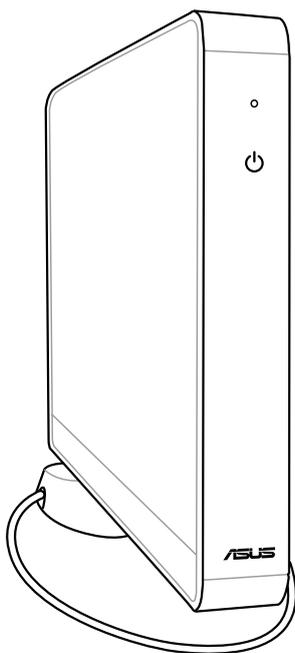


*EeeBox*

English

# **Eee Box PC**

## **User Manual**



**Eee Box PC B2 Series/EB Series**

E5398

Second Edition V2  
February 2010

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Every effort has been made to ensure that the contents of this manual are correct and up to date. However, the manufacturer makes no guarantee regarding the accuracy of its contents, and reserves the right to make changes without prior notice.

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# Notices

## Federal Communications Commission Statement

This device complies with Part 15 of the FCC Rules. 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 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 manufacturer's 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 to 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.



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The use of shielded cables for connection of the monitor to the graphics card is required to assure compliance with FCC regulations. Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

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## Canadian Department of Communications Statement

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

This class B digital apparatus complies with Canadian ICES-003.

## REACH

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

## Safety information

Your Eee Box PC is designed and tested to meet the latest standards of safety for information technology equipment. However, to ensure your safety, it is important that you read the following safety instructions.

### Setting up your system

- Read and follow all instructions in the documentation before you operate your system.
- Do not use this product near water or a heated source such as a radiator.
- Set up the system on a stable surface with the provided stand. Never use the system alone without the stand.
- Openings on the chassis are for ventilation. Do not block or cover these openings. Make sure you leave plenty of space around the system for ventilation. Never insert objects of any kind into the ventilation openings.
- Use this product in environments with ambient temperatures between 0°C and 35°C.
- If you use an extension cord, make sure that the total ampere rating of the devices plugged into the extension cord does not exceed its ampere rating.

### Care during use

- Do not walk on the power cord or allow anything to rest on it.
- Do not spill water or any other liquids on your system.
- When the system is turned off, a small amount of electrical current still flows. Always unplug all power, modem, and network cables from the power outlets before cleaning the system.
- If you encounter the following technical problems with the product, unplug the power cord and contact a qualified service technician or your retailer.
  - The power cord or plug is damaged.

- Liquid has been spilled into the system.
- The system does not function properly even if you follow the operating instructions.
- The system was dropped or the cabinet is damaged.
- The system performance changes.

### Lithium-Ion Battery Warning

**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.

### LASER PRODUCT WARNING

#### CLASS 1 LASER PRODUCT

### NO DISASSEMBLY

**The warranty does not apply to the products that have been disassembled by users**



**DO NOT** throw the Eee Box PC in municipal waste. This product has been designed to enable proper reuse of parts and recycling. 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 technical support services for product recycling.



**DO NOT** throw the battery in municipal waste. This symbol of the crossed out wheeled bin indicates that the battery should not be placed in municipal waste. Check local technical support services for battery replacement.

## European Union Eco-label



This Eee Box PC has been awarded the EU Flower label, which means that this product has the following characteristics:

1. Decreased energy consumption during use and stand-by modes.
2. Limited use of toxic heavy metals.
3. Limited use of substances harmful to the environment and health.
4. Reduction of the use of natural resources by encouraging recycling.
5. Extended product lifetime through the availability of spare parts.
6. Reduced solid waste through takeback policy.

For more information on the EU Flower label, please visit the European Union Eco-label website at <http://europa.eu.int/ecolabel>.

## Takeback and Recycling

Old computers, notebook computers, and other electronic equipment contain hazardous chemicals that are harmful to the environment when disposed in a landfill with trash. By recycling the metals, plastics, and components found in an old computer will be broken down and reused to make new products. And, the environment is protected from any uncontrolled release of harmful chemicals.

ASUS works with recycling vendors with the highest standards for protecting our environment, ensuring worker safety, and complying with global environmental laws. Our commitment to recycling our old equipment grows out of our work to protect the environment in many ways.

For further information about ASUS product recycling and contacts, please visit GreenASUS Takeback and Recycling page (<http://green.asus.com/english/takeback.htm>)

## Notes for this manual

To make sure that you perform certain tasks properly, take note of the following symbols used throughout this manual.



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**WARNING:** Vital information that you **MUST** follow to prevent injury to yourself.

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**IMPORTANT:** Instructions that you **MUST** follow to complete a task.

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**TIP:** Tips and useful information that help you complete a task.

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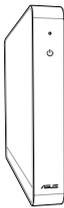
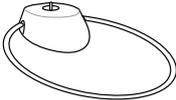
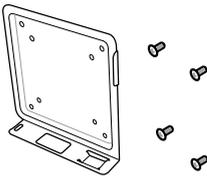
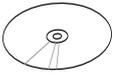
**NOTE:** Additional information for special situations.

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# Welcome

Congratulations on your purchase of the Eee Box PC. The following illustration displays the package contents of your new Eee Box PC. If any of the below items is damaged or missing, contact your retailer.

## Package contents

		
<b>Eee Box PC</b>	<b>Stand</b>	<b>VESA mount and Screw pack (optional)</b>
		
<b>Wireless antenna</b>	<b>AC adapter</b>	<b>Power cord</b>
		
<b>Mini jack to S/PDIF adapter</b>	<b>DVI-VGA adapter (optional)</b>	<b>Recovery/Support DVD(s)</b>
		
<b>Warranty card</b>	<b>User manual</b>	

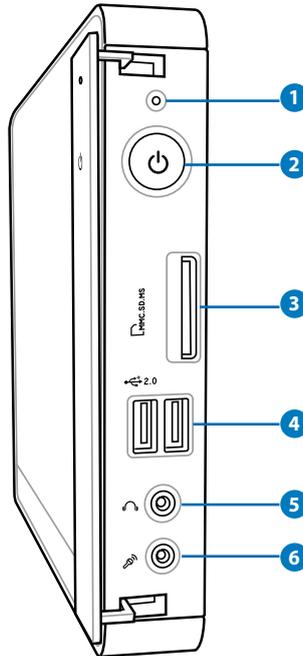


If the device or its components fail or malfunction during normal and proper use within the warranty period, bring the warranty card to the ASUS Service Center for replacement of the defective components.

# Knowing your Eee Box PC

## Front view

Refer to the diagram below to identify the components on this side of the system.



- 1**  **Hard disk LED**  
The hard disk LED blinks when data is being written into or read from the hard disk drive.
- 2**  **Power switch**  
The power switch allows powering ON and OFF the system.
- 3**  **Memory card slot**  
The built-in memory card reader reads MMC/SD/SDHC/MS/MS Pro cards used in devices like digital cameras, MP3 players, mobile phones, and PDAs.

**4**  **2.0 USB port**

The USB (Universal Serial Bus) port is compatible with USB devices such as keyboards, mouse devices, cameras, and hard disk drives. USB allows many devices to run simultaneously on a single computer, with some peripheral acting as additional plug-in sites or hubs.

**5**  **Headphone/Audio Out jack**

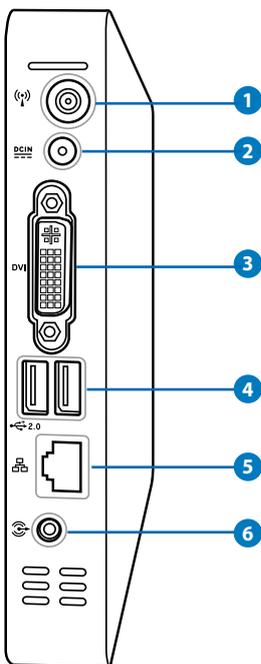
The stereo headphone jack (3.5mm) is used to connect the system's audio out signal to amplified speakers or headphones.

**6**  **Microphone jack**

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

## Rear view

Refer to the diagram below to identify the components on this side of the system.



### 1 Wireless antenna jack

The jack is used to connect the supplied wireless antenna to enhance wireless signal reception.

### 2 Power input (DC 12V / DC 19V)

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



The power adapter may become warm to hot when in use. Do not cover the adapter and keep it away from your body.

### 3 DVI DVI port

The Digital Visual Interface (DVI) port supports a high quality VGA-compatible device such as a monitor or projector to allow viewing on a larger external display.

### 4 2.0 USB port

The USB (Universal Serial Bus) port is compatible with USB devices such as keyboards, mouse devices, cameras, and hard disk drives. USB allows many devices to run simultaneously on a single computer, with some peripheral acting as additional plug-in sites or hubs.

### 5 LAN port

The eight-pin RJ-45 LAN port supports a standard Ethernet cable for connection to a local network.

### 6 Audio Out (S/PDIF Out) jack

Plug an 3.5mm mini-jack audio cable into this jack for analog or digital audio transfer.



For S/PDIF Out function, use the supplied mini jack to S/PDIF adapter to connect to your amplifier.

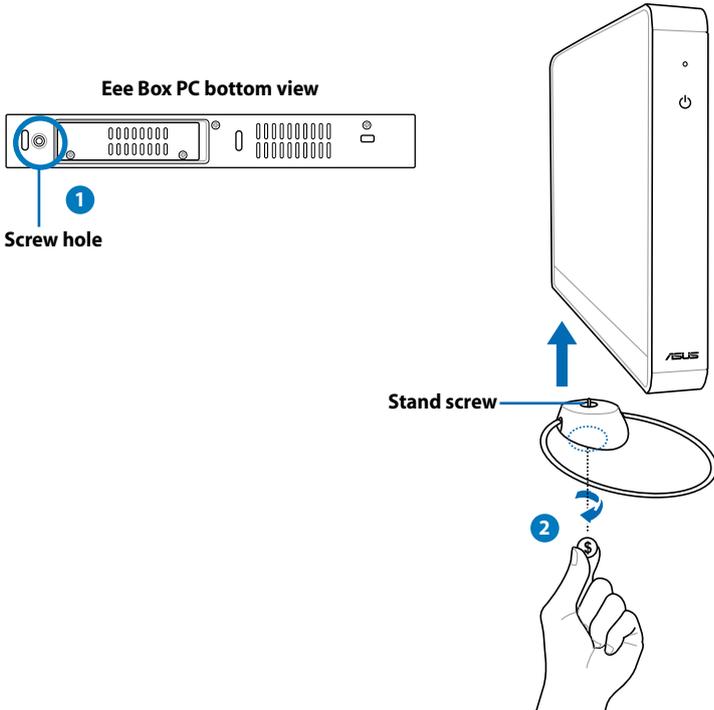


# Positioning your Eee Box PC

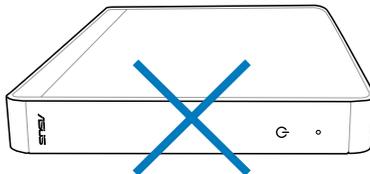
## Installing the stand

Erect your Eee Box PC with the supplied stand. To do so:

1. Locate the screw hole on the bottom of the Eee Box PC.
2. Align the stand screw to the PC screw hole, and then secure the stand to the PC with a coin.



Do not place your Eee Box PC on the desktop without the stand.



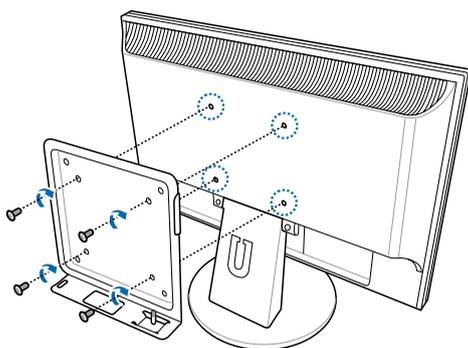
## Installing your Eee Box PC to a monitor

You can also install your Eee Box PC to the back of a monitor. To do so:

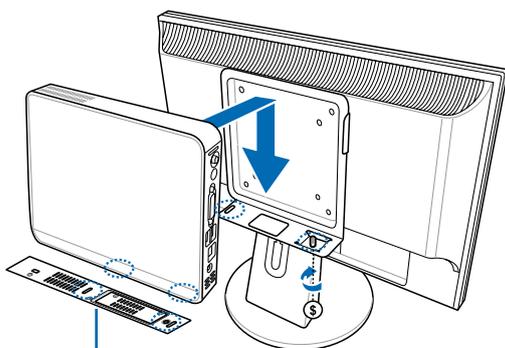
1. Secure the VESA mount (optional accessory) to your monitor with four screws (HNM/M4 x 8).



To fasten the VESA mount, your monitor must comply with VESA75 or VESA100 standard.



2. Place your Eee Box PC on the VESA mount noting the correct alignment, and then secure the PC to the VESA mount with a coin.



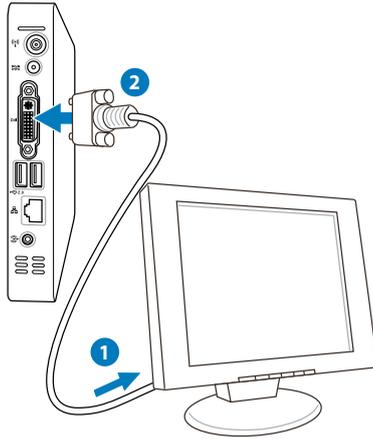
Eee Box PC bottom view

# Setting up your Eee Box PC

You need to connect peripherals before using your Eee Box PC.

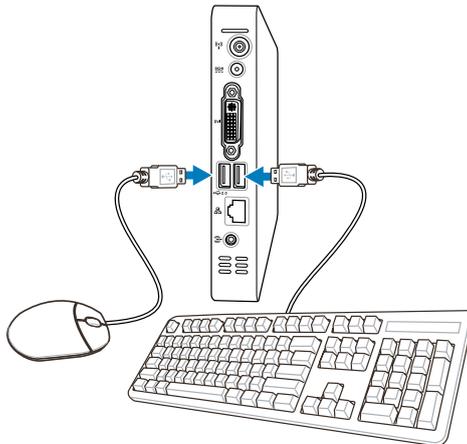
## Connecting to a display

Connect one end of a DVI cable to the display (1) and the other end to the **DVI** port on the system rear panel (2).



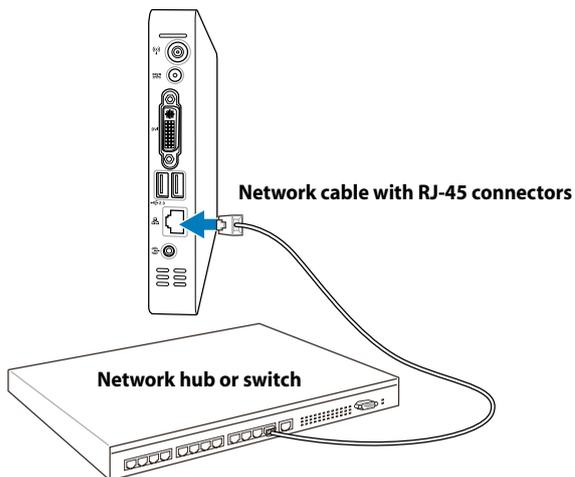
## Connecting to USB devices

Connect USB devices like keyboards, mouse devices, and printers to the **USB** ports on the system rear panel.



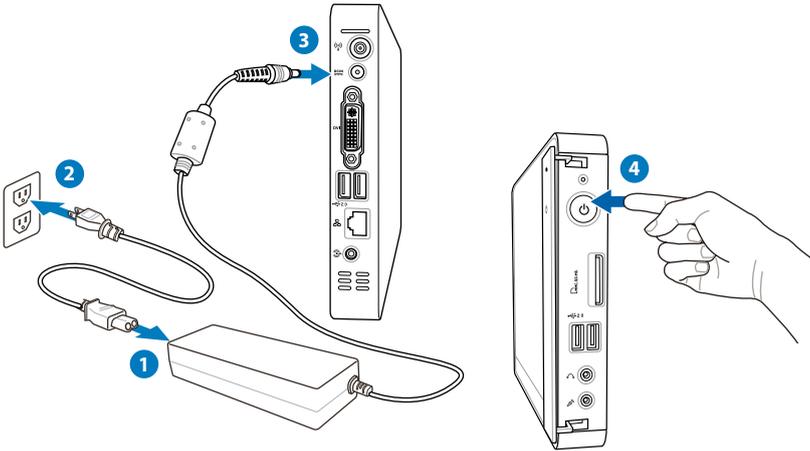
## Connecting to a network device

Connect one end of a network cable to the **LAN** port on the system rear panel and the other end to a hub or switch.



## Turning on the system

Connect the supplied AC adapter to the **DC IN** jack on the system rear panel, and then press the **power switch** on the front panel to turn on the system.



- When your Eee Box PC is not in use, unplug the power adapter or switch off the AC outlet to save on power consumption.
- Adjust the power management settings in the Windows® Control Panel. This is to ensure that your Eee Box PC is set to a low power consumption mode and is fully operational at the same time.



To enter the BIOS setup, press **<F2>** repeatedly during bootup.

# Using your Eee Box PC

## Configuring wireless connection

To connect to a wireless network, follow the instructions below:



Connect the supplied wireless antenna to your Eee Box PC to enhance wireless signal reception.



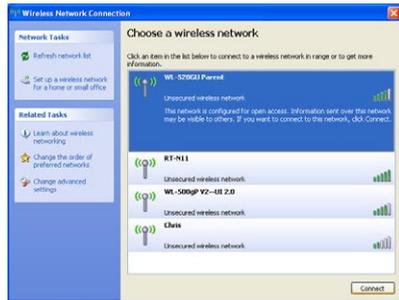
For security concerns, **DO NOT** connect to an unsecured network. Otherwise, the transmitted information without encryption might be visible to others.

1. Double-click the crossed wireless network icon  on the notification area.

2. Select the wireless network you want to connect to from the list and click **Connect**.



Enter the network security key if necessary.



3. After connection was established, you will see **Connected**.



# Configuring wired connection

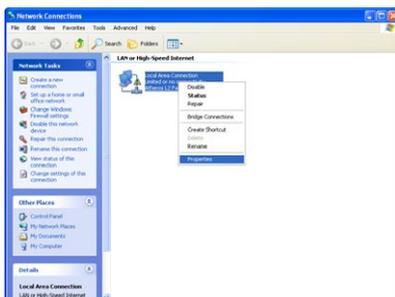
To establish a wired network, follow the instructions below:

## Using a static IP

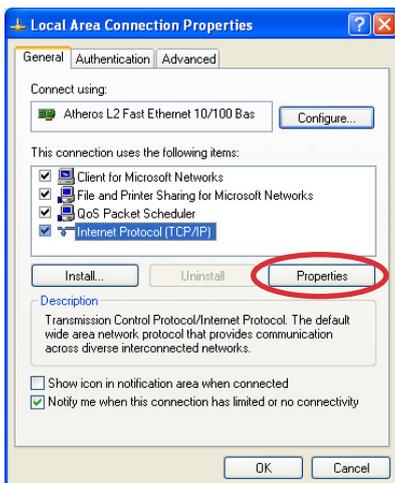
1. Right-click the network icon on the notification area and select **Open Network Connections**.



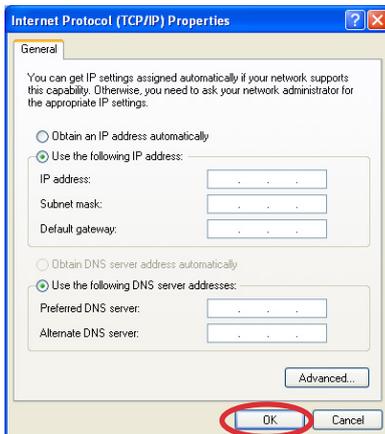
2. Right-click **Local Area Connection** and select **Properties**.



3. Highlight **Internet Protocol (TCP/IP)** and click **Properties**.

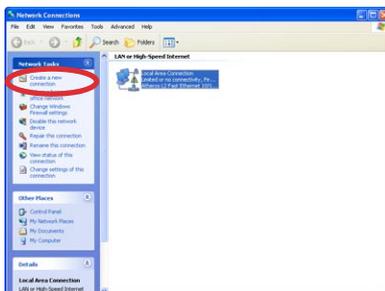
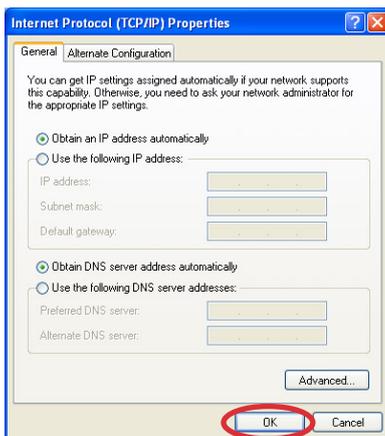


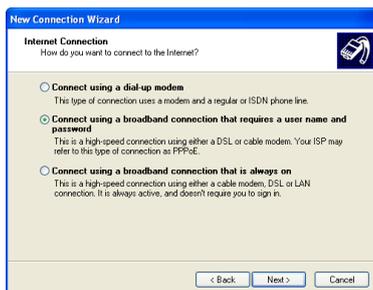
4. Select **Use the following IP address**.
5. Enter your **IP address**, **Subnet mask** and **Default gateway**.
6. If needed, enter the **Preferred DNS server** address.
7. After entering all of the related values, click **OK** to finish the configuration.



## Using a dynamic IP (PPPoE connection)

1. Repeat Step 1–3 in the previous section.
2. Select **Obtain an IP address automatically** and click **OK**.
3. Click **Create a new connection** to start the New Connection Wizard.



4. Click **Next**.5. Select **Connect to the Internet** and click **Next**.6. Select **Set up my connection manually**.7. Select your connection type and click **Next**.8. Enter your ISP Name and click **Next**.9. Enter your User name and Password. Click **Next**.

10. Click **Finish** to finish the configuration.



11. Enter your user name and password. Click **Connect** to connect to the Internet.



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Contact your Internet Service Provider (ISP) if you have problems connecting to the network.

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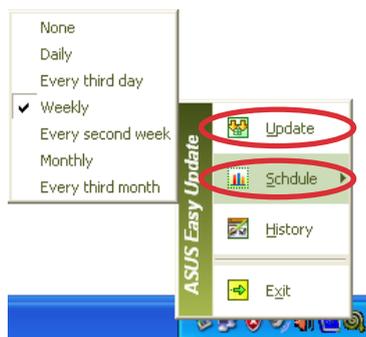
# ASUS Easy Update

ASUS Easy Update is a software tool that automatically detects and downloads the latest BIOS, drivers, and applications for your Eee Box PC.

1. From the Windows® notification area, right-click the **ASUS Easy Update** icon.



2. Select **Schedule** to set how often you want to update your system.
3. Select **Update** to activate the update.



4. Click **OK** to display the items you can download.



5. Check the item(s) you want to download, and then click **OK**.



# Recovering your system

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## Using the recovery DVD

The recovery DVD includes an image of the operating system installed on your system at the factory. The recovery DVD provides a comprehensive recovery solution that quickly restores your system to its original working state, provided that your hard disk drive is in good working order. Before using the recovery DVD, copy your data files (such as Outlook PST files) to a USB device or to a network drive and make note of any customized configuration settings (such as network settings).



---

You must connect an external USB DVD-ROM to your computer before inserting the recovery DVD and support CD.

---

1. Turn on your computer and press **<F8>** to enter the **Please select boot device** menu.
2. Insert the recovery DVD into the optical drive and select the optical drive ("DVDROM: XXX") as the boot device. Press **<Enter>** and then press any key to continue.
3. The **ASUS Recovery DVD** window appears. Select where to install a new system (min. 20GB space is required). Options are:

### **Recover system to a partition**

This option will delete only the partition you select from below, allowing you to keep other partitions. Select a partition and click **NEXT**.

### **Recover system to entire HD**

This option will delete all partitions from your hard disk drive and restore factory settings. Select and click **Yes**.

4. Follow the on-screen instructions to complete the recovery process.



---

You will lose all your data during the system recovery. Make sure that you make a backup of it before recovering the system.

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5. After the system recovery is completed, restart the computer.
6. Set up your language, time zone, keyboard, computer name, and user name to enter the Windows® OS.



---

This recovery DVD is for Eee Box PC only. DO NOT use it on other computers. Visit the ASUS website [www.asus.com](http://www.asus.com) for any updates.

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## Using the hidden partition

The recovery partition includes an image of the operating system, drivers, and utilities installed on your system at the factory. The recovery partition provides a comprehensive recovery solution that quickly restores your system's software to its original working state, provided that your hard disk drive is in good working order. Before using the recovery partition, copy your data files (such as Outlook PST files) to floppy disks or to a network drive and make note of any customized configuration settings (such as network settings).



---

DO NOT delete the partition named "RECOVERY." The recovery partition is created at the factory and cannot be restored by the user if deleted. Take your system to an authorized ASUS service center if you have problems with the recovery process.

---

1. Press <F9> during bootup (requires a recovery partition).
2. The **ASUS Recovery System** window appears. Select **Recover system to a partition**.
3. Select a partition with min. 20GB space and click **Next**.
4. Follow the on-screen instructions to complete the recovery process.
5. Restart the computer after the system recovery is completed.
6. Set up your language, time zone, keyboard, computer name, and user name to enter the Windows® OS.

# ASUS contact information

## ASUSTeK COMPUTER INC.

Address 15 Li-Te Road, Peitou, Taipei, Taiwan 11259  
 Telephone +886-2-2894-3447  
 Fax +886-2-2890-7798  
 E-mail info@asus.com.tw  
 Web site www.asus.com.tw

### **Technical Support**

Telephone +86-21-38429911  
 Online support support.asus.com

## ASUS COMPUTER INTERNATIONAL (America)

Address 800 Corporate Way, Fremont, CA 94539, USA  
 Telephone +1-510-739-3777  
 Fax +1-510-608-4555  
 Web site usa.asus.com

### **Technical Support**

Telephone +1-812-282-2787  
 Support fax +1-812-284-0883  
 Online support support.asus.com

## ASUS COMPUTER GmbH (Germany and Austria)

Address Harkort Str. 21-23, D-40880 Ratingen, Germany  
 Fax +49-2102-959911  
 Web site www.asus.de  
 Online contact www.asus.de/sales

### **Technical Support**

Component Telephone +49-1805-010923  
 System/Notebook/Eee/  
 LCD Telephone +49-1805-010920  
 Support Fax +49-2102-9599-11  
 Online support support.asus.com