



Asus E8582 E-Manual

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E8582

First Edition

August 2013

Notebook PC

The HDMI logo is positioned below the word "Notebook" in the title. It consists of the letters "HDMI" in a bold, black, sans-serif font. Below the letters, the text "HIGH-DEFINITION MULTIMEDIA INTERFACE" is written in a smaller, black, sans-serif font. A registered trademark symbol (®) is located to the right of the "HDMI" letters.

E-Manual

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Summary of Contents for Asus E8582

[Page 1](#) E8582 First Edition August 2013 Notebook PC E-Manual...

[Page 2](#) Warranty Statement, up to the listed contract price of each product. ASUS will only be responsible for or indemnify you for loss, damages or claims based in contract, tort or infringement under this Warranty Statement.

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[Page 6](#) CTR 21 Approval (for Notebook PC with built-in Modem)127 ENERGY STAR complied product129 European Union Eco-label129 Global Environmental Regulation Compliance and Declaration130 ASUS Recycling/Takeback Services130 Regional notice for Singapore130 Notebook PC E-Manual...

[Page 7: About This Manual](#)

This chapter provides an overview of using Windows® 8 in your Notebook PC. Chapter 4: ASUS Apps This chapter features the ASUS apps included with your Notebook PC's Windows® 8 operating system. Chapter 5: Power-on Self-test (POST) This chapter shows you how to use POST to change the settings 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. The top view may also vary in appearance depending on the Notebook PC model. Notebook PC E-Manual...

[Page 15](#) Ambient light sensor The ambient light sensor detects the amount of ambient light in your environment. It allows the system to automatically adjust the brightness of the display depending on the ambient light condition. Camera The built-in camera allows you to take pictures or record videos using your Notebook PC.

[Page 16](#) This built-in fingerprint sensor captures your fingerprint and uses it as biometric authentication for logging on to your Notebook PC's system and other programs inside Windows® 8. NOTE: For more details, refer to the ASUS Fingerprint section in this manual. Notebook PC E-Manual...

[Page 17: Bottom](#)

Bottom 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](#) Air vents The air vents allow cool air to enter and warm air to exit the Notebook PC. WARNING! Ensure that paper, books, clothing, cables, or other objects do not block any of the air vents or else overheating may occur.

[Page 19: Right Side](#)

Right Side Memory card reader This Notebook PC has a single built-in memory card reader slot that support SD card formats. 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.

[Page 20: 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 21](#) HDMI port This port is for the HDMI (High-Definition Multimedia Interface) connector and is HDCP compliant for HD DVD, Blu-ray, and other protected content playback. USB 3.0 port with USB Charger+ This USB 3.0 (Universal Serial Bus 3.0) port provides a transfer rate of up to 5 Gbit/s and is backward compatible to USB 2.0.

[Page 22: 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 23](#) Color Status Solid Green The Notebook PC is plugged to a power source and the battery power is between 80% and 100%. Solid Orange The Notebook PC is plugged to a power source, charging its battery, and the battery power is less than 80%.

[Page 24](#) Notebook PC E-Manual...

[Page 25: Chapter 2: Using Your Notebook Pc](#)

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

[Page 26: Getting Started](#)

Getting started NOTE: If your Notebook PC does not have its battery pack installed, use the following procedures for installation. 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.

[Page 27](#) IMPORTANT! Power adapter information: • Input voltage: 100-240Vac • Input frequency: 50-60Hz • Rating output current: 3.33A (66W) • Rating output voltage: 19V IMPORTANT! • Locate the input/output rating label on your Notebook PC and ensure that it matches the input/output rating information on your power adapter.

[Page 28](#) WARNING! Read the following precautions for your Notebook PC's battery. • 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 29: Lift To Open The Display Panel](#)

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

[Page 30: 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 31](#) One-finger gestures 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 • In Desktop mode, double-click also press this button to click an application to launch launch the All Apps bar.

[Page 32](#) 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.

[Page 33](#) NOTE: The following edge gestures work only in Windows® 8. 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...

[Page 34](#) Two-finger gestures Two-finger scroll (up/down) Two-finger scroll (left/right) Slide two fingers to scroll up or Slide two fingers to scroll left or down. right. Zoom out Zoom in Bring together your two fingers on Spread apart your two fingers on the touchpad.

[Page 35: Using Asus Smart Gesture](#)

Using ASUS Smart Gesture The ASUS Smart Gesture app of your Notebook PC allows you to enable other touchpad gestures or disable selected gestures depending on your preference. Enabling the rotate gesture From the taskbar on your Desktop, click Double-click the icon to launch the ASUS Smart Gesture app.

[Page 36](#) In the ASUS Smart Gesture window, tick Rotate Click Apply to save the changes then OK to exit the ASUS Smart Gesture window. Notebook PC E-Manual...

[Page 37: Enabling The Three-Finger Gestures](#)

Enabling the three-finger gestures From the taskbar on your Desktop, click Double-click the icon to launch the ASUS Smart Gesture app. Notebook PC E-Manual...

[Page 38](#) In the ASUS Smart Gesture window, tick the gestures you would like to enable under

Three Fingers Click Apply to save the changes then OK to exit the ASUS Smart Gesture window.
Notebook PC E-Manual...

[Page 39: Using The Rotate And Three-Finger Gestures](#)

Using the rotate and three-finger gestures Rotate Swipe left or swipe right With one finger steady on the Swipe three fingers left or right to touchpad, rotate another finger navigate pages. clockwise or counterclockwise. Swipe up Swipe down Swipe three fingers upward to Swipe three fingers downward to show all running applications.

[Page 40: 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 41: Function Keys For Asus App](#)

Turns the speaker volume up Function keys for ASUS App Your Notebook PC also comes with a special set of function keys that can be used to launch an ASUS app. Launches the ASUS PowerGear Hybrid app Windows® 8 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.

[Page 42](#) Notebook PC E-Manual...

[Page 43: Chapter 3: Working With Windows](#)

Chapter 3: Working with Windows® 8 Notebook PC E-Manual...

[Page 44: 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 the basic settings of your Windows® 8 operating system. To start your Notebook PC for the first time: Press the power button on your Notebook PC.

[Page 45: Windows ® Ui](#)

® Windows Windows® 8 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 46: 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 47](#) Hotspot Action upper left corner Hover your mouse pointer on the upper left corner then tap 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...

[Page 48](#) 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 49: 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 50](#) Resizing apps Right-click on the app to activate its settings bar then Unpinning apps Right-click on the app to activate the settings bar then 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.

[Page 51: 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. Horizontal scroll bar Notebook PC E-Manual...

[Page 52](#) Launching the Apps screen Launch the Apps screen using your Notebook PC's touchpad or keyboard. Swipe from the top edge to launch the All Apps bar. From the Start screen, press to select the All Apps icon then press Pinning more apps on the Start screen You can pin more apps on the Start screen using your touchpad.

[Page 53: 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 charms 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 54](#) 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 55: 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 56](#) 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 57: 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. Switches between the Start screen and the last running app Launches the desktop Launches the Computer window on Desktop mode Opens the File charm Opens the Share charm...

[Page 58](#) Opens the Second screen pane Opens the Apps search pane Opens the Run window Opens Ease of Access Center Opens the Settings charm Opens a menu box of Windows® tools Launches the magnifier icon and zooms in your screen Zooms out your screen Notebook PC E-Manual...

[Page 59: 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 60](#) Tap Connect to start the network connection. NOTE: You may be prompted to enter a security key to activate the Wi-Fi connection. If you want to enable sharing between your Notebook PC and other wireless-enabled systems, tap Yes, turn on sharing and connect to devices.

[Page 61: 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 62](#) Select a device from the list. Compare the passcode on your Notebook PC with the passcode sent to your chosen device. If they are the same, tap Yes to successfully pair your

Notebook PC with the device. NOTE: For some bluetooth-enabled devices, you may be prompted to key in the passcode of your Notebook PC.

[Page 63: 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. and tap Move the slider to the right to turn the Airplane mode on. Press Turning Airplane mode off Launch the Charms bar.

[Page 64: 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 65](#) Tap Internet Protocol Version 4(TCP/IPv4) then tap Properties. Tap Obtain an IP address automatically then tap NOTE: Proceed to the next steps if you are using PPPoE connection. Return to the Network and Sharing Center window then tap Set up a new connection or network.

[Page 66: Configuring A Static Ip Network Connection](#)

Configuring a static IP network connection Repeat steps 1 to 4 under Configuring a dynamic IP/PPPoE network connection. Tap Use the following IP address. Type the IP address, Subnet mask and Default gateway from your service provider. If needed, you can also type the preferred DNS server address and alternate DNS server address then tap OK.

[Page 67: 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 • > Shut down to do a normal shutdown. > Shut • From the log-in screen, tap down.

[Page 68](#) Notebook PC E-Manual...

[Page 69: Chapter 4: Asus Apps](#)

Chapter 4: ASUS apps Notebook PC E-Manual...

[Page 70: Featured Asus Apps](#)

Featured ASUS Apps Power4Gear Hybrid Optimize the performance of your Notebook PC using the power saving modes in Power4Gear. NOTE: Unplugging the Notebook PC from its power adapter automatically switches Power4Gear Hybrid to Battery Saving mode. Launching Power4Gear Hybrid Press...

[Page 71](#) Select from these power saving modes. This option allows you to hide Use these options to customize your power saving mode. the desktop icons and turns the presentation mode on or off. Notebook PC E-Manual...

[Page 72](#) **System in Sleep** This option allows you to enable or disable either of the following sleep modes: Instant On This mode is default-enabled in your Notebook PC. It allows the system to return to its last working state even after your Notebook PC has entered into sleep mode.

[Page 73](#) **Long Standby Time** This mode allows your Notebook PC's battery to last for up to sixty-nine (69) days or more. When enabled, the Notebook PC returns to its last working state in as fast as seven seconds, four hours after entering into deep sleep mode.

[Page 74: Usb Charger](#)

USB Charger+ USB Charger+ allows you to quick-charge devices using your Notebook PC's USB 3.0 charge port with the icon. WARNING: If your connected device overheats, remove it immediately. Setting the quick-charge limit By default, your Notebook PC can support quick-charging via the USB Charger+ port while on power adapter mode.

[Page 75](#) Move the percentage slider to the left or to the right to set the limit for charging

devices. NOTE: The default limit is set to 100% but you can set the quick-charge limit from 100% to 100%. Click OK to save and exit. Notebook PC E-Manual...

[Page 76: Trusted Platform Module \(Tpm\)](#)

Trusted Platform Module (TPM)* The TPM, or Trusted Platform Module, is a security hardware device on the system board that will hold computer-generated keys for encryption. It is a hardware-based solution that can help avoid attacks by hackers looking to capture passwords and encryption keys for sensitive data.

[Page 77](#) Enabling TPM Support during POST. Set TPM Restart your Notebook PC then press Support to [Enable] in BIOS setup Advanced > Trusted Computing. Aptio Setup Utility - Copyright (C) 2012 American Megatrends, Inc. Aptio Setup Utility - Copyright (C) 2011 American Megatrends, Inc. Main Advanced Boot...

[Page 78: Asus Fingerprint](#)

ASUS FingerPrint Capture fingerprint biometrics on your Notebook PC's fingerprint sensor using the ASUS FingerPrint app. This app allows you to use fingerprint biometrics as user-authenticated access into your Notebook PC's system and applications. Using this app, you can enable the following features: •...

[Page 79](#) Click OK to proceed to the next step. Key in your user account password then click OK. Notebook PC E-Manual...

[Page 80](#) Click the on the finger illustration that corresponds to the same finger you would like to use as your fingerprint biometric data. Swipe your designated finger twice on the fingerprint sensor to create your fingerprint biometric data. Notebook PC E-Manual...

[Page 81](#) 1 and 2 changes to blue to indicate that the fingerprint was successfully captured. Click Next to proceed. Create your boot key password in the next window to serve as backup access for your fingerprint biometric data. Notebook PC E-Manual...

[Page 82](#) The ASUS FingerPrint settings window appears next. You may either close this window or change the settings of your fingerprint biometric data. NOTE: For more information on configuring your fingerprint biometric settings, refer to the ASUS FingerPrint Settings section in this manual. Notebook PC E-Manual...

[Page 83](#) Accessing the ASUS FingerPrint settings The ASUS FingerPrint settings window appears right after creating your first fingerprint biometric data. Later on, you may also access this window by launching the ASUS FingerPrint app from the Start Screen. Basic The Basic settings of ASUS FingerPrint allows you to configure your current fingerprint biometrics, add more fingerprint biometrics, and change the details of your boot key.

[Page 84](#) Advanced The Advanced settings of ASUS FingerPrint allows you to setup lock options when the wrong password or fingerprint is detected, back up and import your account information, and delete fingerprint or boot key records from your system. Notebook PC E-Manual...

[Page 85: Asuspro Business Center](#)

ASUSPRO Business Center* The ASUSPRO Business Center is an application hub that features some exclusive ASUS apps and the Intel® Small Business Advantage (SBA) to improve manageability when using your Notebook PC for business productivity. Accessing ASUS Business Center Go to Desktop mode then click on the icon.

[Page 86](#) ASUSPRO Business Center such as the copyright date and the app's version number. Contact - This option shows you links you can use to contact ASUS regarding the application. Help - This option gives you a detailed information about the Intel®...

[Page 87](#) ASUSPRO Business Center apps Intel® Wireless Display This application allows you to stream business presentations, multimedia files, and even websites from your Notebook PC to an external display device using an adapter. NOTE: For details on using the Intel® Wireless Display, click Help inside the Intel®...

[Page 88](#) Notebook PC access from these USB device categories: audio/video, entertainment,

storage, office, and others. ASUS Power4Gear This application launches ASUS Power4Gear. For more details, refer to the ASUS Power4Gear section in this manual. Data Backup and Restore This application allows you to automatically backup your specified data based from a predefined schedule.

[Page 89: Chapter 5: Power-On Self Test \(Post\)](#)

Chapter 5: Power-on Self Test (POST) Notebook PC E-Manual...

[Page 90: 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.

[Page 91: 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 92](#) 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] Boot Option Priorities Boot Option #1 [Windows Boot Manager]...

[Page 93](#) 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 94](#) 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 95](#) 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 96](#) 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 97](#) 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 98](#) 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 99](#) 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 100](#) Locate your downloaded BIOS file in the flash disk drive then press ASUSTek Easy Flash Utility FLASH TYPE: MXIC 25L Series New BIOS Current BIOS Platform: Unknown Platform: BU401 Version: Unknown Version: 101 Build Date: Unknown Build Date: Oct 26 2012 Build Time: Unknown Build Time: 11:51:05 0 EFI...

[Page 101: Troubleshoot](#)

Troubleshoot By pressing during POST, you can access Windows® 8 troubleshoot options which includes the following: • Refresh your PC • Reset your PC • Advanced options Refresh your PC Use Refresh your PC if you want to refresh your system without losing your current files and applications.

[Page 102: Reset Your Pc](#)

Reset your PC IMPORTANT! Back up all your data before performing this option. Use Reset your PC to restore your Notebook PC to its default settings. To access this during POST: Restart your Notebook PC then press during POST. Wait for Windows® to load the Choose an option screen then tap Troubleshoot.

[Page 103: Advanced Options](#)

Advanced options Use Advanced options to perform additional troubleshooting options in your Notebook PC. To access this during POST: Restart your Notebook PC then press during POST. Wait for Windows® to load the Choose an option screen then tap Troubleshoot. Tap Advanced options.

[Page 104](#) In the Advanced options screen, select System Image Recovery. Choose an account you would like to recover using a system image file. Type your account password then tap Continue. 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.

[Page 105: Tips And Faqs](#)

Tips and FAQs Notebook PC E-Manual...

[Page 106: Useful Tips For Your Notebook Pc](#)

- 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 107: 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 108](#) Press to enable your touchpad. • Check if ASUS Smart Gesture has been set to disable the touchpad when connecting an external pointing device. When I play audio and video files, why can't I hear any sound from my Notebook PC's audio speakers? You can try doing any of the following suggestions: •...

[Page 109](#) My Notebook PC's touchpad is not working. What should I 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 110: Software Faqs](#)

Notebook PC. • If the problem still exists, contact your local ASUS service center for assistance. What should I do when my screen displays this message: "Remove disks or other media. Press any key to restart."? You can try doing any of the following suggestions: •...

[Page 111](#) Press F9 upon startup. When your Notebook PC enters • Troubleshooting, select Refresh or Reset your PC. • If the problem still exists, contact your local ASUS service center for assistance. Why can't my Notebook PC wake up from sleep or hibernate mode? •...

[Page 112](#) How can I boot to DOS using my USB drive or ODD? Refer to the following steps: Restart your Notebook PC and enter BIOS by pressing F2 on your keyboard. Go to Boot > Launch CSM > Enabled. Go to the Security menu then set Secure Boot Control to Disabled.

[Page 113: Appendices](#)

Appendices Notebook PC E-Manual...

[Page 114: Overview](#)

Overview On 1st August 1998 the European Council Decision regarding the CTR 91 has been published in the Official Journal of the EC. The CTR 91 applies to all non voice terminal equipment with DTMF-dialling which is intended to be connected to the analogue PSTN (Public Switched Telephone Network).

[Page 115](#) 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 116: 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_91.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 117: 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.

[Page 118: 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] •...

[Page 119: 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 120: 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 121: Wireless Operation Channel For Different Domains](#)

Wireless Operation Channel for Different Domains N. America 900-960 MHz Ch01 through CH11 Japan 900-960 MHz Ch01 through Ch11 Europe ETSI 900-960 MHz 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 122](#) Departments in which the use of the 900-960 MHz band is permitted with an EIRP of less than 100mW indoors and less than 10mW outdoors: 01 Ain 02 Aisne 03 Allier 04 Hautes Alpes 08 Ardennes 09 Ariège 11 Aude 12 Aveyron 13 Charente 14 Dordogne...

[Page 123: 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 100V peak, 300V peak-to-peak, and 10V rms, and

installed or used in accordance with the National Electrical Code (NFPA 70).

[Page 124: 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 125: 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 126: 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 127: 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 128](#) German Greek Italian Portuguese Spanish Swedish Notebook PC E-Manual...

[Page 129: Energy Star Complied Product](#)

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.

[Page 130: Global Environmental Regulation Compliance And Declaration](#)

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 131](#) Congratulations! This product is TCO Certified – for Sustainable IT TCO Certified is an international third party sustainability certification for IT products. TCO Certified ensures that the manufacture, use and recycling of IT products reflect environmental, social and economic responsibility. Every TCO Certified product model is verified by an accredited independent test laboratory.

[Page 132](#) Manufacturer: ASUSTeK COMPUTER INC. Address, City: 4F, No. 150, LI-TE Rd., PEITOU, TAIPEI 112, TAIWAN 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 :...