Notebook PC
User Manual

E7597
September 2012

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Table of Contents

About this manual

This manual provides a quick and easy guide for setting up and using your Notebook PC right out of its package.

As you read along, you will find certain messages used as below.

Conventions used in this manual

To highlight key information in this manual, some text are presented as follows:

IMPORTANT! This message contains vital information that must be followed to complete a task.

NOTE: This message contains additional information and tips that can help complete tasks.

WARNING! This message contains important information that must be followed to keep you safe while performing certain tasks and prevent damage to your Notebook PC's data and components.

E-Manual version

To know more about your Notebook PC's software features and hardware details, download the English e-manual from:

http://support.asus.com/download/options.aspx?SLanguage=en

Safety precautions

Using your Notebook PC

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

Refer to the rating label on the bottom of the Notebook PC and ensure that your power adapter complies with this rating.

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

Do not leave your Notebook PC on your lap or near any part of your body to prevent discomfort or injury from heat exposure.

Do not use damaged power cords, accessories, and other peripherals with your Notebook PC.

While powered on, ensure that you do not carry or cover your Notebook PC with any materials that can reduce air circulation.

Do not place your Notebook PC on uneven or unstable work surfaces.

You can send your Notebook PC through airport x-ray machines (used on items placed on conveyor belts), but do not expose them to magnetic detectors and wands.

Contact your airline provider to learn about related inflight services that can be used and restrictions that must be followed when using your Notebook PC in-flight.

Caring for your Notebook PC

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

Do not use strong solvents such as thinners, benzene, or other chemicals on or near your Notebook PC.

Do not place objects on top of your Notebook PC.

Do not expose your Notebook PC to strong magnetic or electrical fields.

Do not use or expose your Notebook PC near liquids, rain, or moisture.

Do not expose your Notebook PC to dusty environments.

Do not use your Notebook PC near gas leaks.

Proper disposal

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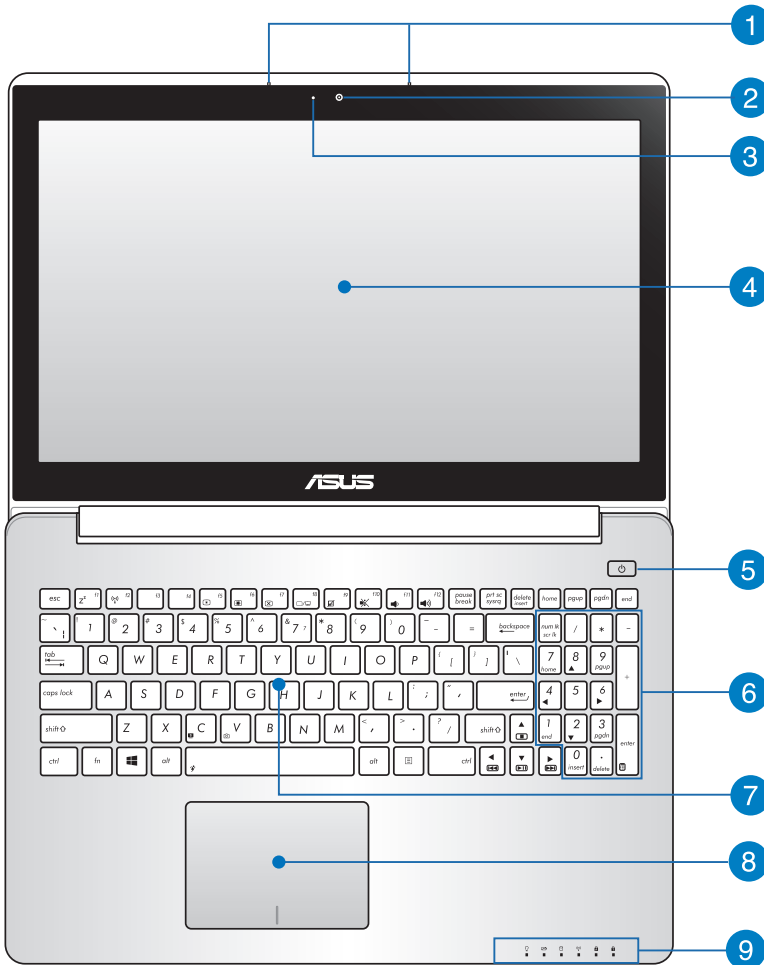
Getting to know your Notebook PC

Top View

NOTE: The keyboard's layout may vary per region or country. The top view may also vary in appearance depending on the Notebook PC model.

Notebook PC User Manual

1 Microphone

The built-in microphone can be used for video conferencing, voice narrations, or simple audio recording.

2 Camera

The built-in camera allows you to take pictures or record videos using your Notebook PC.

3 Camera indicator

The camera indicator lights up when the built-in camera is in use.

4 Display panel

This high-definition display panel provides excellent viewing features for photos, videos, and other multimedia files on your Notebook PC.

5 Power button

Press the power button to turn your Notebook PC on or off. You can also use the power button to put your Notebook PC to sleep or hibernate mode and wake it up from sleep or hibernate mode.

In the event that your Notebook PC becomes unresponsive, press and hold the power button for about four (4) seconds until your Notebook PC shuts down.

6 Numeric keypad (on selected models)

The numeric keypad toggles between these two functions: for numeric input and as pointer direction keys.

7 Keyboard

The keyboard provides full-sized QWERTY keys with a comfortable travel depth for typing. It also enables you to use the function keys, allows quick access to Windows®, and controls other multimedia functions.

> **NOTE:**
> - The keyboard layout differs by model or territory.
> - Some selected models come with a backlit keyboard.

8 Touchpad

The touchpad allows the use of multi-gestures to navigate onscreen, providing an intuitive user experience. It also simulates the functions of a regular mouse.

9 Status indicators

The status indicators help identify the current hardware status of your Notebook PC.

Power Indicator

The power indicator lights up when the Notebook PC is turned on and blinks slowly when the Notebook PC is in sleep mode.

Two-color battery charge indicator

The two-color LED provides a visual indication of the battery's charge status. Refer to the following table for details:

Color	Status
Solid Green	Battery power is between 95% and 100%.
Solid Orange	Battery power is less than 95%.
Blinking Orange	Battery power is less than 10%.
Lights off	Battery power is more than 10% and below 100%.

Drive activity indicator

This indicator lights up when your Notebook PC is accessing the internal storage drives.

Bluetooth / Wireless indicator (on selected models)

This indicator lights up to indicate that your Notebook PC's Bluetooth function or wireless LAN is enabled.

Number lock indicator

This indicator lights up when the number lock function is activated. Using number lock allows some of the keyboard letters to function as numbers for easier numeric data input.
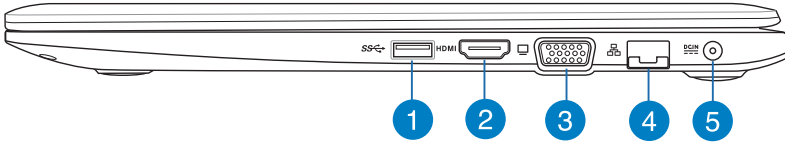
Capital lock indicator (on selected models)

This indicator lights up when the capital lock function is activated. Using capital lock allows you to type capitalized letters (such as A, B, C) using your Notebook PC's keyboard.

Right Side

1 **USB 3.0 port**

This Universal Serial Bus 3.0 (USB 3.0) port provides a transfer rate of up to 5 Gbit/s and is backward compatible to USB 2.0.

2 **HDMI port**

This port is for a High-Definition Multimedia Interface (HDMI) connector and is HDCP compliant for HD DVD, Blu-ray, and other protected content playback.

3 **VGA port**

This port allows you to connect your Notebook PC to an external display.

4 **LAN port**

Insert the network cable into this port to connect to a local area network (LAN).

5 **Power (DC) input port**

Insert the bundled power adapter into this port to charge the battery pack and supply power to your Notebook PC.
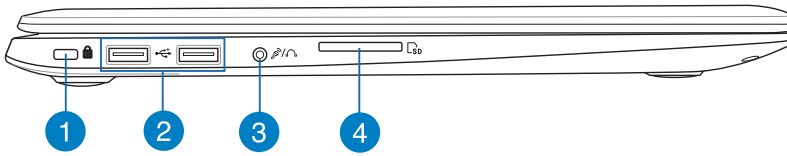
> **WARNING!** The adapter may become warm to hot while in use. Do not cover the adapter and keep it away from your body while it is connected to a power source.

> **IMPORTANT!** Use only the bundled power adapter to charge the battery pack and supply power to your Notebook PC.

Left Side

1. **Kensington® lock port**

   The Kensington® lock port allows you to secure your Notebook PC using Kensington® compatible Notebook PC security products.

2. **USB 2.0 port**

   The USB (Universal Serial Bus) port is compatible with USB 2.0 or USB 1.1 devices such as keyboards, pointing devices, flash disk drives, external HDDs, speakers, cameras and printers.

3. **Headphone output/microphone input combo jack port**

   This port allows you to connect your Notebook PC' to amplified speakers or headphones. You can also use this port to connect your Notebook PC to an external microphone.

4. **Memory card reader**

   This Notebook PC has a single built-in memory card reader slot that support SD card formats.
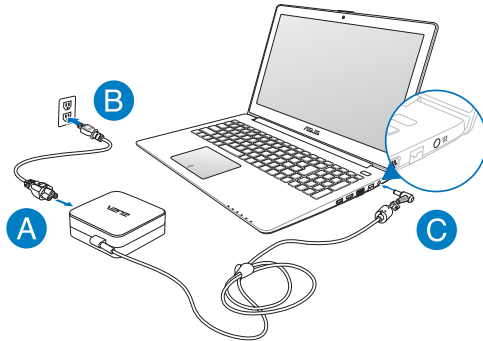
Getting started

Charge your Notebook PC.

A.   Connect the AC power cord to the AC/DC adapter.

B.   Plug the AC power adapter into a 100V~240V power source.

C.   Connect the DC power connector into your Notebook PC's power (DC) input.

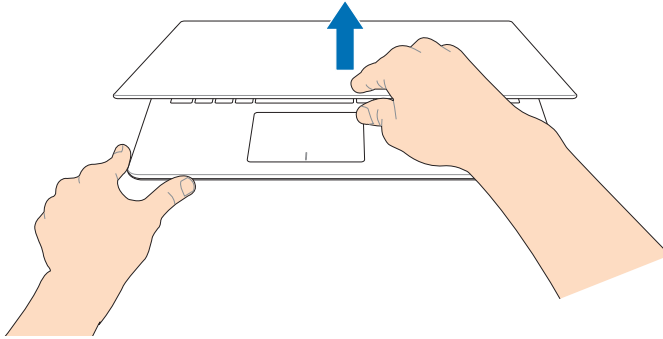Charge the Notebook PC for **3 hours** before using it in battery mode for the first time.

IMPORTANT!

•   Ensure that your Notebook PC is connected to the power adapter before turning it on for the first time.

•   Locate the input/output rating label on your Notebook PC and ensure that it matches the input/output rating information on your power adapter. Some Notebook PC models may have multiple rating output currents based on the available SKU.

•   When using your Notebook PC on power adapter mode, the socket outlet must be near to the unit and easily accessible.

•   Power adapter information:

    –   Input voltage: 100-240Vac

    –   Input frequency: 50-60Hz

    –   Rating output current: 3.42A (65W)
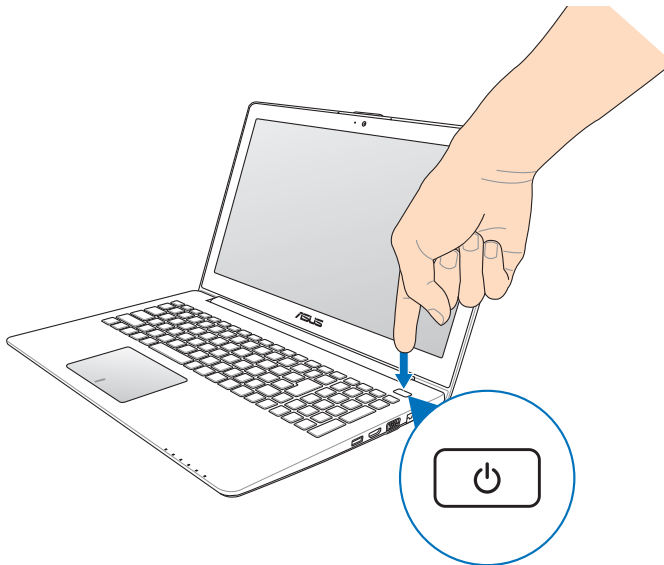
    –   Rating output voltage: 19Vdc

Lift to open the display panel.

Press the power button.

Appendix A
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.

• 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 causes 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 doing 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.

WARNING! 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

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

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

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 301 489-17]

- Effective use of the radio spectrum as in [Article 3.2]

- Radio test suites according to [EN 300 328-2]

CE Mark Warning

CE marking for devices without wireless LAN/Bluetooth

The shipped version of this device complies with the requirements of the EEC directives 2004/108/EC "Electromagnetic compatibility" and 2006/95/EC "Low voltage directive".

CE marking for devices with wireless LAN/ Bluetooth

This equipment complies with the requirements of Directive 1999/5/EC of the European Parliament and Commission from 9 March, 1999 governing Radio and Telecommunications Equipment and mutual recognition of conformity.

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.

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

> **NOTE:** 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.arcep.fr)

NOTE: 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 Notebook 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 Notebook 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 Notebook PC during an electrical storm. There may be a remote risk of electric shock from lightning.

- DO NOT use the Notebook 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 Notebook 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.

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://csr.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)

標準品以外の使用は、危険の元になります。交換品を使用する場合、製造者に指定されるものを使って下さい。製造者の指示に従って処理して下さい。(Japanese)

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

ENERGY STAR complied product

ENERGY STAR is a joint program of the U.S. Environmental Protection Agency and the U.S. Department of Energy helping us all save money and protect the environment through energy efficient products and practices.

All ASUS products with the ENERGY STAR logo comply with the ENERGY STAR standard, and the power management feature is enabled by default. The monitor and computer are automatically set to sleep after 15 and 30 minutes of user inactivity. To wake your computer, click the mouse or press any key on the keyboard. Please visit http://www.energy.gov/powermanagement for detail information on power management and its benefits to the environment. In addition, please visit http://www.energystar.gov for detail information on the ENERGY STAR joint program.

NOTE: Energy Star is not supported on FreeDOS and Linux-based operating systems.

European Union Eco-label

This Notebook 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.   Designed for easy upgrades and longer lifetime through providing compatible spare parts such as batteries, power supplies, the keyboard, the memory, and if available the CD drive or DVD drive.

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://www.ecolabel.eu.

Prevention of Hearing Loss

 To prevent possible hearing damage, do not listen at high volume levels for long periods.

Global Environmental Regulation Compliance and Declaration

ASUS follows the green design concept to design and manufacture our products, and makes sure that each stage of the product life cycle of ASUS product is in line with global environmental regulations. In addition, ASUS disclose the relevant information based on regulation requirements.

Please refer to http://csr.asus.com/english/Compliance.htm for information disclosure based on regulation requirements ASUS is complied with:

Japan JIS-C-0950 Material Declarations

EU REACH SVHC

Korea RoHS

Swiss Energy Laws

ASUS Recycling/Takeback Services

ASUS recycling and takeback programs come from our commitment to the highest standards for protecting our environment. We believe in providing solutions for you to be able to responsibly recycle our products, batteries, other components as well as the packaging materials. Please go to http://csr.asus.com/english/Takeback.htm for detailed recycling information in different regions.

Coating Notice

IMPORTANT! To provide electrical insulation and maintain electrical safety, a coating is applied to insulate the device except on the areas where the I/O ports are located.

Regional notice for Singapore

Complies with
IDA Standards
DB103778

This ASUS product complies with IDA Standards.

Appendix B

The Power-on Self-test (POST)

The Power-on Self-test (POST) is a series of software-controlled diagnostic tests that run when you turn on or restart your Notebook PC. The software that controls the POST is installed as a permanent part of the Notebook PC's architecture.

Using POST to access BIOS and Troubleshoot

During POST, you can access the BIOS settings or run troubleshooting options using the function keys of your Notebook PC.

BIOS

The Basic Input and Output System (BIOS) stores system hardware settings that are needed for system startup in the Notebook PC.

The default BIOS settings apply to most conditions of your Notebook PC.

NOTE: For more details, refer to the *BIOS* section in the E-Manual.

Troubleshoot

By pressing [f9] during POST, you can access Windows® 8 troubleshoot options which includes the following:

- **Refresh your PC**
- **Reset your PC**
- **Advanced options**

NOTE: For more details, refer to the *Troubleshoot* section in the E-Manual.

Using System Image Recovery

Under **Advanced options**, you can use **System Image Recovery** to recover your system using a specific image file.
To access this during POST:

1. Restart your Notebook PC then press [f9] during POST.

2. Wait for Windows® to load the Choose an option screen then tap **Troubleshoot.**

3. Tap **Advanced options.**

4. In the Advanced options screen, select **System Image Recovery.**

5. Choose an account you would like to recover using a system image file.

6. Type your account password then tap **Continue**.

7. Select **Use the latest available system image (recommended),** then tap **Next.** You can also choose **Select a system image** if your system image is in an external device or DVD.

8. Follow the succeeding steps to complete the system image recovery procedure.

> **NOTE:** We strongly recommend that you regularly backup your system to prevent data loss in case your Notebook PC stops working.

EC Declaration of Conformity

We, the undersigned,

Manufacturer:	ASUSTek COMPUTER INC.
Address, City:	No. 150, LI-TE RD., PEITOU, TAIPEI 112, TAIWAN R.O.C.
Country:	TAIWAN
Authorized representative in Europe:	ASUS COMPUTER GmbH
Address, City:	HARKORT STR. 21-23, 40880 RATINGEN
Country:	GERMANY

declare the following apparatus:

Product name :	Notebook PC
Model name :	S400C, V400C, R407C

conform with the essential requirements of the following directives:

☒**2004/108/EC-EMC Directive**

☒ EN 55022:2010	☒ EN 55024:2010
☒ EN 61000-3-2:2006	☒ EN 61000-3-3:2008
☐ EN 55013:2001+A1:2003+A2:2006	☐ EN 55020:2007+A11:2011

☒**1999/5/EC-R &TTE Directive**

☒ EN 300 328 V1.7.1(2006-10)	☒ EN 301 489-1 V1.9.2(2011-09)
☐ EN 300 440-1 V1.6.1(2010-08)	☐ EN 301 489-3 V1.4.1(2002-08)
☐ EN 300 440-2 V1.4.1(2010-08)	☐ EN 301 489-4 V1.3.1(2002-08)
☐ EN 301 511 V9.0.2(2003-03)	☐ EN 301 489-7 V1.3.1(2005-11)
☐ EN 301 908-1 V4.2.1(2010-03)	☐ EN 301 489-9 V1.4.1(2007-11)
☐ EN 301 908-2 V3.2.1(2007-05)	☒ EN 301 489-17 V2.1.1(2009-05)
☐ EN 301 893 V1.4.1(2005-03)	☐ EN 301 489-24 V1.5.1(2010-09)
☐ EN 302 544-2 V1.1.1(2009-01)	☐ EN 302 326-2 V1.2.2(2007-06)
☐ EN 50360:2001	☐ EN 302 326-3 V1.3.1(2007-09)
☐ EN 50371:2002	☐ EN 301 357-2 V1.3.1(2006-05)
☒ EN 62311:2008	☐ EN 302 623 V1.1.1(2009-01)

☒**2006/95/EC-LVD Directive**

☐ EN 60950-1 / A11:2009	☐ EN 60065:2002+A1:2006+A11:2008
☒ EN 60950-1 / A12:2011	☐ EN 60065:2002 / A12:2011

☒**2009/125/EC-ErP Directive**

Regulation (EC) No. 1275/2008	Regulation (EC) No. 278/2009
☒ EN 62301:2005	☒ EN 62301:2005
Regulation (EC) No. 642/2009	
☐ EN 62301:2005	Ver. 120601

☒**CE marking**

(EC conformity marking)

Position : **CEO**

Name : **Jerry   Shen**

Declaration Date: Oct. 01, 2012

Year to begin affixing CE marking:2012

Signature : _____

EC Declaration of Conformity

We, the undersigned,

Manufacturer:	ASUSTeK COMPUTER INC.
Address, City:	4F, No. 150, LI-TE Rd., PEITOU, TAIPEI 112, TAIWAN R.O.C.
Country:	TAIWAN
Authorized representative in Europe:	ASUS COMPUTER GmbH
Address, City:	HARKORT STR. 21-23, 40880 RATINGEN
Country:	GERMANY

declare the following apparatus:

Product name :	Notebook PC
Model name :	S500C, V500C, R508C

conform with the essential requirements of the following directives:

☒**2004/108/EC-EMC Directive**

☒ EN 55022:2010 ☒ EN 61000-3-2:2006+A2:2009 ☐ EN 55013:2001+A1:2003+A2:2006	☒ EN 55024:2010 ☒ EN 61000-3-3:2008 ☐ EN 55020:2007+A11:2011

☒**1999/5/EC-R &TTE Directive**

☒ EN 300 328 V1.7.1(2006-10) ☐ EN 300 440-1 V1.6.1(2010-08) ☐ EN 300 440-2 V1.4.1(2010-08) ☐ EN 301 511 V9.0.2(2003-03) ☐ EN 301 908-1 V5.2.1(2011-05) ☐ EN 301 908-2 V5.2.1(2011-07) ☐ EN 301 893 V1.6.1(2011-11) ☐ EN 302 544-2 V1.1.1(2009-01) ☐ EN 302 623 V1.1.1(2009-01) ☐ EN 300 330-1 V1.7.1(2010-02) ☐ EN 300 330-2 V1.5.1(2010-02) ☐ EN 50360:2001 ☐ EN 62479:2010	☒ EN 301 489-1 V1.9.2(2011-09) ☐ EN 301 489-3 V1.4.1(2002-08) ☐ EN 301 489-4 V1.4.1(2009-05) ☐ EN 301 489-7 V1.3.1(2005-11) ☐ EN 301 489-9 V1.4.1(2007-11) ☒ EN 301 489-17 V2.1.1(2009-05) ☐ EN 301 489-24 V1.5.1(2010-09) ☐ EN 302 326-2 V1.2.2(2007-06) ☐ EN 302 326-3 V1.3.1(2007-09) ☐ EN 301 357-2 V1.4.1(2008-11) ☐ EN 50385:2002 ☒ EN 62311:2008

☒**2006/95/EC-LVD Directive**

☐ EN 60950-1 / A11:2009	☐ EN 60065:2002 / A2:2010
☒ EN 60950-1 / A12:2011	☐ EN 60065:2002 / A12:2011

☒**2009/125/EC-ErP Directive**

☒ Regulation (EC) No. 1275/2008	☒ Regulation (EC) No. 278/2009
☐ Regulation (EC) No. 642/2009	

☐**2011/65/EU-RoHS Directive**   Ver. 121001

☒**CE marking**

$C\epsilon$

(EC conformity marking)

Position :   **CEO**

Name :   **Jerry   Shen**

Declaration Date: Nov. 19, 2012

Year to begin affixing CE marking:2012

Signature : _____