Eee PC
User Manual

Eee PC 1101HA

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Chapter 4:   System Recovery

Chapter 5:   Installing Windows® XP

Appendix

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

Gives 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 Eee PC. Follow all precautions and instructions. Except as described in this manual, refer all servicing to qualified personnel. Do not use damaged power cords, accessories, or other peripherals. Do not use strong solvents such as thinners, benzene, or other chemicals on or near the surface.

Disconnect the AC power before cleaning. Wipe the Eee 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 Eee 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 Eee PC.

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

DO NOT leave the Eee 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 Eee 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 Eee PC and be sure that your power adapter complies with the rating.

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

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

DO NOT throw the Eee 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 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 maximmum 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.
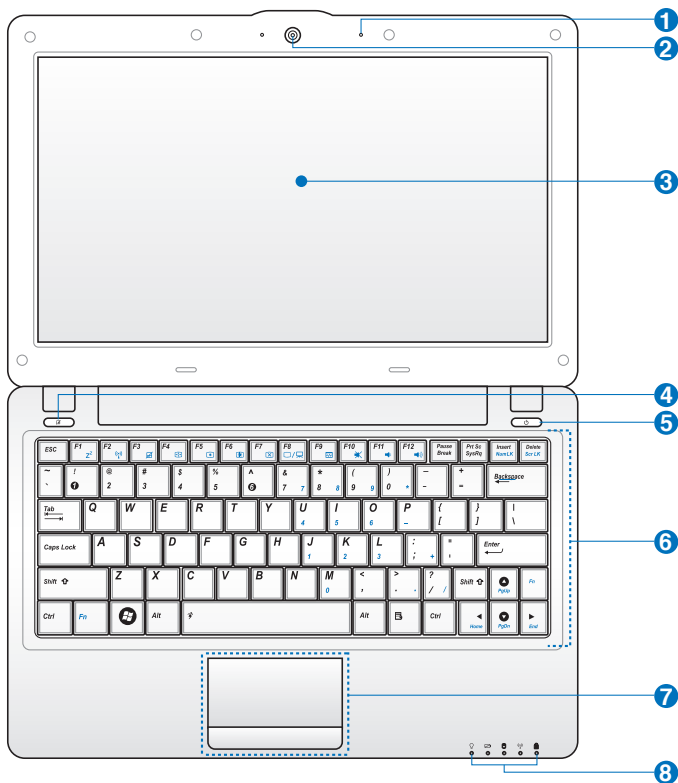
Knowing the Parts 1

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 models.

The keyboard differs for each territory.

① 🎙 **Digital Microphone (Built-in)**

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

② ◎ **Built-in Camera**

③ 🖥 **Display Panel**

④ ☑ **Touchpad key**

Toggles the touchpad ON/OFF. You can also turn on/off the function by pressing <Fn> + <F3>.

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 ◉ **Keyboard**

The keyboard provides keys with comfortable travel (depth at which the keys can be depressed) and palm rest for both hands.

📝 The keyboard differs depending on models.

⑦ ⊞ **Touchpad and Buttons**

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

⑧ 🔆 **Status Indicators**

Ω **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.

Battery Charge Indicator

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

Powered ON

	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

Powered OFF / 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	Off

Hard Disk Drive (HDD) Indicator

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

Wireless/Bluetooth Indicator

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

Capital Lock Indicator

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

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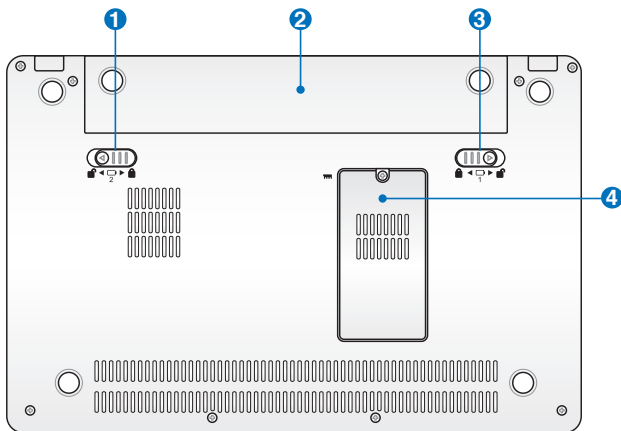
⚠️ The bottom of the Eee PC can get very hot. Be careful when handling the Eee PC while it is in operation or recently been in operation. High temperatures are normal during charging or operation. DO NOT use on soft surfaces such as beds or sofas, which may block the vents. **DO NOT PUT THE Eee PC ON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

❶ 🔓 **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 🔓   Battery Lock - Manual

The manual battery lock is used to keep the battery pack secured. Move the manual lock to the unlocked position to insert or remove the battery pack. Move the manual lock to the locked position after inserting the battery pack.

❹ 🎞   Memory Compartment

The memory module is secured in a dedicated compartment.

Front Side

Refer to the illustration below to identify the components on this side of the Eee PC.
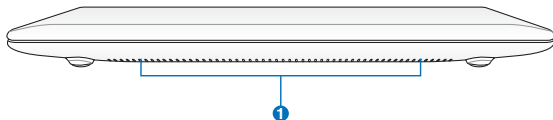
❶ 🔊   Audio Speaker System

The built-in stereo speaker system allows you to hear audio without additional attachments. The multimedia sound system features an integrated digital audio controller that produces rich, vibrant sound (results improved with external stereo headphones or speakers). Audio features are software controlled.

Right Side

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

❶ 🔲 **Memory Card Slot**
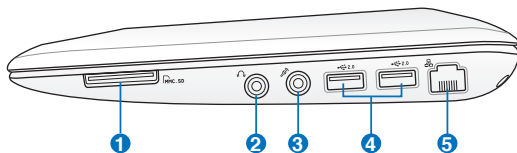
The built-in memory card reader can read SD/SDHC/MMC cards.

❷ 🎧 **Headphone Output Jack**

The 1/8" 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.

❸ 🎙 **Microphone Jack**

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

❹ ⇌ **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.
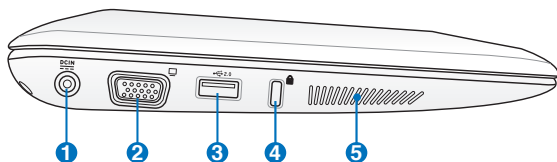
❺ 🖧 **LAN Port**

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.

Left Side

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

1 ⏚ᴰᶜᴵᴺ **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.

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

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 ⭲ **USB Port (2.0/1.1)**

4 🔒 **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.

5 ⚜ **Air Vents**

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

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

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.

Z² 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.

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.

Super Hybrid Engine (Fn+Space Bar): Toggles among various power saving modes. The selected mode is shown on the display.

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.

Windows icon: Displays the start 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	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
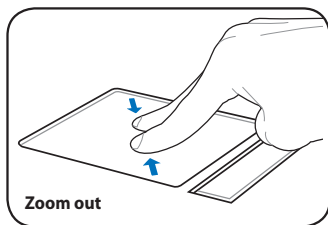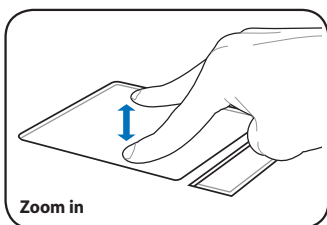
Powering on your Eee PC

First Run Wizard

Operating Mode

Shutdown

Configuring a network connection

Browsing web pages

Eee PC Help

WLAN Setup FAQ

Getting Started 2

Powering on your Eee PC

These are only quick instructions for using your Eee PC.

1. Install the battery pack

2. Connect the AC power adapter
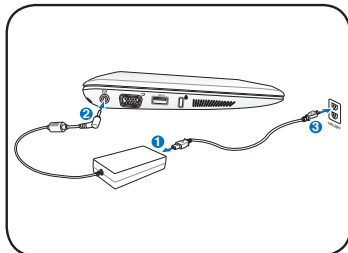
3. Turn ON the Eee PC

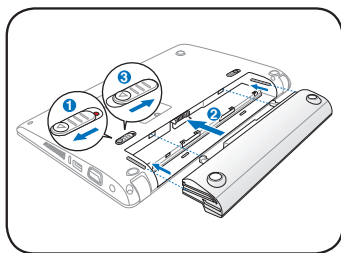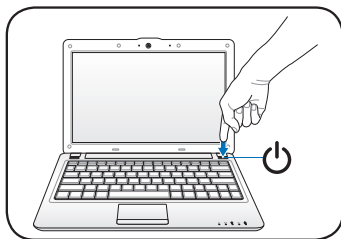Damage may occur if you use a different adapter to power the Eee PC. You may damage both your battery pack(s) and the Eee PC with a faulty AC-DC adapter.

- 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!

- 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 +19Vdc, 2.1A.

- 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.

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.
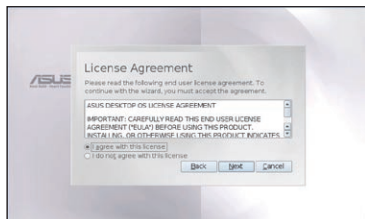
2. Select your keyboard type and click **Next** to continue.
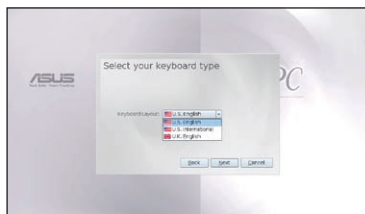
3. Enter your **User Name**. Click **Next** to continue.
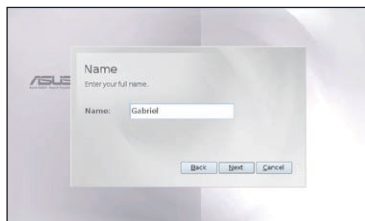
4. Enter your **Password** and enter again to confirm the password. Click **Next** to continue.
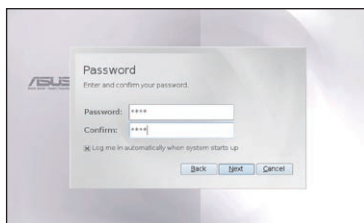
> Click the box before **Log me in automatically when system starts up** if you want to log in without entering your password. Doing so will allow people to access your computer without permission.

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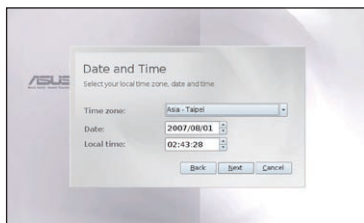
6. After you complete all the wizard instructions, click **Finish** to restart the system, or click **Back** to make changes.
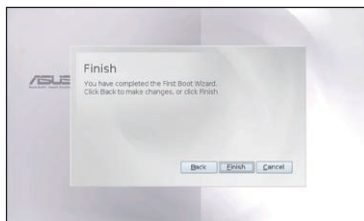
Operating Mode

The system is designed with an operating mode that is function-oriented and clearly divides functions into six categories: **Favorites**, **Internet**, **Work**, **Learn**, **Play**, and **Settings**. 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 **Network Setup** from **Settings** tab.

3. Click **Wireless Networks**.
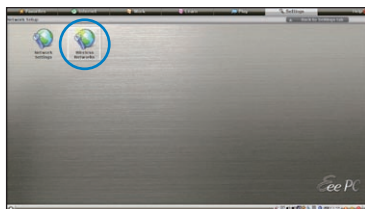
4. Select the wireless access point you want to connect to from the list and click **Connect** to build the connection.
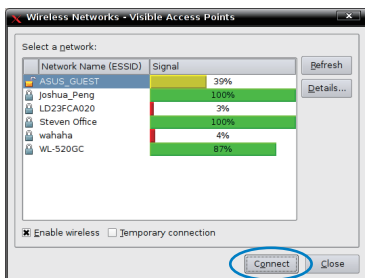
   Ensure that the box before **Enable wireless** is checked.

5. When connecting, you may have to enter a password.
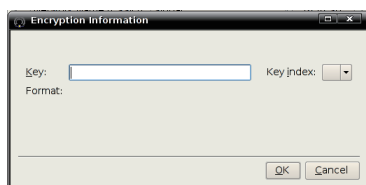
6. After a connection has been established, the connection is shown on the list.

7. 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**.

Configuring a 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

Network hub or switch
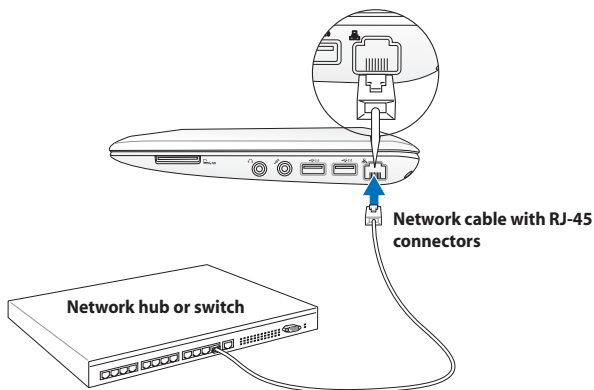
Local Area Network

Using a dynamic IP:

1. Click **Network Setup** from **Settings** tab and click **Network Settings** to configure.

2. Click **Create** to create a network connection.
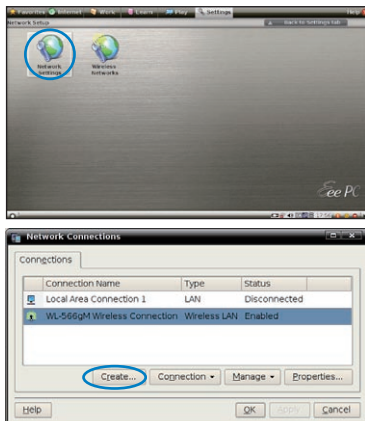
3. Select the type of connection you are using and click **Next**.

4. Select the hardware that you want to use to make your connection and click **Next**.
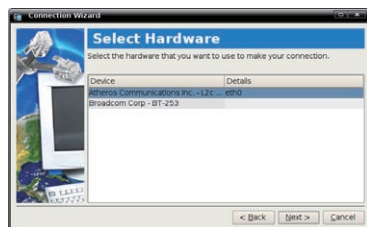
5. Toggle the first option Dynamic IP address (DHCP) and click **Next**.

6. Enter a name for this connection and click **Next**.
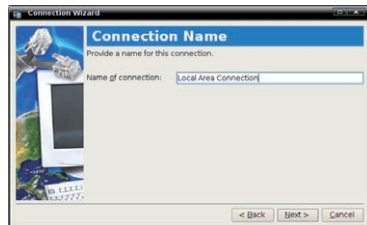
7. Click **Finish** to apply the settings or click **Back** to make changes.

✑ Click the box before **Connect automatically at system startup** or the box before **Start this connection when finished** based on your needs.
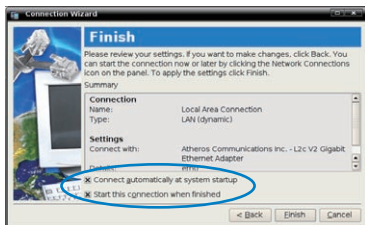
Using a static IP:

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**.
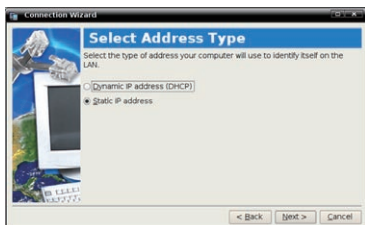
3. Enter the IP address, Subnet mask and Gateway from your service provider.
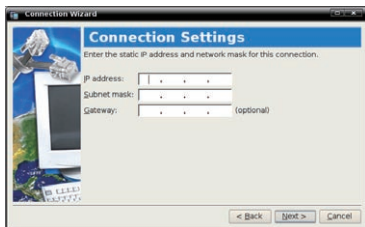
4. There is no need to enter the DNS and WINS address unless you want to override the server provided DNS server address. If so, enter the preferred DNS Server address, alternative address and WINS address of your service provider.

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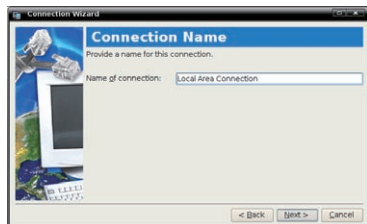
7. Click **Finish** to apply the settings or click **Back** to make changes.

Contact your service provider if you have problem connecting to the internet.

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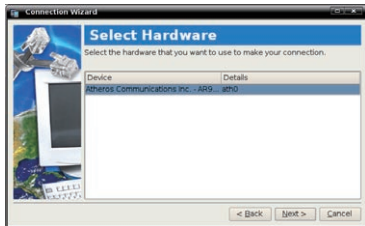
4. Click the **Browse Wireless Networks** button to search for the network point you would like to connect.

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.
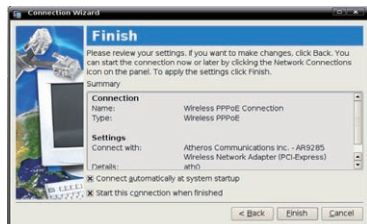
Browsing web pages

After you finish the network setup, click **Web Browser** 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 at **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, click **Text Size** on **View** tab 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.

WLAN Setup FAQ

If you follow the instructions in the manual and fail to build a wireless network connection successfully, refer to the frequently asked questions below for quick solutions to your problems. For more information and advanced wireless network configuration, please visit http://livesupport. asus.com/eeewirelesslinuxhowto.html.

Ensure that the wireless LAN function is enabled before configuring a wireless network connection. If not, press <Fn> + <F2> to activate the wireless LAN function.

1. **The connection status keeps pending.**
    If the network you would like to connect is encrypted, ensure that you have selected the correct encryption key.

2. **How to modify the entered password after the connection is created?**
    Click **Network Setup** from **Settings** tab, click **Network Settings**, and double-click the wireless connection you would like to change password. Click the **Security** tab and re-enter the **Key**.
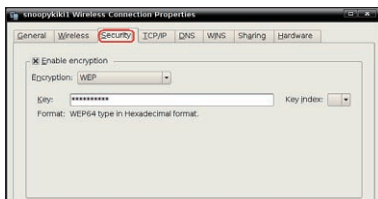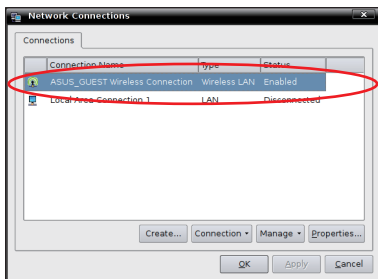
3. Is my USB 3G wireless data card compatible with Eee PC Linux OS?

Contact the wireless card manufacturer for the compatible issue.

4. Is my wireless router compatible with Eee PC Linux OS?

Refer to the manual appendix for our qualified vendor list or contact the router manufacturer for the compatible issue.

5. I cannot build a wireless connection to my wireless router.

Try the following solutions.
- Restart your router and ensure that the router setup is correct.
- Cancel the encryption key (if there's one) and try again.
- The distance from router influences the wireless signal strength. Weak signal strength may fail the connection.

Eee Storage

Super Hybrid Engine

Bluetooth (on selected models)

Skype Sound Setting

Boot Booster

Add/Remove Software

Using the Eee PC

3

Eee Storage (on selected models)

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. 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. Click the Super Hybrid Engine icon in the Notification area to switch 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	Power Saving	P
High Performance	High Performance	H
Super Performance	Super Performance	S
Auto Power-Saving	Auto Power-Saving	AP
Auto High-Performance	Auto High-Performance	HH

> **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.

Overclocking your Eee PC

Super Hybrid Engine automatically overclocks your Eee PC for faster system performance when you switch to **Super Performance** mode. Follow the instructions below to configure the overclock value in BIOS.

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. Adjust the value of the **SHE Overclock value** item.

```
                              BIOS SETUP UTILITY
   Main    Advanced   Security   Boot    Exit
 ┌──────────────────────────────────────────────────────────────────────────┐
   Advanced Settings                          While entering setup,
                                              BIOS auto detects the
   WARNING: Setting wrong values in below sections may    presence of IDE
   cause system to malfunction.                           devices. This displays
                                                          the status of auto
   ►   IDE Configuration                                  detection of IDE
                                                          devices.
   ►   Onboard Devices Configuration

   ►   CPU Configuration

   SHE Overclock Value          [10%]        ←→    Select Screen
                                             ↑↓    Select Item
                                             Enter Go to Sub Screen
                                             F1    General Help
                                             F10   Save and Exit
                                             ESC   Exit

       v02.61 (C)Copyright 1985-2009, American Megatrends, Inc.
```

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

    The most stable overclock value of your Eee PC varies with hardware differences. If system instability occurs due to high overclocking settings, adjust the **SHE Overclock Value** item to a lower setting.

Bluetooth (on selected models)

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.
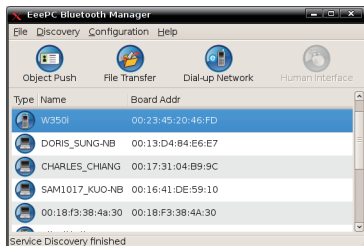
6.   To transfer files to the selected device, click the **File Transfer** button and click **Connect**.
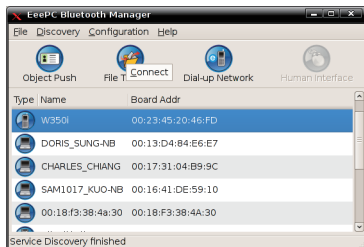
You can also click **Object Push** if you want to send, get or exchange cards.

7.   Enter the Passkey to create the paired relationship with the selected Bluetooth-enabled device and click **OK**.
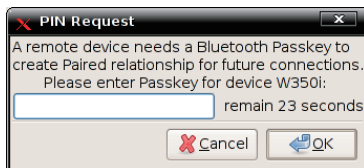
8.   After the paired relationship is successfully built, you can transfer files through Bluetooth.
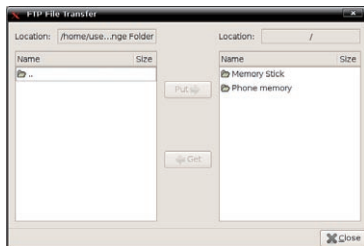
Skype Sound Setting

When using Skpye, you may encounter the situation that you hear the echo of your own voice but the person you're talking to cannot hear you. If this problem occurs, do the following:

1. Right-click the Skype icon in the Notification area, and then select **Options**.
2. Click **Sound Devices** from the function lists at the left side.
3. From both the **Sound In** and **Sound Out** items, select **HDA Intel (hw: Intel,0)**.
4. Click **Apply** to finish the setting.
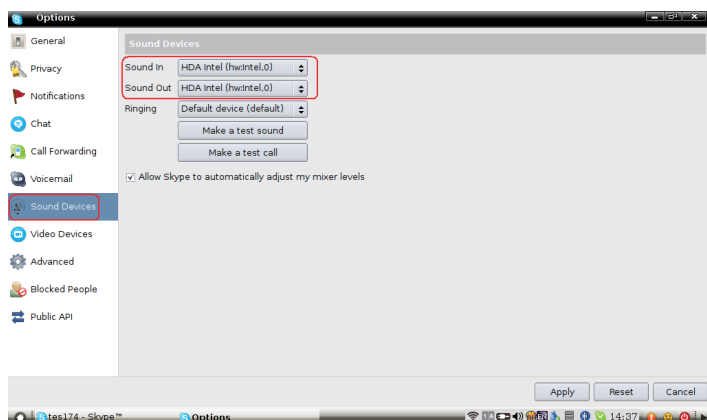
Boot Booster

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

> 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.

```
                        BIOS SETUP UTILITY
  Main     Advanced    Security    Boot     Exit

  ▶  Boot Device Priority                       Specifies the Boot
                                                Device Priority
  ▶  Boot Settings Configuration                sequence.

  OnBoard LAN Boot ROM          [Enabled]       A virtual floppy disk
                                                drive (Floppy Drive B:
  Boot Booster                  [Disabled]      ) may appear when you
                                                set the CD-ROM drive
                                                as the first boot
                                                device.

                                                ←→    Select Screen
                                                ↑↓    Select Item
                                                Enter Go to Sub Screen
                                                F1    General Help
                                                F10   Save and Exit
                                                ESC   Exit

       v02.61 (C)Copyright 1985-2009, American Megatrends, Inc.
```
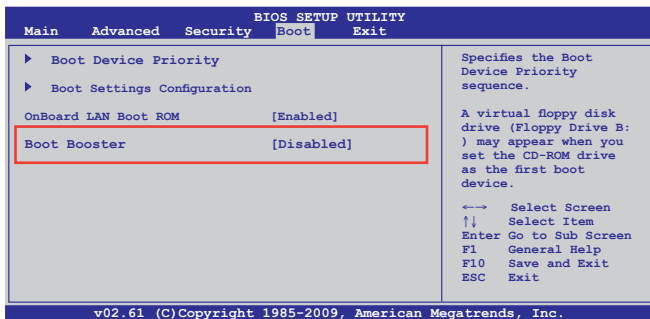
3. Press **<F10>** to save the configuration and restart Eee PC.

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

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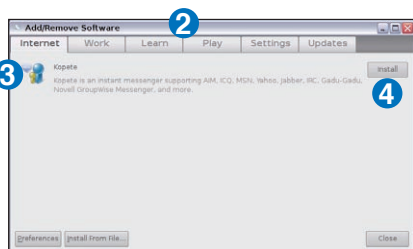
5. Click **OK** to confirm the installation.

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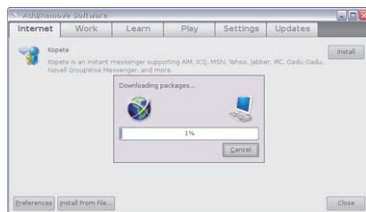
BIOS update

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.
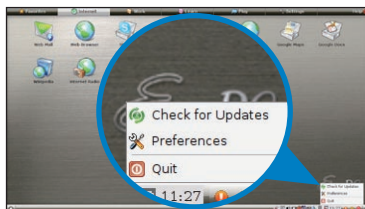
Settings

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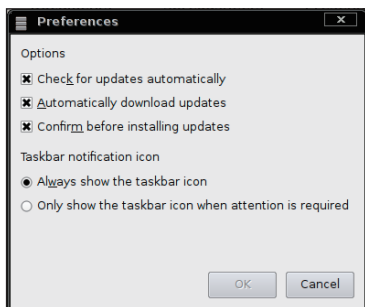
System Recovery

System Recovery *4*

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.

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.

```
 Normal Boot
 Perform Disk Scan
 Restore Factory Settings




 Use the ↑ and ↓ keys to select which entry is highlighted.
 Press enter to boot the selected OS, 'e' to edit the
 commands before booting, or 'c' for command-line.
```
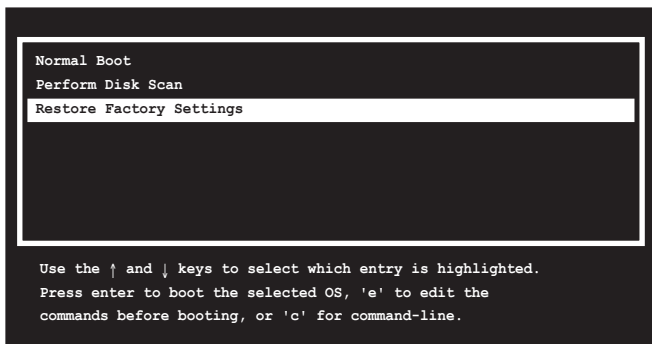
> If the system recovery fails, there might be something wrong with your Eee PC disk drive. Contact your local RMA for support.

Using the Recovery DVD

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.

```
            Please select boot device:

   SATA:PM-Hitachi HTS543216L9SA00
   USB:XXXXXXXX




          ↑ and ↓ to move selection
        ENTER to select boot device
```
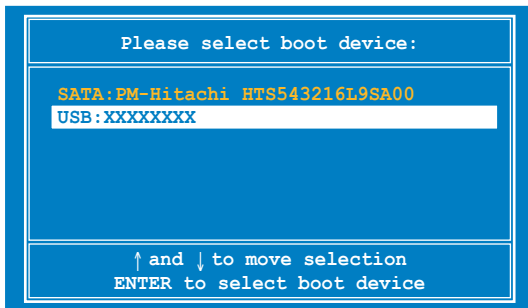
3. Key in **yes** and press **<Enter>** to continue the system recovery:

```
ISOLINUX 3.11 2005-09-02 Copyright (C) 1994-2005 H. Peter Anvin
.

Press <Space> for Troubleshooting Menu...
Loading /boot/vmlinuz.....................
Loading /boot/initrd.gz...........................
Ready.
Uncompressing Linux... Ok, booting the kernel.
Waiting 5 Sec

Ready to image Eee PC using build 2008.03.05_21.08.
Enter "yes" to continue, anything else to reboot.
yes
```

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.

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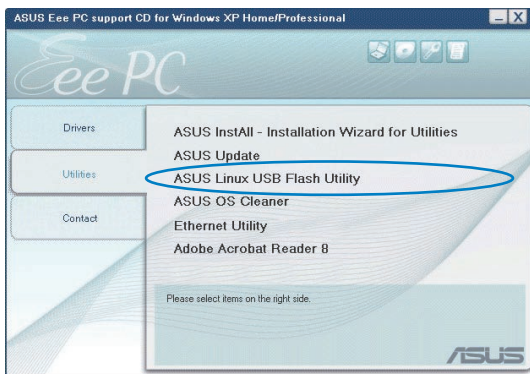
3. Select **Copy Eee PC image files to USB flash and make it bootable**.

> Note that the disk for Eee PC recovery is correct if you have several USB flash disks connected to the PC.
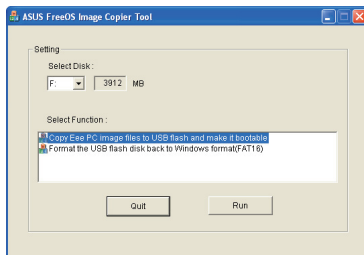
4. Eject the Support CD, insert the Recovery DVD, and click **Run**.

5. Click **Yes** to continue. The system starts formatting your USB flash disk.

Confirm Dialog

The USB flash will be formated and all of the data will be lost. Do you want to run the program?

<Warning> If you want to use the USB flash disk for other purpose in the future. Please use the "Format the USB flash disk back to Windows format (FAT16)" by the tool to resume Windows format.

No   Yes
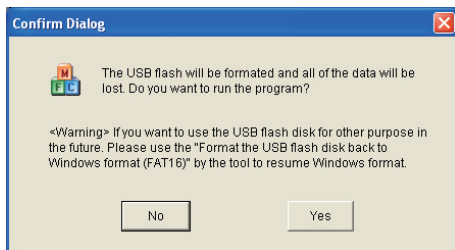
6. A dialog box appears. Follow the instructions to eject the USB disk and replug it to your PC/NB. Click **Retry** to continue.

Confirm Dialog

Please pull out the USB flash disk, then put it back on to allow redetection of the device and Linux file copy.

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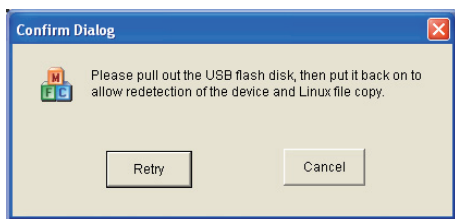
7. Click **OK** to complete the process.

ASUS FreeOS Image Copier Tool

Success format and copy!

OK

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.

```
            Please select boot device:

 SATA:PM-Hitachi HTS543216L9SA00
 USB:XXXXXXXX




          ↑ and ↓ to move selection
          ENTER to select boot device
```
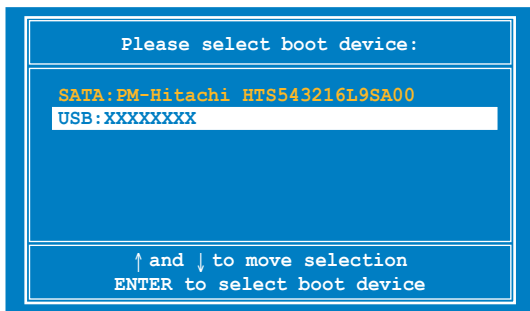
10. Key in **yes** and press **<Enter>** to continue the system recovery.

```
ISOLINUX 3.11 2005-09-02 Copyright (C) 1994-2005 H. Peter Anvin
.

Press <Space> for Troubleshooting Menu...
Loading /boot/vmlinuz......................
Loading /boot/initrd.gz.............................
Ready.
Uncompressing Linux... Ok, booting the kernel.
Waiting 5 Sec

Ready to image Eee PC using build 2008.03.05_21.08.
Enter "yes" to continue, anything else to reboot.
yes
```

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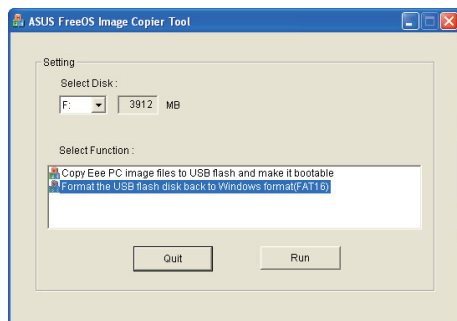
4.   Click **OK** to complete the disk formatting.

　Chapter 4: Support DVD & System Recovery

Preparing to Install Windows® XP

Installing Windows® XP

Support CD Information

Installing Windows® XP **5**

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 3 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 3.
> - Your Eee PC might not be able to detect all the USB flash disks. We recommend you use a USB flash disk smaller than 2G.

Installing Windows® XP

Follow the instructions below to install Windows® XP service pack 3:

1. Connect the power cord to your Eee PC.
2. Insert the Windows XP Service pack 3 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.

```
        Please select boot device:

   SATA:PM-Hitachi HTS543216L9SA00
   USB:XXXXXXXX




        ↑ and ↓ to move selection
     ENTER to select boot device
```
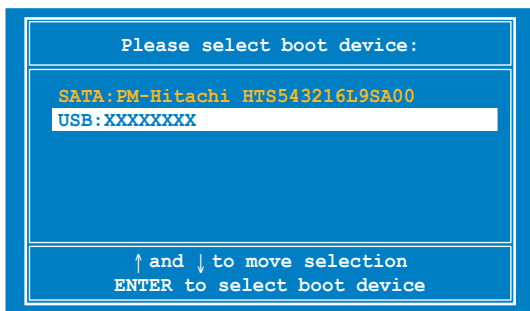
4.   After the Windows® XP installation screen appears. Delete any existing partitions.

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.

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

Google Talk service and its logos are trademarks of Google Inc..

GroupWise service and its logos are trademarks of Novell Inc..

MSN service and its logos are trademarks of Microsoft Corporation.

QQ service and its logos are trademarks of Tencent Inc..

Yahoo! service and its logos are trademarks of Yahoo! Inc..

All other services and logos are either trademarks or registered trademarks of their respective owners.

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. The equipment must not be co-located or operating in conjunction with any other antenna or transmitter. The measured SAR levels evaluated are incompliance with the FCC RF exposure guidelines.

Eee PC 1101HA
Max. SAR Measurement (1g)
AR5B95 (AW-NE785H)
802.11b: 0.091W/Kg
802.11g: 0.084W/kg
802.11n 20MHz: 0.090W/kg
802.11n 40MHz: 0.088W/kg

RT3090 (AW-NE762H)
802.11b: 0.113W/kg
802.11g: 0.096W/kg
802.11n 20MHz: 0.088W/kg
802.11n 40MHz: 0.089W/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 1101HA
Max. SAR Measurement (1g)
AR5B95 (AW-NE785H)
802.11b: 0.091W/Kg
802.11g: 0.084W/kg
802.11n 20MHz: 0.090W/kg
802.11n 40MHz: 0.088W/kg

RT3090 (AW-NE762H)
802.11b: 0.113W/kg
802.11g: 0.096W/kg
802.11n 20MHz: 0.088W/kg
802.11n 40MHz: 0.089W/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	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 Orientales	

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.

REACH Notice

Complying with the REACH (Registration, Evaluation, Authorisation, and Restriction of Chemicals) regulatory framework, we published the chemical substances in our products at ASUS REACH website at http://green.asus.com/english/REACH.htm.

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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ВНИМАНИЕ! При замене аккумулятора на аккумулятор иного типа возможно его возгорание. Утилизируйте аккумулятор в соответствии с инструкциями производителя. (Russian)

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- KMessedWords
- KHangMan
- Kbruch
- Freemind
- Stellarium

- Tux, of Math Command
- Kig
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