Kstars
- Tux Typing
- KMessedWords
- KHangMan
- Kbruch
- Freemind
- Stellarium
- Tux, of Math Command
- Kig
- KmPlot
- mtPaint
- Tux Paint
- KPatience
- Frozen Bubble
- Crack Attack
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- KTuberling
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Version 2, June 1991

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<one line to give the program's name and a brief idea of what it does.> Copyright (C) <year> <name of author>

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Also add information on how to contact you by electronic and paper mail.

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