ASUS

Asus Lamborghini VX7 User Manual

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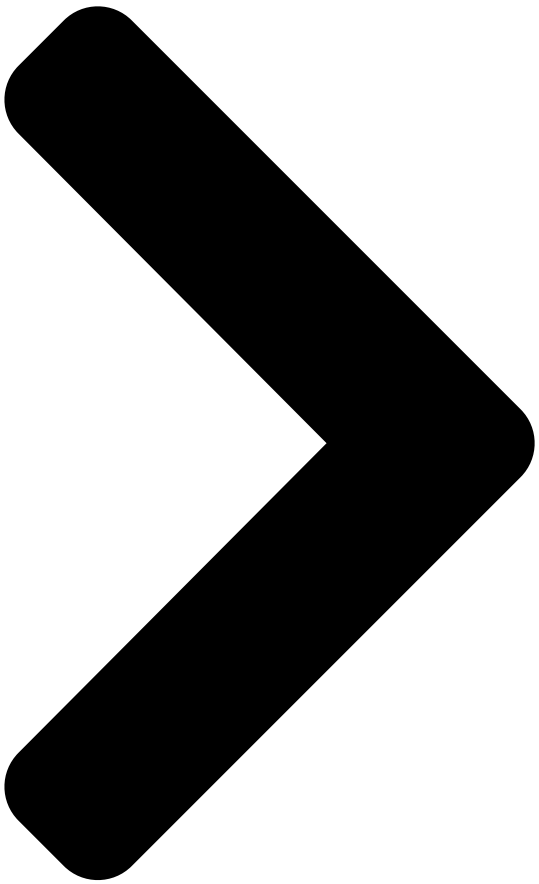

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Notebook PC User Manual

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Summary of Contents for Asus Lamborghini VX7

Page 1: Notebook Pc User Manual

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Page 3 Chapter 4: Using the Notebook PC Pointing Device .....52 Using the Touchpad .....53 Touchpad Usage Illustrations .....54 Caring for the Touchpad .....57 Automatic Touchpad Disabling .....57 Storage Devices .....59 Optical Drive .....59 Flash Memory Card Reader .....63 Hard Disk Drive .....64 Memory (RAM) .....67 Connections .....70 Network Connection .....70...

Page 4 IC Radiation Exposure Statement for Canada ..... A-26 Wireless Operation Channel for Different Domains ..... A-27 France Restricted Wireless Frequency Bands .....A-27 UL Safety Notices .....A-29 Power Safety Requirement .....A-30 TV Tuner Notices .....A-30 REACH .....A-30 Nordic Lithium Cautions (for lithium-ion batteries) .....

Page 5: Chapter 1: Introducing The Notebook Pc

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Page 6: About This User's Manual

About This User’s Manual You are reading the Notebook PC User’s Manual. This User’s Manual provides information regarding the various components in the Notebook PC and how to use them. The following are major sections of this User’s Manual: 1. Introducing the Notebook PC Introduces you to the Notebook PC and this User’s Manual.

Page 7: Safety Precautions

Safety Precautions The following safety precautions will increase the life of the Notebook PC. Follow all precautions and instructions. Except as described in this manual, refer all servicing to qualified personnel. Disconnect the AC power and remove the battery pack(s) before cleaning.

Page 8 SAFE TEMP: This INPUT RATING: Refer to Notebook PC should the rating label on the only be used in bottom of the Notebook environments with PC and be sure that your ambient temperatures power adapter complies between 10°C (50°F) and with the rating.

Page 9: Transportation Precautions

Transportation Precautions To prepare the Notebook PC for transport, you should turn it OFF and disconnect all external peripherals to prevent damage to the connectors. The hard disk drive’s head retracts when the power is turned OFF to prevent scratching of the hard disk surface during transport.

Page 10: Airplane Precautions

Airplane Precautions Contact your airline if you want to use the Notebook PC on the airplane. Most airlines will have restrictions for using electronic devices. Most airlines will allow electronic use only between and not during takeoffs and landings. CAUTION! There are three main types of airport security devices: X-ray machines (used on items placed on conveyor belts), magnetic detectors (used on people walking through security checks), and magnetic wands (hand-held devices used...

Page 11: Preparing Your Notebook Pc

Preparing your Notebook PC These are quick instructions for using your Notebook PC. Installing the Battery Pack Connecting the Power Adapter 2 0 V V - 2 1 1 0 Notebook PC User Manual Downloaded from LpManual.com Manuals...

Page 12 Opening the LCD display panel Carefully lift up the display panel with your thumb. Slowly tilt the display panel forward or backward to a comfortable viewing angle. Turning on the Power Push and release the power button located beneath the LCD display panel.

Page 13: Chapter 2: Knowing The Parts

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Page 14: Top Side

Top Side The keyboard differs for each territory. START ENGINE Pause Prt sc Delete Break Home Pgup Pgdn Sysrq Insert Backspace Num lk Scr lk Pgup Home Enter Caps Lock Shift Shift Pgdn Enter Ctrl Ctrl Insert Delete Notebook PC User Manual Downloaded from LpManual.com

Manuals...

Page 15 3D Indicator (on selected models) This indicator lights up when the 3D function is activated. 3D Vision IR port (on selected models) The 3D Vision IR port transmits 3D Vision signals to the 3D glasses when you play a 3D video game or watch 3D movies.

Page 16 Status Indicators (top) Status indicators represent various hardware/software conditions. See indicator details in Chapter 3. Illuminate Keyboard The illuminate keyboard provides full-sized keys with comfortable travel (depth at which the keys can be depressed) and palm rest for both hands. Two Windows function keys are provided to help ease navigation in the Windows operating system.

Page 17: Bottom Side

Bottom Side The bottom side may vary in appearance depending on model. The battery pack size varies depending on model. WARNING! The bottom of the Notebook PC can get very hot. Be careful when handling the Notebook PC while it is in operation or recently been in operation.

Page 18 Battery Lock - Manual The manual battery lock is used to keep the battery pack secured. Move the manual lock to the unlocked position to insert or remove the battery pack. Move the manual lock to the locked position after inserting the battery pack. Battery Pack The battery pack is automatically charged when the Notebook PC is connected to an AC power source and...

Page 19 Hard Disk Drive Compartment The hard disk drive is secured in a compartment. Visit an authorized service center or retailer for information on hard disk drive upgrades for your Notebook PC. Only purchase hard disk drives from authorized retailers of this Notebook PC to ensure maximum compatibility and reliability.

Page 20: Right Side

Right Side Headphone Output Jack The stereo headphone jack (1/8 inch) is used to connect the Notebook PC’s audio out signal to amplified speakers or headphones. Using this jack automatically disables the built-in speakers. Microphone Input Jack The mono microphone jack (1/8 inch) can be used to connect an external microphone or output signals from audio devices.

Page 21 USB Port (3.0) The USB (Universal Serial Bus) port is compatible with USB 3.0, 2.0, or USB 1.1 devices such as keyboards, pointing devices, cameras, hard disk drives, printers, and scanners connected in a series up to 4.8Gbits/sec (USB 3.0), 480Mbits/sec (USB 2.0), and 12Mbits/sec (USB 1.1).

Page 22 Power (DC) Input The supplied power adapter converts AC power to DC power for use with this jack. Power supplied through this jack supplies power to the Notebook PC and charges the internal battery pack. To prevent damage to the Notebook PC and battery pack, always use the supplied power adapter.

Page 23: Left Side

Left Side Optical Drive The Notebook PC comes in various models with different optical drives. The Notebook PC’s optical drive may support compact discs (CD) and/or digital video discs (DVD) and may have recordable (R) or re-writable (RW) capabilities. See the marketing specifications for details on each model. Optical Drive Activity Indicator The optical drive activity indicator shows when data is being transferred by the optical disk drive.

Page 24 USB Port (2.0) The USB (Universal Serial Bus) port is compatible with USB 2.0 or USB 1.1 devices such as keyboards, pointing devices, cameras, hard disk drives, printers, and scanners connected in a series up to 12Mbits/sec (USB 1.1) and 480Mbits/sec (USB 2.0).

Page 25: Rear Side

Rear Side Battery Pack The battery pack is automatically charged when the Notebook PC is connected to an AC power source and maintains power to the Notebook PC when AC power is not connected. This allows use when moving temporarily between locations.

Page 26: Front Side

Front Side Flash Memory Slot Normally an external memory card reader must be purchased

separately in order to use memory cards from devices such as digital cameras, MP3 players, mobile phones, and PDAs. This Notebook PC has a built-in high-speed memory card reader that can conveniently read from and write to many flash memory cards.

Page 27: Chapter 3: Getting Started

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Page 28: Power System

Power System Using AC Power The Notebook PC power is comprised of two parts, the power adapter and the battery power system. The power adapter converts AC power from a wall outlet to the DC power required by the Notebook PC. Your Notebook PC comes with a universal AC-DC adapter.

Page 29 IMPORTANT! Damage may occur if you use a different adapter to power the Notebook PC or use the Notebook PC's adapter to power other electrical devices. If there is smoke, burning scent, or extreme heat coming from the AC-DC adapter, seek servicing. Seek servicing if you suspect a faulty AC-DC adapter.

Page 30: Using Battery Power

Using Battery Power The Notebook PC is designed to work with a removable battery pack. The battery pack consists of a set of battery cells housed together. A fully charged pack will provide several hours of battery life, which can be further extended by using power management features through the BIOS setup.

Page 31: Battery Care

To remove the battery pack: IMPORTANT! Only use battery packs and power adapters supplied with this Notebook PC or specifically approved by the manufacturer or retailer for use with this model or else damage may occur to the Notebook PC. Battery Care The Notebook PC's battery pack, like all rechargeable batteries, has a limit on the number times it can be recharged.

Page 32: Powering On The Notebook Pc

Powering ON the Notebook PC The Notebook PC's power-ON message appears on the screen when you turn it ON. If necessary, you may adjust the brightness by using the hot keys. If you need to run the BIOS Setup to set or modify the system configuration, press [F2] upon bootup to enter the BIOS Setup.

Page 33 Self Monitoring and Reporting Technology The S.M.A.R.T. (Self Monitoring and Reporting Technology) checks the hard disk drive during POST and gives a warning message if the hard disk drive requires servicing. If any critical hard disk drive warning is given during bootup, backup your data immediately and run Windows disk checking program.

Page 34: Checking Battery Power

Checking Battery Power The battery system implements the Smart Battery standard under the Windows environment, which allows the battery to accurately report the amount of charge left in the battery. A fully-charged battery pack provides the Notebook PC a few hours of working power.

Page 35: Charging The Battery Pack

Charging the Battery Pack Before you use your Notebook PC on the road, you will have to charge the battery pack. The battery pack begins to charge as soon as the Notebook PC is connected to external power using the power adapter.

Page 36: Power Options

Power Options The power switch turns ON and OFF the Notebook PC or putting the Notebook PC into sleep or hibernation modes. Actual behavior of the power switch can be customized in Windows Control Panel "Power Options." For other options, such as "Switch User, Restart, Sleep, or Shut Down,"...

Page 37: Emergency Shutdown

Emergency Shutdown In case your operating system cannot properly turn OFF or restart, there is an additional way to shutdown your Notebook PC: Hold the power button over 4 seconds.

IMPORTANT! DO NOT use emergency shutdown while data is being written; doing so can result in loss or destruction of your data.

Page 38: Power Management Modes

Power Management Modes The Notebook PC has a number of automatic or adjustable power saving features that you can use to maximize battery life and lower Total Cost of Ownership (TCO). You can control some of these features through the Power menu in the BIOS Setup. ACPI power management settings are made through the operating system.

Page 39 Sleep is the same as Suspend-to- RAM (STR). This function stores your current data and status in RAM while many components are turned OFF. Because RAM is volatile, it requires power to keep (refresh) the data. Click the Windows button and the arrowhead next to the lock icon to see this option.

Page 40: Thermal Power Control

Thermal Power Control There are three power control methods for controlling the Notebook PC's thermal state. These power control cannot be configured by the user and should be known in case the Notebook PC should enter these states. The following temperatures represent the chassis temperature (not CPU).

Page 41: Special Keyboard Functions

Special Keyboard Functions Colored Hot Keys The following defines the colored hot keys on the Notebook PC's keyboard. The colored commands can only be accessed by first pressing and holding the function key while pressing a key with a colored command. The Hot Key locations on the function keys may vary depending on model but the functions should remain the same.

Page 42 LCD/Monitor Icons (F8): Toggles between the Notebook PC's LCD display and an external monitor in this series: LCD Only -> CRT Only (External Monitor) -> LCD + CRT Clone -> LCD + CRT Extend. (This function does not work in 256 Colors, select High Color in Display Property Settings.) NOTE: Must connect an external monitor "before"...

Page 43: Microsoft Windows Keys

Power4Gear Hybrid (Fn+Space Bar): This key toggles power savings between various power saving modes. The power saving modes control many aspects of the Notebook PC to maximize performance versus battery time. Applying or removing the power adapter will automatically switch the system between AC mode and battery mode.

Page 44: Keyboard As Pointers

Keyboard as Pointers The keyboard can be used as pointers while Number Lock is ON or OFF in order to increase navigation ease while entering numeric data in spreadsheets or similar applications. With Number Lock OFF, press [ ] and one of the pointer keys shown below.

Page 45: Extended Keyboard

Extended Keyboard An extended keyboard is available on selected models. The extended keyboard has a dedicated numeric keypad for easy number entry. Use [Num Lk / Scr Lk] to toggle between using the extended keypad as numbers or as pointer directions. The pointer direction keys are for navigation between fields or cells such as those in a spreadsheet or table.

Page 46: Multimedia Control Keys

Multimedia Control Keys The multimedia control keys allows for convenient controlling of the multimedia application. The following defines the meaning of each multimedia control key on the Notebook PC. Some control key functions may defer depending on Notebook PC model. Use the [Fn] key in combination with the arrow keys for CD control functions.

Page 47: Switches And Status Indicators

Switches and Status Indicators Switches START ENGINE Turbo/Express Gate Key Pressing this button will launch Express Gate when the Notebook PC is powered off. Refer to the Express Gate User's Manual for details. Pressing this button will boost the system performance to the turbo mode when the Notebook PC is powered on.

Page 48 Light Cancellation key Toggles the keyboard LED and the instant keys light ON and

OFF. Power Switch The power switch turns ON and OFF the Notebook PC or putting the Notebook PC into sleep or hibernation modes. Actual behavior of the power switch can be customized in Windows Control Panel “Power Options.”...

Page 49: Status Indicators

Status Indicators Front Power Indicator The power indicator lights when the Notebook PC is turned ON and blinks slowly when the Notebook PC is in the Suspend-to- RAM (Sleep) mode. This indicator is OFF when the Notebook PC is turned OFF or in the Suspend-to-Disk (Hibernation) mode. Battery Charge Indicator (dual-color) The dual-color battery charge indicator shows the status of the battery’s power as follows:...

Page 50

Bluetooth / Wireless Indicator This is only applicable on models with internal Bluetooth (BT) and built-in wireless LAN. This indicator will light to show that the Notebook PC’s built-in Bluetooth (BT) function is activated. When the built-in wireless LAN is enabled, this indicator will also light.

Page 51: Chapter 4: Using The Notebook Pc

Chapter 4: Using the Notebook PC Downloaded from LpManual.com Manuals...

Page 52: Pointing Device

Pointing Device The Notebook PC’s integrated touchpad pointing device is fully compatible with all two/three-button and scrolling knob PS/2 mice. The touchpad is pressure sensitive and contains no moving parts; therefore, mechanical failures can be avoided. A device driver is still required for working with some application software.

Page 53: Using The Touchpad

Using the Touchpad The touchpad allows you to use your fingers to move the pointer around or select onscreen items instead of using a standard mouse. To use the touchpad, lightly press or tap your finger on the touchpad. Moving The Pointer Place your finger in the center of the touchpad and slide in...

Page 54: Touchpad Usage Illustrations

Touchpad Usage Illustrations Clicking/Tapping - With the pointer over an item, press the left button or use your fingertip to touch the touchpad lightly, keeping your finger on the touchpad until the item is selected. The selected item will change color.

Page 55

Dragging - Dragging refers to moving an item to another location. Move your finger over an item, while simultaneously pressing the left button, move the item to your desired location, then release the left button. You can also double-tap and hold the item while dragging it with your finger.

Page 56

Scrolling - Use one fingertip to slide up/down/left/right on the touchpad to scroll a window up/down/left/right. If your display window includes several sub-windows, move the pointer on that pane before scrolling. Scrolling Scrolling vertically horizontally Two-finger zooming in/out - Moving two fingertips apart or together on the touchpad to zoom in or zoom out.

Page 57: Caring For The Touchpad

Caring for the Touchpad The touchpad is pressure sensitive. If not properly cared for, it can be easily damaged. Take note of the following precautions. • Ensure the touchpad does not come into contact with dirt, liquids or grease. • Do not touch the touchpad if your fingers are dirty or wet. • Do not rest heavy objects on the touchpad or the touchpad buttons. • Do not scratch the touchpad with your finger nails or any hard objects. The touchpad responds to movement not to force. There is no need to tap the surface too hard.

Page 58

Click Device Settings on the top and click Disable internal pointing device when external USB pointing device plug in check box. Click OK to finish the configuration. Notebook PC User Manual Downloaded from LpManual.com Manuals...

Page 59: Storage Devices

Storage Devices Storage devices allow the Notebook PC to read or write documents, pictures, and other files to various data storage devices. Optical Drive Inserting an optical disc While the

Notebook PC's power is ON, press the drive's eject button and the tray will eject out partially. Gently pull on the drive's front panel and slide the tray completely out.

Page 60 Hold the disc by the edge and face the disc's printed side up. Push down on both sides of the disc's center until the disc snaps onto the hub. The hub should be higher than the disc when correctly mounted. Slowly push the drive's tray back in.

Page 61: Removing An Optical Disc

Removing an optical disc Eject the tray and gently pry the edge of the disc upwards at an angle to remove the disc from the hub. Emergency eject The emergency eject is located in a hole on the optical drive and is used to eject the optical drive tray in case the electronic eject does not work.

Page 62: Using The Optical Drive

Using the Optical Drive Optical discs and equipment must be handled with care because of the precise mechanics involved. Keep in mind the important safety instructions from your CD suppliers. Unlike desktop optical drives, the Notebook PC uses a hub to hold the CD in place regardless of the angle.

Page 63: Flash Memory Card Reader

Flash Memory Card Reader Normally a memory card reader must be purchased separately in order to use memory cards from devices such as digital cameras, MP3 players, mobile phones, and PDAs. This Notebook PC has a single built-in memory card reader that can use many flash memory cards as shown in the example below.

Page 64: Hard Disk Drive

Hard Disk Drive Hard disk drives have higher capacities and operate at much faster speeds than floppy disk drives and optical drives. The Notebook PC comes with a replaceable hard disk drive. Current hard drives support S.M.A.R.T. (Self Monitoring and Reporting Technology) to detect hard disk errors or failures before they happen.

Page 65: Removing The Hard Disk Drives

Removing the hard disk drives Notebook PC User Manual Downloaded from LpManual.com Manuals...

Page 66 Installing the hard disk drives Follow the previous sections and install the hard disk drives in a reverse order. Notebook PC User Manual Downloaded from LpManual.com Manuals...

Page 67: Memory (Ram)

Memory (RAM) Additional memory will increase application performance by decreasing hard disk access. Visit an authorized service center or retailer for information on memory upgrades for your Notebook PC. Only purchase expansion modules from authorized retailers of this Notebook PC to ensure maximum compatibility and reliability. The BIOS automatically detects the amount of memory in the system and configures CMOS accordingly during the POST (Power-On-Self-Test) process.

Page 68 This Notebook PC may come with four DIMM slots for your future upgrade. Refer to the following memory population table for a correct memory installation sequence. Note that the DIMM slot 1 and 4 are located under the keyboard and slot 2 and 3 are at the bottom side.

Page 69: Installing A Memory Card

Installing a Memory Card: (This is only an example.) Removing a Memory Card: (This is only an example.) Notebook PC User Manual Downloaded from LpManual.com Manuals...

Page 70: Connections

Connections The built-in network cannot be installed later as an upgrade. After purchase, network can be installed as an expansion card. Network Connection Connect a network cable, with RJ-45 connectors on each end, to the modem/network port on the Notebook PC and the other end to a hub or switch.

Page 71 Twisted-Pair Cable The cable used to connect the Ethernet card to a host (generally

a Hub or Switch) is called a straight-through Twisted Pair Ethernet (TPE). The end connectors are called RJ-45 connectors, which are not compatible with RJ-11 telephone connectors. If connecting two computers together without a hub in between, a crossover LAN cable is required (Fast-Ethernet model).

Page 72: Wireless Lan Connection

Wireless LAN Connection The optional built-in wireless LAN is a compact easy-to-use wireless Ethernet adapter. Implementing the IEEE 802.11 standard for wireless LAN (WLAN), the optional built-in wireless LAN is capable of fast data transmission rates using Direct Sequence Spread Spectrum (DSSS) and Orthogonal Frequency Division Multiplexing (OFDM) technologies on 2.4GHz/5GHz frequencies.

Page 73: Infrastructure Mode

Ad-hoc mode The Ad-hoc mode allows the Notebook PC to connect to another wireless device. No access point (AP) is required in this wireless environment. (All devices must install Notebook PC Desktop PC optional 802.11 wireless LAN adapters.) Infrastructure mode The Infrastructure mode allows the Notebook PC and other wireless devices to join a wireless network created by an Access Point (AP) (sold separately) that provides a central link for wireless clients to...

Page 74: Windows Wireless Network Connection

Windows Wireless Network Connection Connecting to a network Switch ON the Wireless function if necessary for your model (see switches in Section 3). Press [FN+F2] repeatedly until wireless LAN icon and Bluetooth icon are shown. Or double click the Wireless Console icon in Windows notification area and select the wireless LAN icon.

Page 75

When connecting, you may have to enter a password. After a connection has been established, the connection is shown on the list. You can see the wireless network icon in the Notification area. The crossed wireless network icon appears when you press <Fn>...

Page 76: Bluetooth Wireless Connection(On Selected Models)

Bluetooth Wireless Connection (on selected models) Notebook PCs with Bluetooth technology eliminates the need for cables for connecting Bluetooth-enabled devices. Examples of Bluetooth-enabled devices may be Notebook PCs, Desktop PCs, mobile phones, and PDAs. If your Notebook PC did not come with built-in Bluetooth, you need to connect a USB or ExpressCard Bluetooth module in order to use Bluetooth.

Page 77

Or double click the Wireless Console icon in the Windows notification area and select the Bluetooth icon. From Control Panel, go to Network and Internet > Network and Sharing Center and then click Change adapter settings in the left blue pane. Right-click Bluetooth Network Connection and select View Bluetooth...

Page 78

Select a Bluetooth-enabled device from the list and click Next. Enter the Bluetooth security code into your device and start pairing. The paired relationship is successfully built. Click Close to finish the setting. Notebook PC User Manual Downloaded from LpManual.com Manuals...

Page 79: Appendix

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Page 80: Optional Accessories

Optional Accessories These items, if desired, come as optional items to complement your Notebook PC. USB Hub (Optional) Attaching an optional USB hub will increase your USB ports and allow you to quickly connect or disconnect many USB peripherals through a single cable. USB Flash Memory Disk A USB flash memory disk is an optional item that can provide storage up to several hundred megabytes, higher transfer speeds,...

Page 81: Operating System And Software

Operating System and Software This Notebook PC may offer (depending on territory) its customers the choice of a pre-installed Microsoft Windows operating system. The choices and languages will depend on the territory. The levels of hardware and software support may vary depending on the installed operating system.

Page 82: System Bios Settings

System BIOS Settings The BIOS screens in this section are for reference only. The actual screens may differ by models and territories. Boot Device On the Boot screen, select Boot Option #1. Aptio Setup Utility - Copyright (C) 2009 American Megatrends, Inc. Main Main Advanced...

Page 83: Security Setting

Security Setting Aptio Setup Utility - Copyright (C) 2009 American Megatrends, Inc. Main Main Advanced Advanced Boot Boot Security Save & Exit Password Description Set the system boot order. If ONLY the Administrator's password is set, then this only limits access to Setup and is only asked for when entering Setup.

Page 84: Save Changes

Save Changes If you want to keep your configuration settings, you must save changes before exiting the BIOS setup utility. Aptio Setup Utility - Copyright (C) 2009 American Megatrends, Inc. Main Main Advanced Advanced Boot Boot Security Save & Exit Exit system setup after saving Save Changes and Exit the changes.

Page 85: Common Problems And Solutions

Hardware Problem - Keyboard / Hotkey The Hotkey (FN) is disabled. A. Reinstall the "ATK0100" driver from the driver CD or download it from the ASUS website. Notebook PC User Manual Downloaded from LpManual.com Manuals...

Page 86 Diagnostics: Power On by Battery only? (Y = 2, N = 4) Able to see BIOS (ASUS Logo)? (Y = 3, N = A) Able to load the OS? (Y = B, N = A) Adapter power LED ON? (Y = 5, N = C)

Page 87 Symptom & Solutions: A. Problem might be in the MB, HDD, or NB; visit a local service center for assistance. B. Problem caused by the operating system, try restoring your system us- ing the recovery partition or disc. IMPORTANT! You must backup all your data to another location before recovering. C. Adapter problem; check the power cord connections, otherwise visit a local service center for replacement. D. Battery problem; please check the battery contacts, otherwise visit a local service center for repair. Hardware Problem - Wireless Card How to check whether a Notebook PC is equipped with a wireless card? A.

Page 88 When I power ON the Notebook PC, there will be an "Open policy file error" message. A. Reinstall the latest version "Power4 Gear" utility to solve your problem. It is available on the ASUS website. Unknown Reason - Blue screen with white text A blue screen with white text appears after system bootup.

Page 89 If problem still cannot be solved, use the recovery process to reinstall your entire system. IMPORTANT! You must backup all your data to another location before recovering. CAUTION! DO NOT connect to the Internet before you have installed an anti-virus software and Internet firewall to protect yourself from viruses.

Page 90: Updating The Bios

Updating the BIOS. Please verify the Notebook PC's exact model and download the latest BIOS file for your model from the ASUS website and save it in your flash disk drive. Connect your flash disk drive to the Notebook PC and power on the Notebook PC.

Page 91: Recovering Your Notebook Pc

Press [Enter] to select Windows Setup [EMS Enabled]. Select the language you want to recover and click Next. Read the ASUS Preload Wizard messages and click Next. Select a partition option and click Next. Partition options: Recover Windows to first partition only.

Page 92: Using Recovery Dvd (On Selected Models

This option deletes all partitions from your hard drive and creates two new partitions "C" (25%) and "D" (75%). Follow the onscreen instructions to complete the recovery process. Visit the ASUS website at www.asus.com for updated drivers and utilities. Using Recovery DVD (on selected models) Lock the secondary hard disk drive:...

Page 93 Select SATA 2nd HDD Interface and set it to Lock. Aptio Setup Utility - Copyright (C) 2010 American Megatrends, Inc. Security If Locked, 2nd SATA HDD will be I/O Interface Security

disabled. LAN Network Interface [Unlock] Wireless Network Interface [Unlock] HD AUDIO Interface [Unlock] SATA 2nd HDD Interface...

Page 94 Ensure to connect the power adapter to your Notebbook PC when performing system recovery. Unstable power supply may cause recovery failure. Visit the ASUS website at www.asus.com for updated drivers and utilities. Follow the previous section to unlock the secondary hard disk drive.

Page 95: Dvd-Rom Drive Information

DVD-ROM Drive Information The Notebook PC comes with an optional DVD-ROM drive or a CD-ROM drive. In order to view DVD titles, you must install your own DVD viewer software. Optional DVD viewer software may be purchased with this Notebook PC. The DVD-ROM drive allows the use of both CD and DVD discs.

Page 96: Region Definitions

Region Definitions Region 1 Canada, US, US Territories Region 2 Czech, Egypt, Finland, France, Germany, Gulf States, Hungary, Iceland, Iran, Iraq, Ireland, Italy, Japan, Netherlands, Norway, Poland, Portugal, Saudi Arabia, Scotland, South Africa, Spain, Sweden, Switzerland, Syria, Turkey, UK, Greece, Former Yugoslav Republics, Slovakia Region 3 Burma, Indonesia, South Korea, Malaysia, Philippines, Singapore, Taiwan, Thailand, Vietnam...

Page 97: Blu-Ray Rom Drive Information (On Selected Models

Blu-ray ROM Drive Information (on selected models) Region Definitions Region A North, Central and South American countries, and their territories; Taiwan, Hong Kong, Macao, Japan, Korea (South and North), South East Asian countries and their territories. Region B European, African, and South West Asian countries and their territories;...

Page 98: 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...

Page 99: Network Compatibility Declaration

Network Compatibility Declaration Statement to be made by the manufacturer to the user: “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. The manufacturer shall also associate a statement to make it clear where network compatibility is dependent on physical and software switch settings.

Page 100 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 101 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 102: Declarations And Safety Statements

Declarations and Safety Statements 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.

Page 103: Fcc Radio Frequency (Rf) Exposure Caution Statement

(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 Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

Page 104: Ce Mark Warning

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...

Page 105: 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: •...

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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.

Page 107: 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 108: 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. A-30 Notebook PC User Manual Downloaded from LpManual.com Manuals...

Page 109: 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.

Page 110: Optical Drive Safety Information

Optical Drive Safety Information Laser Safety Information Internal or external optical drives sold with this Notebook PC contains a CLASS 1 LASER PRODUCT. Laser classifications can be found in the glossary at the end of this user's manual. WARNING! Making adjustments or performing procedures other than those specified in the user's manual may result in hazardous laser exposure.

Page 111: Macrovision Corporation Product Notice

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Page 112: 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 German Greek Italian Portuguese A-34 Notebook PC User Manual Downloaded from LpManual.com Manuals...

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Page 114: European Union Eco-Label

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Page 115: Global Environmental Regulation Compliance And Declaration

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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 P.C.