Rock Solid · Heart Touching

ASUS Essentio Desktop PC

User Manual

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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.

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.

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.

Macrovision Corporation Product Notice

This product incorporates copyright protection technology that is protected by method claims of certain U.S. patents and other intellectual property rights owned by Macrovision Corporation and other rights owners. Use of this copyright protection technology must be authorized by Macrovision Corporation, and is intended for home and other limited viewing uses only **unless otherwise authorized by Macrovision Corporation**. Reverse engineering or disassembly is prohibited.

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.
VORSICHT: Explosionsgetahr bei unsachgemäßen Austausch der Batterie. Ersatz nur durch denselben oder einem vom Hersteller empfohlenem ähnljchen Typ. Entsorgung gebrauchter Batterien nach Angaben des Herstellers.

Safety information

- Do not place this product in a location where it may get wet.
- Place this product on a flat and stable surface.
- Do not block the air vents on the chassis. Always provide proper ventilation for this product.
- Do not insert any object or spill liquid into the air vents.
- It is recommended that you use this product in environments with an ambient temperature between 0˚C and 35˚C.
- To prevent fire or electric shock, do not overload power outlets and extension cords.
- Unplug this product from the power source before cleaning. Use a damp cloth for cleaning.
- Use this product only with the correct voltage as instructed by the manufacturer.
- Unplug this product from the power source when it is left unused for a long period of time.
- Do not service this product yourself.

LASER PRODUCT WARNING

CLASS 1 LASER PRODUCT

NO DISASSEMBLY

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

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

Notes for this manual

To ensure 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

Thank you for purchasing the ASUS Desktop PC. The package contents of your new desktop PC are listed below but may vary with models. ASUS reserves the right to replace components or accessories to provide optimum serviceability.

Contact your retailer if any item is damaged or missing.

Package contents

- ASUS Desktop PC x1
- Keyboard x1
- Mouse x1
- Power cord x1
- Support DVD x1
- Recovery DVD x1
- Installation Guide x1
- Warranty card x1
- Remote control (optional) x1
- Portable hard disk drive (HDD) (optional) x1

Visit the ASUS website at http://support.asus.com for updates.

Knowing your Desktop PC

Front / Rear panel features

No.	Button/LED	Description
1.	Optical disk drive eject button	Press this button to eject the optical disk drive.
2.	PUSH	Push to open the Portable HDD (optional) bay cover.
3.	HDD LED	Lights up when data is being read from or written to the hard disk drive.
4.	Power LED	Lights up when the system is powered on.
5.	Power button	Press this button to turn the system on.
6.	IR (optional)	Supports a remote control.
7.	Card reader LED	Lights up when data is being read from or written to the storage card.

NO.	Slot/Port	Description
8.	CF CompactFlash®/ Microdrive™ card slot	Insert a CompactFlash®/ Microdrive™ card into this slot.
9.	MS MemoryStick®/ Memory Stick Pro™ card slot	Insert a MemoryStick®/ Memory Stick Pro™ card into this slot.
10.	SD Secure Digital™/ Multimedia card slot	Insert a Secure Digital™/ Multimedia card into this slot.
11.	Headphone port	Connects to a headphone.
12.	Microphone port	Connects to a microphone.
13.	Portable HDD (optional) bay	Insert the Portable HDD into this bay.
14.	2.0 USB 2.0 ports	Connects to USB devices such as a mouse or keyboard.
15.	1394 IEEE 1394a port	Connects to an IEEE 1394 device such as a digital camrecorder.
16.	2.0 USB 2.0 ports	Connects to USB devices such as a mouse or keyboard.
17.	PS/2 keyboard port	Connects to a PS/2 keyboard.
18.	SPDIF OUT Coxial S/PDIF Out port	Connects to an external audio output device via a coaxial S/PDIF cable.
19.	Parallel port	Connects to a parallel printer, a scanner, or other devices.
20.	VGA port	Connects to a VGA monitor or other VGA-compatible devices.
21.	2.0 USB 2.0 ports	Connects to USB devices such as a mouse or keyboard.

NO.	Slot/Port	Description
22.	1394 IEEE 1394a port	Connects to an IEEE 1394 device such as a digital camrecorder.
23.	LAN (RJ-45) port	Connects to a Local Area Network (LAN) through a network hub.
24.	7.1 (8)-channel audio ports	Connects to a 7.1(8)-channel speaker system.
25.	Power connector	Connects to a power outlet.
26.	Power switch	Switches on/off the power supply.
27.	Voltage selector	Selects the input voltage.
28.	Expansion slots	Support expansion cards.

Setting up your Desktop PC

Connecting devices

Illustrations are for reference only. Actual product specifications may vary.

- It is recommended that you use this product in environments with an ambient temperature below 35˚C.
- Do not block or cover the air vents on the chassis.

Connecting the power

1. Switch the voltage selector to select the appropriate input voltage according to the voltage supply in your area.

> Setting the voltage selector to 115V in a 230V area damages your system!

2. Connect one end of the power cord to the power connector and the other end to a wall power outlet.
3. Press the power switch.

Pressing the power button to turn on the system

Using the Media Center remote (optional)

Use the remote to launch the Media Center program to play media files such as music and movies. You can also install an external TV box to watch TV and record TV programs.

Refer to the table below to familiarize yourself with the functions of the remote control buttons.

No.	Button	Description
1.	Power	Press to turn on/off the power of the screen and the speakers.
2.	Pause	Press to pause a playback.
3.	Stop	Press to stop playing a media file.

4.	Fast-foward	Press to fast-forward a media file.
5.	Next track	Press to go to the next track.
6.	Information	Press to display program information under Media Center or other menu options.
7.	Four-way navigation keys	Press to scroll through on-screen display menus.
8.	Windows® Media Center	Press to launch the Media Center program.
9.	Channel up/down	Press to change TV channels.*
10.	Mute	Press to disable audio output.
11.	Recorded TV	Press to display a list of your recorded TV programs.*
12.	EPG (Electronic Program Guide)	Press to display the electronic program guide screen.*
13.	Live TV button	Press to watch live TV programs. *
14.	Shift	Toggles between numerical and alphabetical input.
15.	Teletext buttons	Available on European models only.
16	Volume up/down	Press to increase/decrease the volume.
17.	OK	Press to confirm an action.
18.	Return	Press to return to the previous page.
19.	Previous track	Press to go back to the previous track.
20.	Rewind	Press to rewind a media file.
21.	Play	Press to play a media file
22	Record	Press to start recording TV.

The system does not come with a built-in TV tuner. To use the TV function, purchase an external TV box first.

Using the Portable HDD (optional)

The front panel of the Portable HDD includes one Power/ Status LED indicator. This LED lights up when the Portable HDD is powered on and blinks when data is being read from or written to the Portable HDD.

The back panel of the Portable HDD includes one eSATA port and one mini USB port.

- To use the Portable HDD on your ASUS Essentio Desktop PC, insert it into the Portable HDD bay.
- To use the Portable HDD on a non-ASUS Essentio Desktop PC, connect one end of a USB cable to the mini USB port at the back of the Portable HDD and the other end to a free USB port on the PC.

  For faster data transmission rate, also connect one end of an eSATA cable to the eSATA port at the back panel of the Portable HDD and the other end to an eSATA port on the PC.

Recovering your system

Using the Recovery DVD

The Recovery DVD includes an image of the operating system installed on your system at the factory. The Recovery DVD, working with the Support 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).

1. Turn on your ASUS Desktop PC and the ASUS logo appears. Press **F8** to enter the **Please select boot device** menu.
2. Insert the Recovery DVD into the optical drive and select the optical drive ("CDROM:XXX") as the boot device. Press **Enter** and then press any key to continue.
3. The **Windows Boot Manager** window appears. Select **Windows Setup [EMS Enabled]** and press **Enter**. Wait when the **Windows is loading files** message appears.
4. Select where to install a new system. Options are:

   Recover system to a partition

   This option deletes only the partition you select from below, allowing you to keep other partitions, and creates a new system partition as drive "C".

   Recover system to entire HD

   This option deletes all partitions from your hard disk drive and creates a new system partition as drive "C".
5. Follow the onscreen instructions to complete the recovery process.

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

6. Insert the Support DVD into the optical drive when prompted. Click **OK** and the system reboots.
7. After the system reboots, Windows® Vista™ begins system configurations. Follow the onscreen instructions to complete the process, and then restart the computer.

This Recovery DVD is for ASUS Desktop PC only. **DO NOT** use it on other computers. Visit the ASUS website at www.asus.com for updates.

Overclocking your system

Refer to the following instructions when you install an Intel® Core™2 Quad Q9550/Q6600/Q9400 CPU on your ASUS Essentio Desktop PC.

By default, the **Overclock Options** item in the BIOS is set to **[Overclock 15%]**. To view the **Overclock Options** item, go to **Advanced** > **JumperFree Configuration** > **AI Overclock Tuner [Overclock Profile]**.

To load the default settings for your system:

1. Boot the system and press **<Del>** during the Power-On Self-Test (POST) to enter the BIOS Setup program.
2. Go to **Exit** > **Load Setup Defaults**. Press **<Enter>**.
3. Select **OK** in the confirmation message.

Using ASUS AI Gear2

ASUS AI Gear2 provides four system performance profiles that adjust the processor frequency and vCore voltage to minimize the system noise and power consumption.

After installing AI Gear2 from the bundled Support DVD, double-click the AI Gear2 icon in the Windows® taskbar to launch this utility.

Shift the gear to the system performance profile that meets your computing needs.

To use the ASUS AI Gear2 utility on your system:

1. Boot the system and press **<Del>** during the Power-On Self-Test (POST) to enter the BIOS Setup program.
2. Go to **Advanced** > **JumperFree Configuration**. Set the **AI Overclock Tuner** item to **[Auto]**.
3. Press **<F10>** to save your change, then the system reboots.
4. Launch **AI Gear2**.

Troubleshooting

This section provides solutions to some common problems which you may encounter when using the ASUS Desktop PC. Contact the ASUS technical support if the problem still exists after you have performed the troubleshooting solutions.

What can I do if my Desktop PC cannot be powered on?

Check if the power LED on the front panel lights up. It does not light up if no power is supplied to the system.

- Check if the power cord is plugged in.
- When you use an extension cord or a voltage regulator, check if you have plugged it into a power outlet and switched it on.

What can I do if my Desktop PC cannot enter the operating system?

- Check if you use the memory modules that the system supports and if you install them properly.
- Check if your peripheral devices are compatible with the system. For example, some USB storage devices are with different disk drive structure and enter the sleep mode easily.

If the above steps do not solve the problem, contact your retailer or perform system recovery using the supplied Recovery DVD.

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

Why is it that I cannot hear anything from my speakers/ headphones?

Check if the volume icon in the Windows® taskbar is set to the **Mute** mode . If so, double-click this icon to display the volume bar, and then deselect the **Mute** checkbox to disable the **Mute** mode .

Why is it that a CD/DVD cannot be read from or written to?

- Check if you use a disc compatible with the optical drive.
- Check if you insert the disc properly or if there is any scratch on the disc.
- Check if the disc is write-protected.