



Asus E403SA E-Manual

Notebook-pc

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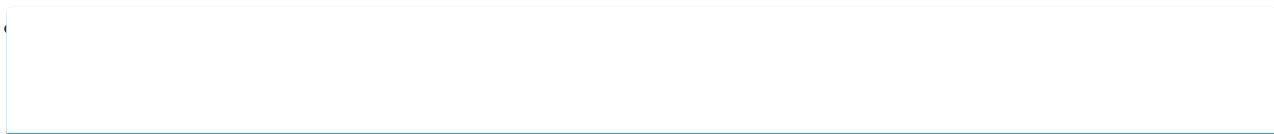
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E10211

First Edition

April 2015

Notebook PC



HDMI™
HIGH-DEFINITION MULTIMEDIA INTERFACE

E-Manual

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Summary of Contents for Asus E403SA

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[Page 7: About This Manual](#)

About this manual This manual provides information about the hardware and software features of your Notebook PC, organized through the following chapters: Chapter 1: Hardware Setup This chapter details the hardware components of your Notebook Chapter 2: Using your Notebook PC This chapter shows you how to use the different parts of your Notebook PC.

[Page 8: Conventions Used In This Manual](#)

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.

[Page 9: Safety Precautions](#)

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 your Notebook PC and ensure that your power adapter complies with this rating.

[Page 10: Caring For Your Notebook Pc](#)

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.

[Page 11: Proper Disposal](#)

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.

[Page 12](#) Notebook PC E-Manual...

[Page 13: Chapter 1: Hardware Setup](#)

Chapter 1: Hardware Setup Notebook PC E-Manual...

[Page 14: Getting To Know Your Notebook Pc](#)

Getting to know your Notebook PC Top View **NOTE:** The keyboard's layout may vary per region or country. Notebook PC E-Manual...

[Page 15](#) Microphone The built-in microphone can be used for video conferencing, voice narrations, or simple audio recording. Camera indicator The camera indicator lights up when the built-in camera is in use. Camera The built-in camera allows you to take pictures or record

videos using your Notebook PC.

[Page 16](#) **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. **Touchpad** The touchpad allows the use of multi-gestures to navigate onscreen, providing an intuitive user experience.

[Page 17: Bottom](#)

Bottom **NOTE:** The bottom side may vary in appearance depending on model. **WARNING!** The bottom of the Notebook PC can get warm to hot while in use or while charging the battery pack. When working on your Notebook PC, do not place it on surfaces that can block the vents. **IMPORTANT!** Battery time varies by usage and by the specifications for this Notebook PC.

[Page 18: Right Side](#)

Right Side **Memory card reader** This built-in memory card reader supports SD and SDHC card formats. **USB 2.0 port** This 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.

[Page 19: Left Side](#)

Left Side **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.

[Page 20](#) **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. **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. **USB Type-C 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.

[Page 21: Front Side](#)

Front Side **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.

[Page 22](#) **Color Status** **Solid Green** The Notebook PC is plugged to a power source and the battery power is between 95% and 100%. **Solid Orange** The Notebook PC is plugged to a power source, charging its battery, and the battery power is less than 95%.

[Page 23: Chapter 2: Using Your Notebook PC](#)

Chapter 2: Using your Notebook PC Notebook PC E-Manual...

[Page 24: Getting Started](#)

Getting started **Charge your Notebook PC** Connect the AC power cord to the AC/DC adapter. Plug the AC power adapter into a 100V~240V power source. 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.

[Page 25](#) • The socket outlet must be easily accessible and near your Notebook • To disconnect your Notebook PC from its main power supply, unplug your Notebook PC from the power socket. **WARNING!** Read the following precautions for your Notebook PC's battery. • Only ASUS-authorized technicians should remove the battery inside the device. • The battery used in this device may present a risk of fire or chemical burn if removed or disassembled. • Follow the warning labels for your personal safety. • Risk of explosion if battery is replaced by an incorrect type. •...

[Page 26: Lift To Open The Display Panel](#)

Lift to open the display panel Press the power button Notebook PC E-Manual...

[Page 27: Gestures For The Touchpad](#)

Gestures for the touchpad Gestures allow you to launch programs and access the settings of your Notebook PC. Refer to the following illustrations when using hand gestures on your touchpad. Moving the pointer You can tap or click anywhere on the touchpad to activate its pointer, then slide your finger on the touchpad to move the pointer onscreen.

[Page 28](#) One-finger gestures Tap/Double-tap • In the Start screen, tap an app to launch it. • In Desktop mode, double-tap an application to launch it. Drag and drop Double-tap an item, then slide the same finger without lifting it off the touchpad. To drop the item to its new location, lift your finger from the touchpad. Notebook PC E-Manual...

[Page 29](#) Left-click Right-click • In the Start screen, click an app to launch it. • In the Start screen, click an app to select it and launch the settings bar. You can also double-press this button to launch click an application to the All Apps bar. launch it. • In Desktop mode, use this button to open the right-click menu.

[Page 30](#) Top edge swipe • In the Start screen, swipe from the top edge to launch the All Apps bar. • In a running app, swipe from the top edge to view its menu. Left edge swipe Right edge swipe Swipe from the left edge to shuffle Swipe the right edge to launch the Charms bar. your running apps. Notebook PC E-Manual...

[Page 31](#) Two-finger scroll (left/right) Slide two fingers to scroll up or Slide two fingers to scroll left or down. right. NOTE: Ensure to enable rotate gesture in your Notebook PC. For more information, refer to the section ASUS Smart Gesture. Notebook PC E-Manual...

[Page 32](#) Zoom out Zoom in Bring together your two fingers Spread apart your two fingers on the touchpad. Drag and drop Select an item then press and hold the left button. Using your other finger, slide on the touchpad to drag the item, lift your finger off the button to drop the item.

[Page 33](#) Start screen. Swipe down Swipe three fingers downward to show the Desktop mode. NOTE: Ensure to enable the three-finger gestures in your Notebook PC. For more information, refer to the section ASUS Smart Gesture. Notebook PC E-Manual...

[Page 34: Asus Smart Gesture](#)

ASUS Smart Gesture To launch ASUS Smart Gesture: Launch the Desktop app. > On the lower-right corner of the taskbar, tap to launch ASUS Smart Gesture app. Tick the items you want to enable/disable: Tap Apply then tap OK. Notebook PC E-Manual...

[Page 35: Using The Keyboard](#)

Using the keyboard Function keys The function keys on your Notebook PC's keyboard can trigger the following commands: Puts the Notebook PC into Sleep mode Turns Airplane mode on or off NOTE: When enabled, the Airplane mode disables all wireless connectivity. Decreases display brightness Increases display brightness Turns the display panel off...

[Page 36: Windows® 8.1 Keys](#)

Turns the speaker volume down Turns the speaker volume up Windows® 8.1 keys There are two special Windows® keys on your Notebook PC's keyboard used as below: Press this key to go back to the Start screen. If you are already in the Start screen, press this key to go back to the last app you opened.

[Page 37: Multimedia Control Keys](#)

Multimedia control keys The multimedia control keys allow you to control multimedia files, such as audios and videos, when played in your Notebook PC. Press in combination with the arrow keys on your Notebook PC, illustrated as below. Stop Skip to previous Play or Skip to next track or track or rewind...

[Page 38](#) Notebook PC E-Manual...

[Page 39: Chapter 3: Working With Windows](#)

[Page 40: Starting For The First Time](#)

Starting for the first time When you start your computer for the first time, a series of screens appear to guide you in configuring your Windows® 8.1 operating system. To start your Notebook PC for the first time: Press the power button on your Notebook PC. Wait for a few minutes until the setup screen appears.

[Page 41: Windows ® Ui](#)

® Windows Windows® 8.1 comes with a tile-based user interface (UI) which allows you to organize and easily access Windows® apps from the Start screen. It also includes the following features that you can use while working on your Notebook PC. Start screen The Start screen appears after successfully signing in to your user account.

[Page 42: Hotspots](#)

Hotspots Onscreen hotspots allow you to launch programs and access the settings of your Notebook PC. The functions in these hotspots can be activated using the touchpad. Hotspots on a running app Hotspots on the Start screen Notebook PC E-Manual...

[Page 43](#) Hotspot Action upper left corner Hover your mouse pointer on the upper left corner then tap/click on the recent app's thumbnail to revert back to that running app. If you launched more than one app, slide down to show all running apps. lower left corner From a running app screen: Hover your mouse pointer on the lower left...

[Page 44](#) Hotspot Action top side Hover your mouse pointer on the top side until it changes to a hand icon. Drag then drop the app to a new location. NOTE: This hotspot function only works on a running app or when you want to use the Snap feature.

[Page 45: Start Button](#)

Start button Windows® 8.1 features the Start button which allows you to switch between the two most recent apps that you opened. The Start button may be accessed from the Start screen, while on Desktop mode, and on any app that is currently open onscreen. Start button on the Start screen NOTE: The actual color of your Start button varies depending on the display settings you chose for your Start screen.

[Page 46](#) Start button on Desktop mode Context menu The context menu appears as a box filled with quick access to some of the programs inside Windows® 8.1. The context menu appears when you right-click on the Start button. The context menu also includes the following shut down options for your Notebook PC: sign out, sleep, shut down, restart.

[Page 47: Customizing Your Start Screen](#)

Customizing your Start screen Windows® 8.1 also enables you to customize your Start screen, allowing you to boot directly to the Desktop mode and customize the arrangement of your apps onscreen. To customize the settings of your Start screen: Launch the Desktop. Right-click anywhere on the taskbar, except on the Start button, to launch the pop-up window.

[Page 48: Working With Windows ® Apps](#)

® Working with Windows apps Use your Notebook PC's touchpad or keyboard to launch, customize, and close apps. Launching apps Position your mouse pointer over the app then left-click or tap once to launch it. Press twice then use the arrow keys to browse through the apps.

[Page 49](#) Unpinning apps Right-click on the app to activate the Customize bar then tap/click Closing apps Move your mouse pointer on the top side of the launched app then wait for the pointer to change to a hand icon. Drag then drop the app to the bottom of the screen to close it.

[Page 50: Accessing The Apps Screen](#)

Accessing the Apps screen Aside from the apps already pinned on your Start screen, you can also open other applications through the Apps screen. NOTE: Actual apps shown onscreen may vary per model. The following screenshot is for reference only. Launching the Apps screen Launch the Apps screen using your Notebook PC's touchpad or keyboard.

[Page 51](#) Pinning more apps on the Start screen You can pin more apps on the Start screen using your touchpad. Launch the All Apps screen Right-click on the apps that you want to add on the Start screen. Tap/click on the icon to pin the selected apps on the Start screen.

[Page 52: Charms Bar](#)

Charms bar The Charms bar is a toolbar that can be triggered on the right side of your screen. It consists of several tools that allow you to share applications and provide quick access for customizing the settings of your Notebook PC. Charms bar Launching the Charms bar NOTE: When called out, the Charms bar initially appears as a set of...

[Page 53](#) Inside the Charms bar Search This charm allows you to look for files, applications, or programs in your Notebook PC. Share This charm allows you to share applications via social networking sites or email. Start This charm reverts the display back to the Start screen. From the Start screen, you can also use this to revert back to a recently opened app.

[Page 54: Snap Feature](#)

Snap feature The Snap feature displays two apps side-by-side, allowing you to work or switch between apps. IMPORTANT! Ensure that your Notebook PC's screen resolution is set to 1366 x 768 pixels or higher before using the Snap feature. Snap bar Notebook PC E-Manual...

[Page 55](#) Using Snap Use your Notebook PC's touchpad or keyboard to activate and use Snap. Launch the app you wish to snap. Hover the mouse point on the top side of your screen. Once the pointer changes to a hand icon, drag then drop the app to the left or right side of the display panel.

[Page 56: Other Keyboard Shortcuts](#)

Other keyboard shortcuts Using the keyboard, you can also use the following shortcuts to help you launch applications and navigate Windows® 8.1. Switches between the Start screen and the last running app Launches the desktop Launches the This PC window on Desktop mode Opens the File option from the Search charm Opens the Share charm Opens the Settings charm...

[Page 57](#) Launches the Project pane Opens the Everywhere option from the Search charm Opens the Run window Opens Ease of Access Center Opens the Settings option under the Search charm Opens the context menu of the Start button Launches the magnifier icon and zooms in your screen Zooms out your screen Opens the Narrator Settings...

[Page 58: Connecting To Wireless Networks](#)

Connecting to wireless networks Wi-Fi Access emails, surf the Internet, and share applications via social networking sites using your Notebook PC's Wi-Fi connection. IMPORTANT! The Airplane mode disables this feature. Ensure that Airplane mode is turned off before enabling the Wi-Fi connection of your Notebook PC.

[Page 59: Bluetooth](#)

Bluetooth Use Bluetooth to facilitate wireless data transfers with other Bluetooth-enabled devices. IMPORTANT! The Airplane mode disables this feature. Ensure that Airplane mode is turned off before enabling the Bluetooth connection of your Notebook PC. Pairing with other Bluetooth-enabled devices You need to pair your Notebook PC with other Bluetooth-enabled devices to enable data transfers.

[Page 60: Airplane Mode](#)

Airplane mode The Airplane mode disables wireless communication, allowing you to use your Notebook PC safely while in-flight. Turning Airplane mode on Launch the Charms bar. Tap/click and tap/click Move the slider to the right to turn the Airplane mode on. Press Turning Airplane mode off Launch the Charms bar.

[Page 61: Connecting To Wired Networks](#)

Connecting to wired networks You can also connect to wired networks, such as local area networks and broadband Internet connection, using your Notebook PC's LAN port. NOTE: Contact your Internet Service Provider (ISP) for details or your network administrator for assistance in setting up your Internet connection.

[Page 62: Configuring A Static Ip Network Connection](#)

Tap/click Obtain an IP address automatically then tap/click OK. NOTE: Proceed to the next steps if you are using PPPoE connection. Return to the Network and Sharing Center window then tap/click Set up a new connection or network. Select Connect to the Internet then tap/click Next. Tap/click Broadband (PPPoE).

[Page 63: Turning Your Notebook Pc Off](#)

Turning your Notebook PC off You can turn off your Notebook PC by doing either of the following procedures: from the Charms bar then • Tap/click > Shut down to do a normal tap/click shutdown. > Shut • From the log-in screen, tap/click down. •...

[Page 64: Windows ® 8.1 Lock Screen](#)

® Windows 8.1 lock screen The Windows® 8.1 lock screen appears when you wake your Notebook PC from sleep or hibernate mode. It also appears when you lock or unlock Windows® 8.1. The lock screen can be customized to regulate access to your operating system.

[Page 65: Customizing Your Lock Screen](#)

Customizing your lock screen You can customize your lock screen to show your preferred photo, a photo slideshow, app updates, and quickly access your Notebook PC's camera. To change the settings of your lock screen, you may refer to the following information: Selecting a photo Launch the Charms bar >...

[Page 66](#) Adding app updates Launch the Charms bar > Settings. Select Change PC Settings > Lock screen. Scroll down until you see the Lock screen apps option. Use the following options to add the apps whose updates you would like to see from your lock screen: Activating your Notebook PC camera from the lock screen From the lock screen, you can swipe down to activate and use your...

[Page 67: Chapter 4: Power-On Self-Test \(Post\)](#)

Chapter 4: Power-On Self-Test (POST) Notebook PC E-Manual...

[Page 68: The Power-On Self-Test \(Post\)](#)

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.

[Page 69: Bios Settings](#)

BIOS Settings NOTE: The BIOS screens in this section are for reference only. The actual screens may differ by model and territory. Boot This menu allows you to set your boot option priorities. You may refer to the following procedures when setting your boot priority. On the Boot screen, select Boot Option #1.

[Page 70](#) and select a device as the Boot Option #1. Press Aptio Setup Utility - Copyright (C) 2012 American Megatrends, Inc. Main Advanced Boot Security Save & Exit Boot Configuration Sets the system boot order Fast Boot [Enabled] Launch CSM [Disabled] Driver Option Priorities Boot Option #1 Boot Option Priorities...

[Page 71](#) Security This menu allows you to set up the administrator and user password of your Notebook PC. It also allows you to control the access to your Notebook PC's hard disk drive, input/output (I/O) interface, and USB interface. NOTE: If you install a User Password, you will be prompted to input this •...

[Page 72](#) To set the password: On the Security screen, select Administrator Password or User Password. Type in a password then press Re-type to confirm the password then press To clear the password: On the Security screen, select Administrator Password or User Password.

[Page 73](#) I/O Interface Security In the Security menu, you can access I/O Interface Security to lock or unlock some interface functions of your Notebook PC. Aptio Setup Utility - Copyright (C) 2012 American Megatrends, Inc. Security If Locked, LAN I/O Interface Security controller will be

disabled.

[Page 74](#) USB Interface Security Through the I/O Interface Security menu, you can also access USB Interface Security to lock or unlock ports and devices. Aptio Setup Utility - Copyright (C) 2012 American Megatrends, Inc. Security If Locked, all USB Interface Security USB device will be disabled USB Interface...

[Page 75](#) Set Master Password In the Security menu, you can use Set Master Password to set up a password-enabled access to your hard disk drive. Aptio Setup Utility - Copyright (C) 2012 American Megatrends, Inc. Main Advanced Boot Security Save & Exit Aptio Setup Utility - Copyright (C) 2011 American Megatrends, Inc.

[Page 76](#) Save & Exit To keep your configuration settings, select Save Changes and Exit before exiting the BIOS. Aptio Setup Utility - Copyright (C) 2012 American Megatrends, Inc. Main Advanced Boot Security Save & Exit Exit system setup Save Changes and Exit after saving the Discard Changes and Exit changes.

[Page 77](#) To update the BIOS: Verify the Notebook PC's exact model then download the latest BIOS file for your model from the ASUS website. Save a copy of the downloaded BIOS file to a flash disk drive. Connect your flash disk drive to your Notebook PC.

[Page 78](#) Locate your downloaded BIOS file in the flash disk drive then press ASUSTek Easy Flash Utility FLASH TYPE: MXIC 25L Series Current BIOS New BIOS Platform: E403SA Platform: Unknown Version: Unknown Version: 101 Build Date: Unknown Build Date: Oct 26 2014...

[Page 79: Recovering Your System](#)

Recovering your system Using recovery options on your Notebook PC allows you to restore the system to its original state or simply refresh its settings to help improve performance. IMPORTANT! • Back up all your data files before doing any recovery option on your Notebook PC.

[Page 80](#) • Advanced startup - Using this option allows you to perform other advanced recovery options on your Notebook PC such as: Using a USB drive, network connection or Windows recovery DVD to startup your Notebook PC. Using Troubleshoot to enable any of these advanced recovery options: System Restore, System Image Recovery, Startup Repair, Command Prompt, UEFI Firmware Settings, Startup Settings.

[Page 81: Enabling A Recovery Option](#)

Enabling a recovery option Refer to the following steps if you want to access and use any of the available recovery options for your Notebook PC. Launch the charms bar and select Settings. Select Change PC Settings. Notebook PC E-Manual...

[Page 82](#) Under the PC Settings options, select Update and recovery. Under the Update and recovery options, select Recovery then select the recovery option you would like to do. Notebook PC E-Manual...

[Page 83: Tips And Faqs](#)

Tips and FAQs Notebook PC E-Manual...

[Page 84: Useful Tips For Your Notebook Pc](#)

• Update Windows® periodically to ensure that your applications have the latest security settings. • Use ASUS Live Update to update ASUS-exclusive applications, drivers and utilities in your Notebook PC. Refer to the ASUS Tutor installed in your Notebook PC for more details. • Use an anti-virus software to protect your data and keep this updated too. •...

[Page 85: Hardware Faqs](#)

I turn on the Notebook PC. What should I do? Although these dots normally appear onscreen, they will not affect your system. If the incident continues and subsequently affects system performance, consult an authorized ASUS service center. My display panel has an uneven color and brightness. How...

[Page 86](#) • Check if your speakers were set to mute. • Check if a headphone jack is connected

to your Notebook PC and remove it. What should I do if my Notebook PC's power adapter gets lost or my battery stops working? Contact your local ASUS service center for assistance. Notebook PC E-Manual...

[Page 87](#) My Notebook PC's touchpad is not working. What should I do? You can try doing any of the following suggestions: • Check if ASUS Smart Gesture is set to disable touchpad by connecting an external pointing device to your Notebook PC. If yes, disable this function. • ...

[Page 88: Software FAQs](#)

Remove all connected USB devices then restart your Notebook PC. • If the problem still exists, your Notebook PC might have a memory storage problem. Contact your local ASUS service center for assistance. My Notebook PC boots slower than usual and my operating system lags. How can I fix this? Delete the applications you recently installed or were not included with your operating system package then restart your system.

[Page 89](#) My Notebook PC does not boot up. How can I fix this? You can try doing any of the following suggestions: • Remove all connected devices to your Notebook PC then restart your system. • If the problem still exists, contact your local ASUS service center for assistance. Why can't my Notebook PC wake up from sleep mode? • You need to press the power button to resume your last working state.

[Page 90](#) Notebook PC E-Manual...

[Page 91: Appendices](#)

Appendices Notebook PC E-Manual...

[Page 92: Internal Modem Compliancy](#)

Internal Modem Compliancy The Notebook PC with internal modem model complies with JATE (Japan), FCC (US, Canada, Korea, Taiwan), and CTR21. The internal modem has been approved in accordance with Council Decision 98/482/EC for pan-European single terminal connection to the public switched telephone network (PSTN). However due to differences between the individual PSTNs provided in different countries, the approval does not, of itself, give an unconditional assurance of successful operation on every PSTN network termination point.

[Page 93: Network Compatibility Declaration](#)

Network Compatibility Declaration Statement to be made by the manufacturer to the Notified Body and the vendor: "This declaration will indicate the networks with which the equipment is designed to work and any notified networks with which the equipment may have inter-working difficulties.

[Page 94](#) This table shows the countries currently under the CTR21 standard. Country Applied More Testing Austria Belgium Czech Republic Not Applicable Denmark Finland France Germany Greece Hungary Not Applicable Iceland Ireland Italy Still Pending Still Pending Israel Lichtenstein Luxemburg The Netherlands Norway Poland Not Applicable...

[Page 95: Federal Communications Commission Interference Statement](#)

This information was copied from CETECOM and is supplied without liability. For updates to this table, you may visit http://www.cetecom.de/technologies/ctr_21.html 1 National requirements will apply only if the equipment may use pulse dialling (manufacturers may state in the user guide that the equipment is only intended to support DTMF signalling, which would make any additional testing superfluous).

[Page 96: Fcc Radio Frequency \(Rf\) Exposure Caution Statement](#)

• 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.

[Page 97: Declaration Of Conformity \(R&Tte Directive 1999/5/Ec\)](#)

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] CE Marking 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”...

[Page 98: Ic Radiation Exposure Statement For Canada](#)

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.

[Page 99: Déclaration D'industrie Canada Relative À L'exposition Aux Ondes Radio](#)

Déclaration d'Industrie Canada relative à l' exposition aux ondes radio Cet appareil est conforme aux limites d'exposition aux radiations d'Industrie Canada définies pour un environnement non-contrôlé. Pour maintenir la conformité avec les exigences d'exposition RF d'IC, veuillez éviter tout contact direct avec l'antenne pendant l'émission.

[Page 100: Radio Frequency \(Rf\) Exposure Information](#)

Radio Frequency (RF) Exposure Information The radiated output power of the Wireless Device is below the Industry Canada (IC) radio frequency exposure limits. The Wireless Device should be used in such a manner such that the potential for human contact during normal operation is minimized.

[Page 101: Wireless Operation Channel For Different Domains](#)

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: •...

[Page 102](#) 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...

[Page 103: Ul Safety Notices](#)

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).

[Page 104: Power Safety Requirement](#)

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>. Macrovision Corporation Product Notice This product incorporates copyright protection technology that is protected by method claims of certain U.S.A.

[Page 105: Nordic Lithium Cautions \(For Lithium-Ion Batteries\)](#)

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.

[Page 106: Optical Drive Safety Information](#)

Optical Drive Safety Information Laser Safety Information CD-ROM Drive Safety Warning CLASS 1 LASER PRODUCT WARNING! To prevent exposure to the optical drive's laser, do not attempt

to disassemble or repair the optical drive by yourself. For your safety, contact a professional technician for assistance.

[Page 107: Ctr 21 Approval \(For Notebook Pc With Built-In Modem\)](#)

CTR 21 Approval (for Notebook PC with built-in Modem) Danish Dutch English Finnish French Notebook PC E-Manual...

[Page 108](#) German Greek Italian Portuguese Spanish Swedish Notebook PC E-Manual...

[Page 109: Energy Star Complied Product](#)

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.

[Page 110: Asus Recycling/Takeback Services](#)

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.

[Page 111: Regional Notice For India](#)

Regional notice for India This product complies with the "India E-waste (Management and Handling)Rule 2011" and prohibits use of lead, mercury, hexavalent chromium, polybrominated biphenyls(PBBs) and polybrominated diphenyl ethers (PBDEs) in concentrations exceeding 0.1 % by weight in homogenous materials and 0.01 % by weight in homogenous materials for cadmium, except for the exemptions listed in Schedule-II of the Rule.

[Page 112](#) EC Declaration of Conformity We, the undersigned, Manufacturer: ASUSTeK COMPUTER INC. Address: 4F, No. 150, LI-TE Rd., PEITOU, TAIPEI 112, TAIWAN Authorized representative in Europe: ASUS COMPUTER GmbH Address, City: HARKORT STR. 21-23, 40880 RATINGEN Country: GERMANY declare the following apparatus: Notebook PC...