



Asus U46E User Manual

Notebook pc

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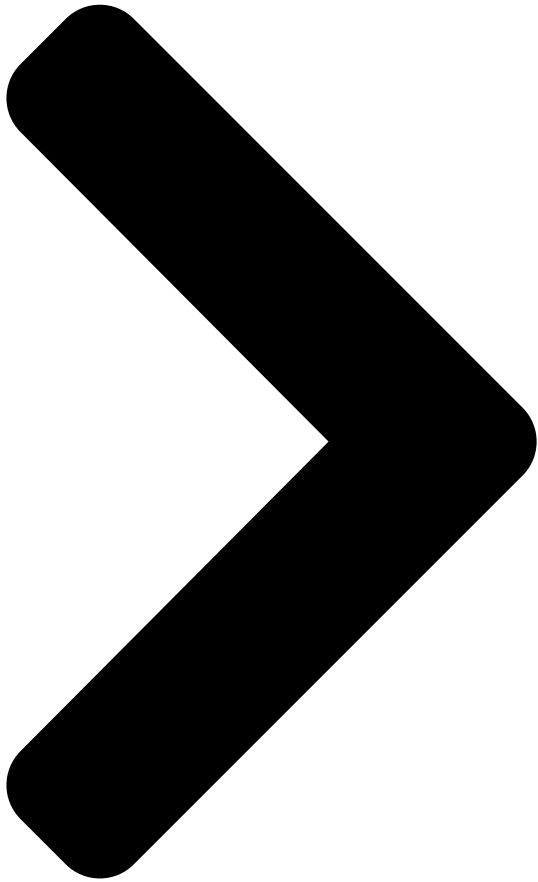
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E6381

Notebook PC User Manual

U46E/ U46S/ PRO4LS/ X4LS

April 2011

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Summary of Contents for Asus U46E

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[Page 5: Chapter 1: Introducing The Notebook Pc](#)

Chapter 1: Introducing the Notebook PC...

[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 Notebook PC should only be used in environments with ambient temperatures between 5°C (41°F) and 35°C (95°F). DO NOT carry or cover a Notebook PC that is powered ON with any materials that will reduce air circulation such as a carrying bag.

[Page 9: Sound Pressure Warning](#)

Sound Pressure warning Excessive sound pressure from earphones or headphones can cause hearing damage or loss. Adjustment of the volume control as well as the equalizer to settings other than the center position may increase the earphones or headphones output voltage and the sound pressure level.

[Page 10: Airplane Precautions](#)

Cover Your Notebook PC Purchase a carrying bag to protect the Notebook PC from dirt, water, shock, and scratches. Charge Your Batteries If you intend to use battery power, be sure to fully charge your battery pack and any optional battery packs before going on long trips.

[Page 11: Preparing Your Notebook Pc](#)

Preparing your Notebook PC These are quick instructions for using your Notebook PC. Installing the Battery Pack Align the notches Connecting the Power Adapter Notebook PC User Manual...

[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](#)

Chapter 2: Knowing the parts...

[Page 14: Top Side](#)

Top Side The keyboard differs for each territory. Notebook PC User Manual...

[Page 15](#) Camera The built-in camera allows picture taking or video recording. Can be used with video conferencing and other interactive applications. Display Panel The display panel functions the same as a desktop monitor. The Notebook PC uses an active matrix TFT LCD, which provides excellent viewing like that of desktop monitors.

[Page 16](#) Keyboard The 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. Touchpad and Buttons The touchpad with its buttons is a pointing device that provides the same functions as a desktop mouse.

[Page 17: Bottom Side](#)

Bottom Side The bottom side may vary in appearance depending on model. The battery pack size varies depending on model. 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 - Spring The spring battery lock is used to keep the battery pack secured. When the battery pack is inserted, it will automatically lock. To remove the battery pack, this spring lock must be held in the unlocked position. Battery Pack The battery pack is automatically charged when the Notebook PC is connected to an AC power source and...

[Page 19: Right Side](#)

Right 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 Electronic Eject The optical drive eject has an electronic eject button for opening the tray.

[Page 20](#) LAN Port The RJ-45 LAN port with eight pins is larger than the RJ-11 modem port and supports a standard Ethernet cable for connection to a local network. The built-in connector allows convenient use without additional adapters. HDMI HDMI Port HDMI (High-Definition Multimedia Interface) is an uncompressed all-digital audio/video interface between any audio/video source, such as a set-top box, DVD player,...

[Page 21: Left Side](#)

Left Side Display (Monitor) Output The 15-pin D-sub monitor port supports a standard VGA-compatible device such as a monitor or projector to allow viewing on a larger external display. Air Vents The air vents allow cool air to enter and warm air to exit the Notebook PC.

[Page 22](#) 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 23: Rear Side](#)

Rear Side Kensington® Lock Port The Kensington® lock port allows the Notebook PC to be secured using Kensington® compatible Notebook PC security products. These security products usually include a metal cable and lock that prevent the Notebook PC to be removed from a fixed object. Some may also include a motion detector to sound an alarm when moved.

[Page 24: 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 25: Chapter 3: Getting Started](#)

Chapter 3: Getting Started...

[Page 26: 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 27](#) 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 28: 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 29: 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 30: 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 31](#) 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 32: 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 33: 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 34: 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 35: 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 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 36: 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 37: Thermal Power Control](#)

Hibernate is the same as Suspend-to-Disk (STD) and stores your current data and status on the hard disk drive. By doing this, RAM does not have to be periodically refreshed and power consumption is greatly reduced but not completely eliminated because certain wake-up components like LAN needs to remain powered.

[Page 38: 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 39](#) 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 40: Microsoft Windows Keys](#)

Fn+C: Toggles "Splendid Video Intelligent Technology" function ON and OFF. This allows switching between different display color enhancement modes in order to improve contrast, brightness, skin tone, and color saturation for red, green, and blue independently. You can see the current mode through the onscreen display (OSD).

[Page 41: Keyboard As A Numeric Keypad](#)

Keyboard as a Numeric Keypad The numeric keypad is embedded in the keyboard and consists of 15 keys that make number intensive input more convenient. These dual-purpose keys are labeled in orange on the key caps. Numeric assignments are located at the upper right hand corner of each key as shown in the figure.

[Page 42: Multimedia Control Keys \(On Selected Models\)](#)

Multimedia Control Keys (on selected models) 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.

[Page 43: Switches And Status Indicators](#)

Switches and Status Indicators Switches Power4Gear Key (on selected models) Under the Windows OS, this key functions as the Power4Gear Hybrid key. The 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.

[Page 44: Status Indicators](#)

Status Indicators 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 45: Drive Activity Indicator](#)

Off: Battery power is between 10% and 100% (without AC power). Drive Activity Indicator Indicates that the Notebook PC is accessing one or more storage device(s) such as the hard disk. The light flashes proportional to the access time. Bluetooth / Wireless Indicator This is only applicable on models with internal Bluetooth (BT) and built-in wireless LAN.

[Page 46](#) Notebook PC User Manual...

[Page 47: Chapter 4: Using The Notebook Pc](#)

Chapter 4: Using the Notebook PC...

[Page 48: 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 49: 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 a direction to move the pointer.

[Page 50: 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 51](#) 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 52: 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 53](#) Click ELAN on the top and click Disable when external USB pointing device plug in check box. Click OK to finish the configuration. Notebook PC User Manual...

[Page 54: Storage Devices](#)

Storage Devices Storage devices allow the Notebook PC to read or write documents, pictures, and other files to various data storage devices. 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.

[Page 55: 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 56: 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 57](#) 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 58: Wireless Lan Connection \(On Selected Models\)](#)

Wireless LAN Connection (on selected models) 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 59: 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 60: 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 Chapter 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 61](#) 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 area. The crossed wireless network icon <Fn> + <F2> to disable the WLAN function. Notebook PC User Manual in the Notification appears when you press...

[Page 62: 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 63](#) 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 64](#) 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...

[Page 65: Appendix](#)

Appendix...

[Page 66: 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 67: 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 68: 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) 2008 American Megatrends, Inc. Main Main Advanced...

[Page 69: Security Setting](#)

Security Setting Aptio Setup Utility - Copyright (C) 2008 American Megatrends, Inc. Main Main Advanced Advanced Boot Boot Security Password Description If ONLY the Administrator's password is set, then this only limits access to Setup and is only asked for when entering Setup. If ONLY the user's password is set, then this is a power on password and must be entered to boot or enter Setup.

[Page 70: Save Changes](#)

Save Changes If you want to keep your configuration settings, you must save changes before exiting the BIOS setup utility. If you want to restore default settings, choose Restore Defaults. You must then save changes to keep the manufacture default settings. Aptio Setup Utility -

[Page 71: Common Problems And Solutions](#)

If the problem still exist, contact your local service center and ask an engineer for assistance. 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...

[Page 72](#) 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 73](#) 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 using 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 74](#) 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 75](#) 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 76: 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 77: 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 78: Using Recovery Dvd \(On Selected Models\)](#)

This option deletes all partitions from your hard drive and creates two new partitions "C" (40%) and "D" (60%). 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) Creating the Recovery DVD: Double-click the AI Recovery Burner icon on the Window desktop.

[Page 79: Using The Recovery Dvd](#)

Ensure to connect the power adapter to your Notebook 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. Notebook PC User Manual DVD: :...

[Page 80: 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 81: 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 82](#) This table shows the countries currently under the CTR21 standard. Country Austria Belgium Czech Republic Denmark Finland France Germany Greece Hungary Iceland Ireland Italy Israel Lichtenstein Luxemburg The Netherlands Norway Poland Portugal Spain Sweden Switzerland United Kingdom A-18 Applied More Testing Not Applicable Not Applicable Still Pending...

[Page 83](#) 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 84: 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 85: 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 86: Ce Marking](#)

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" 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 87: Wireless Operation Channel For Different Domains](#)

Wireless Operation Channel for Different Domains N. America 2.412-2.462 GHz Japan 2.412-2.484 GHz Europe ETSI 2.412-2.472 GHz France Restricted Wireless Frequency Bands Some areas of France have a restricted frequency band. The worst case maximum authorized power indoors are: • 10mW for the entire 2.4 GHz band (2400 MHz-2483.5 MHz) •...

[Page 88](#) 60 Oise 63 Puy du Dôme 66 Pyrénées Orientales 68 Haut Rhin 71 Saône et Loire 82 Tarn et Garonne 88 Vosges 90 Territoire de Belfort This requirement is likely to change over time, allowing you to use your wireless LAN card in more areas within France. Please check with ART for the latest information (www.arcep.fr) Your WLAN Card transmits less than 100mW, but more than 10mW.

[Page 89: 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 90: Power Safety Requirement](#)

H05VV-F, 3G, 0.75mm or H05VV-F, 2G, 0.75mm 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-26 Notebook PC User Manual...

[Page 91: 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 92: Macrovision Corporation Product Notice](#)

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[Page 93: Ctr 21 Approval\(For Notebook Pc With Built-In Modem](#)

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