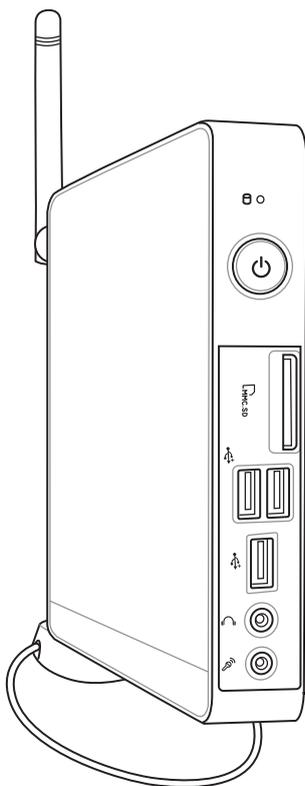


EeeBox

English

EeeBox PC

User Manual



E5343

First Edition V1
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.

CAUTION: Any changes or modifications not expressly approved by the grantee of this device could void the user's authority to operate the equipment.

RF exposure warning

This equipment must be installed and operated in accordance with provided instructions and the antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter. End-users and installers must be provide with antenna installation instructions and transmitter operating conditions for satisfying RF exposure compliance.

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 according to [EN 301 489-1] & [EN 301 489-17]
- 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.

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.

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.

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.

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 EeeBox 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 EeeBox 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.

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.



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



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



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

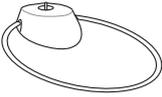
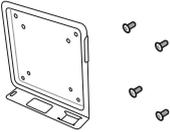


NOTE: Additional information for special situations.

Welcome

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

Package contents

		
EeeBox PC	Stand (optional)	VESA mount and Screw pack (optional)
		
Mini jack to S/PDIF adapter (optional)	AC adapter	Power cord
		
Warranty card	Quick start guide	

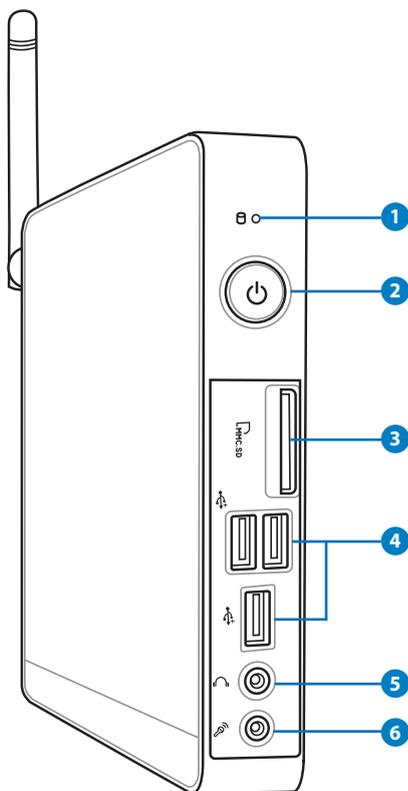


If the device or its components fail or malfunction during normal and proper use within the warranty period, bring the warranty card to the ASUS Service Center for replacement of the defective components.

Knowing your EeeBox 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 cards used in devices like digital cameras, MP3 players, mobile phones, and PDAs.

4  **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**

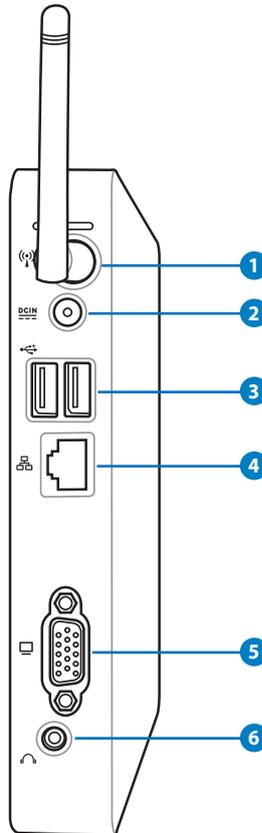
The stereo headphone jack (3.5mm) is used to connect the system's audio out signal to amplified speakers or headphones.

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 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  **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.

4  **LAN port**

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

5  **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.

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

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

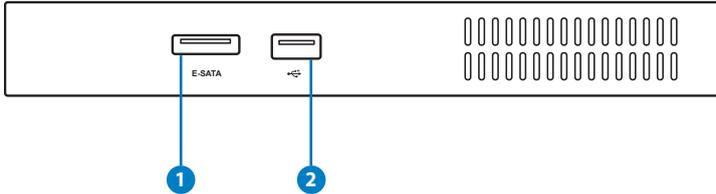


For S/PDIF Out function, use the optional mini jack to S/PDIF adapter to connect to your amplifier.



Top view

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



1 ESATA e-SATA Port

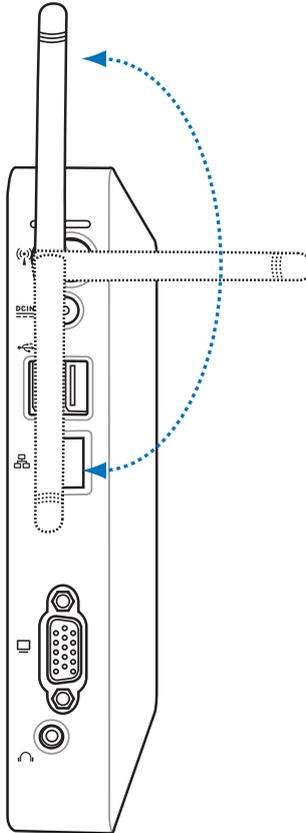
External SATA or eSATA allows external connection of Serial-ATA devices originally designed for use inside the computer. It is up to six times faster than existing USB 2.0, & 1394 for external storage solutions and is also hot pluggable using shielded cables and connectors up to two meters.

2 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.

Using the wireless antenna

The wireless antenna is connected to your EeeBox PC for enhancing wireless signal reception. Do not rotate the wireless antenna to the 180°–270° angle for preventing damage.

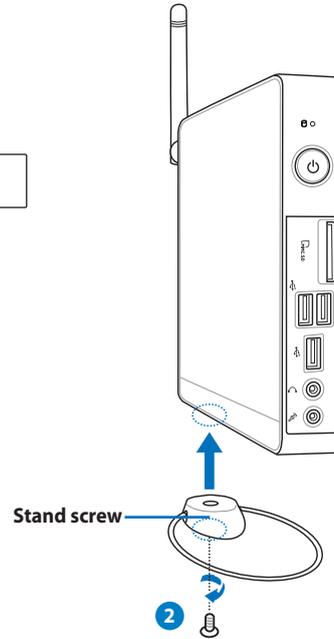
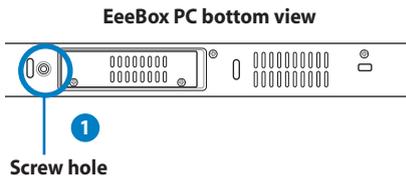


Positioning your EeeBox PC

Installing the stand (optional)

Erect your EeeBox PC with the optional stand. To do so:

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



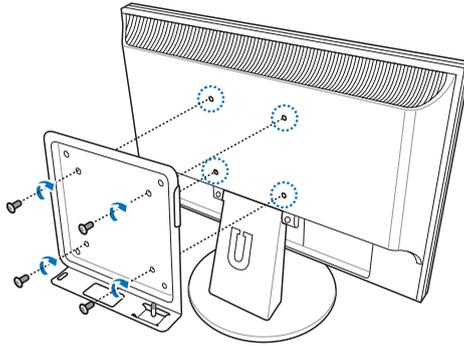
Installing your EeeBox PC to a monitor (optional)

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

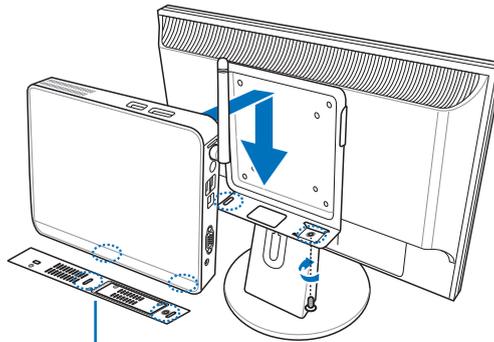
1. Secure the optional VESA mount to your monitor with four screws (HNM/M4 x 8).



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



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



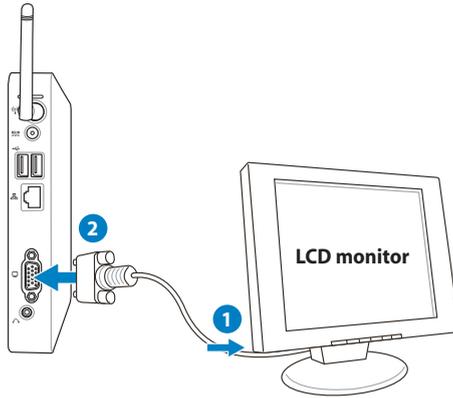
EeeBox PC bottom view

Setting up your EeeBox PC

You need to connect peripherals before using your EeeBox PC.

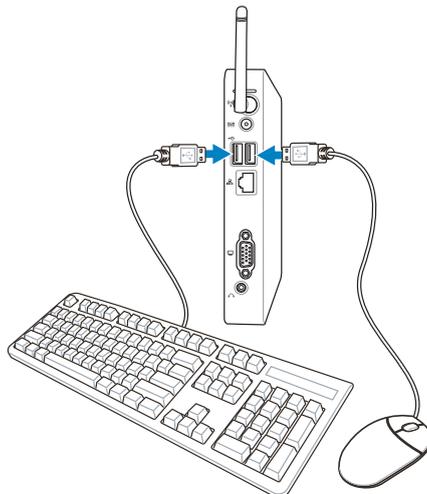
Connecting to a display

Connect one end of the VGA cable to an LCD monitor (1) and the other end to the **Display (Monitor) Output** port on the system rear panel (2).



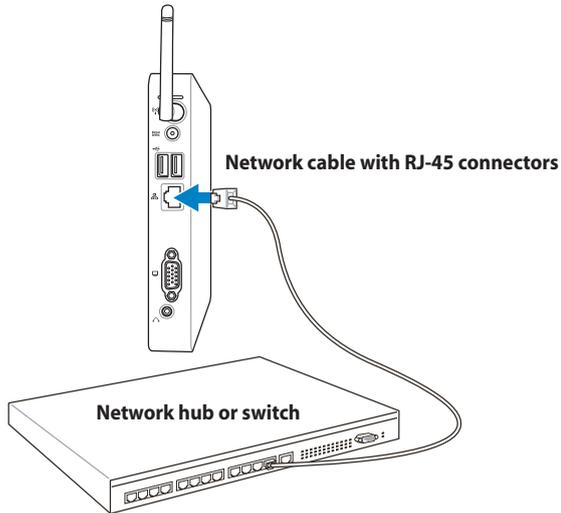
Connecting to USB devices

Connect USB devices like wired/wireless keyboards (varying with areas), mouse devices, and printers to the **USB** ports on the system rear panel.



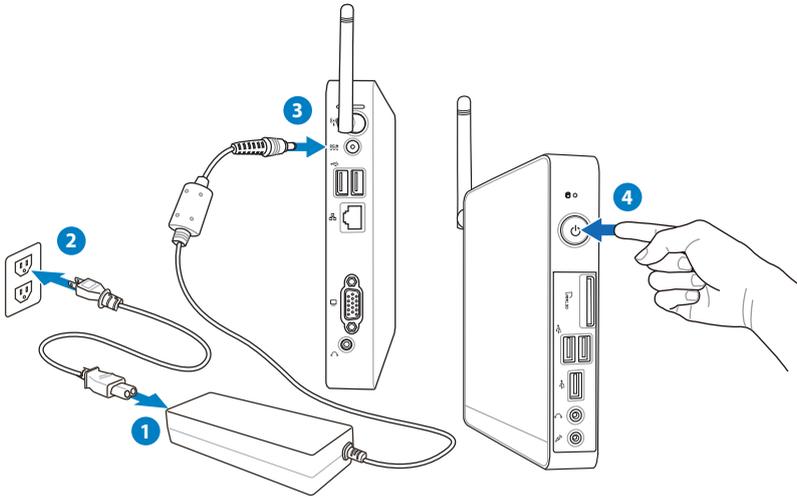
Connecting to a network device

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 EeeBox 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 Window® Control Panel. This is to ensure that your EeeBox 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 EeeBox PC

Configuring wireless connection

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

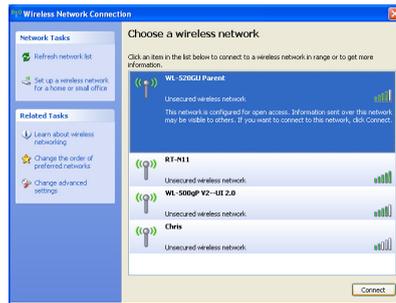


For security concerns, DO NOT connect to an unsecured network. Otherwise, the transmitted information without encryption might be visible to others.

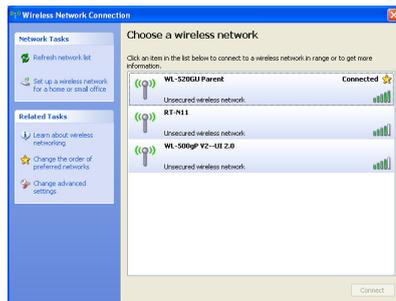
1. Double-click the crossed wireless network icon  on the notification area.
2. Select the wireless network you want to connect to from the list and click **Connect**.



Enter the network security key if necessary.



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



Configuring wired connection

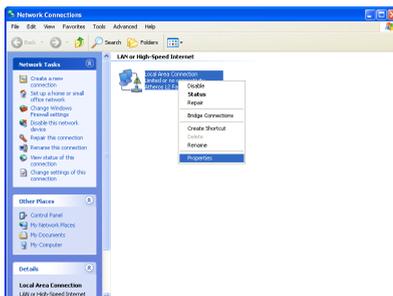
To establish a wired network, follow the instructions below:

Using a static IP

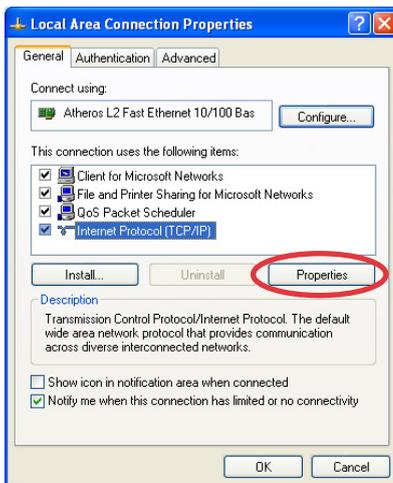
1. Right-click the network icon on the notification area and select **Open Network Connections**.



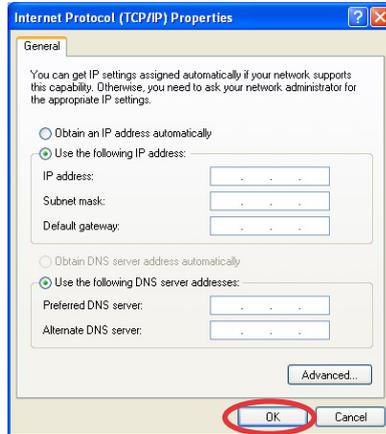
2. Right-click **Local Area Connection** and select **Properties**.



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

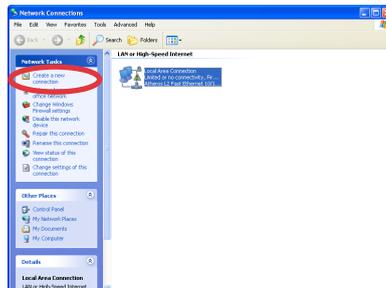
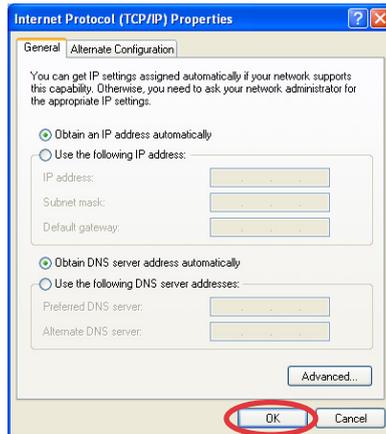


4. Select **Use the following IP address**.
5. Enter your **IP address**, **Subnet mask** and **Default gateway**.
6. If needed, enter the **Preferred DNS server** address.
7. After entering all of the related values, click **OK** to finish the configuration.



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.



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

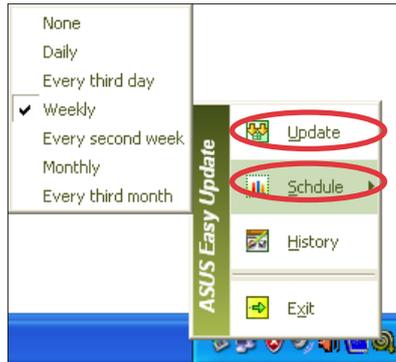
ASUS Easy Update

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

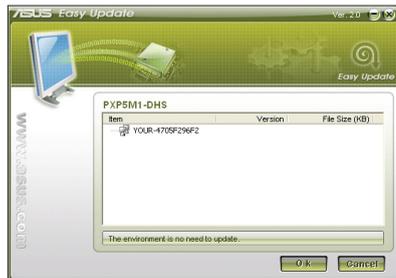
1. From the Windows® notification area, right-click the **ASUS Easy Update** icon.



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

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 a USB device 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