Asus A2D User Manual

Drivers and utilities

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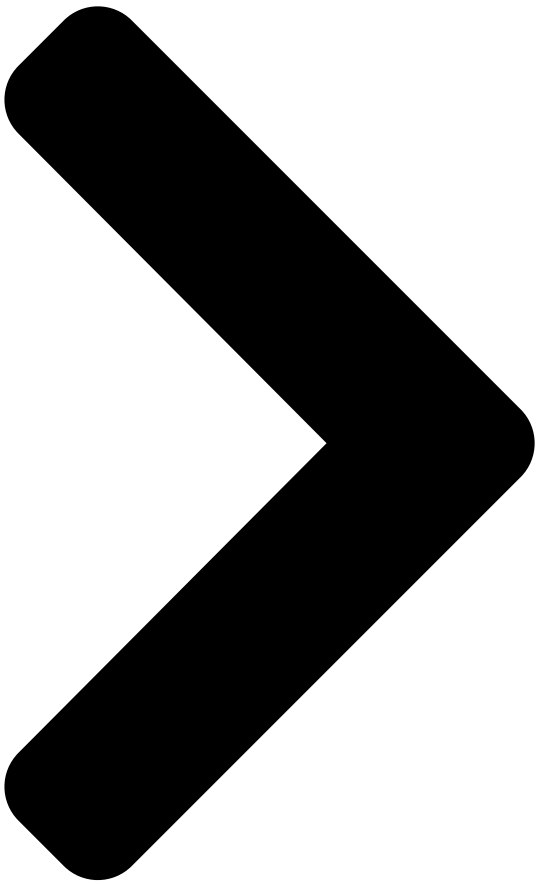

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Related Manuals for Asus A2D

Laptop Asus A2D Hardware User Manual

Asus a2d: user guide (74 pages)

Software Asus NB Probe User Manual

Asus nb probe software: user guide (8 pages)

Software Asus A2C User Manual

(7 pages)

Laptop Asus 1 E1309 Hardware User Manual

Asus laptop - notebook pc user manual (70 pages)

Laptop Asus A2K Hardware User Manual

Asus a2k: user guide (74 pages)

Laptop Asus A9Rp Manual Do Utilizador

(68 pages)

Laptop Asus A9Rp Hardware User Manual

(67 pages)

Laptop Asus A55A Manual

(118 pages)

Laptop Asus A73BE User Manual

Notebook pc (116 pages)

Laptop Asus A451CA E-Manual

User's manual for english edition (114 pages)

Laptop Asus A3000N Series Service Manual

(31 pages)

Laptop Asus A552EA E-Manual

X552 series 15.6"; x452 series 14.0" (128 pages)

Laptop Asus X540L E-Manual

(112 pages)

Laptop Asus X455D E-Manual

(114 pages)

Laptop Asus VivoBook 15 E-Manual

(94 pages)

Laptop Asus ROG Zephyrus G15 Manual

Gaming notebook pc (92 pages)

Summary of Contents for Asus A2D

Page 1: Copyright Information

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collectively responsible.

Page 2: Drivers And Utilities

Product Name: Notebook PC Manual Revision: 1 E1516 Release Date: January 2004 Notebook PC Drivers and Utilities User's Manual...

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Page 6: Support Cd For Windows

Support CD for Windows The Notebook PC you purchased may or may not be preloaded with an operating system. The support CD included with this Notebook PC provides all the necessary drivers and ® ® utilities in order for you to use your Notebook PC with Microsoft Windows XP (referred to as "Windows"...

Page 7: Cpu Hotfix

This device is shown under Windows Device Manager "Display adapters." ASUS Wireless LAN "ASUS 802.11g Network Adapter" Driver Required on models with internal wireless LAN. Installs the required network driver for the Notebook PC's optional internal wireless LAN controller. If you purchased the optional internal wireless LAN, you need to install this driver.

Page 8: Check Mail Utility

Modem "SoftK56 Data Fax SmartCP" Driver Installs the necessary driver in order for your operating system to have the correct files for the Notebook PC with built-in modem and drivers for integration with the internal audio. With third-party software, fax and speaker phone capabilities are possible using this Notebook PC.

Page 9: Winflash Utility

Probe2 Utility Installs Probe2 utility to monitor the Notebook PC's CPU temperature and other resources. This is an optional software to help you better manage your Notebook PC's resources. TouchPad "Synaptics PS/2 TouchPad" Driver ® Shown under Windows "Mice and other pointing devices." Installs "Synaptics TouchPad"...

Page 10 Other Support CD items [Read Me] Text File Gives you notes concerning this support CD or the Notebook PC. [Browse this CD] Link Shows you the contents of this support CD using Windows Explorer. [Technical Support Form] Text File Opens up a Technical Support Request Form so that you will understand what kind of information is needed if you run into problems and require technical assistance.

Page 11: Device Manager

Device Manager "Device Manager" will be used in many device driver installation, upgrade, and verification processes. 1. Click "start" button. 2. Click "My Computer" icon. 4. Click "Hardware" tab. 5. Click "Device Manager" button. 3. Click "View system information" link. Hardware Devices After installing your operating system, several question marks will appear under "Other...

Page 12 Device Manager (Before installing drivers) Note: Devices varies from model to model and may differ from your system. Device Manager (After installing drivers)

Page 14: Vga Driver

VGA Driver (It is necessary to install the VGA driver first in order to see other setup screens in their proper sizes.) Topics Covered: VGA Driver Setup Display Settings for Windows XP ATI Taskbar Icon Screens will vary depending on your operating system but the contents should be the same.

Page 15 VGA Driver Setup Running setup will give you the following wizard. See next page for VGA settings. On the welcome screen, click Next to begin the setup wizard. On the “Select Components” screen, click Express... to begin installation. On the “Setup Complete” screen, click Finish. Restarting now will help enlarge the screen area to view other setup items more comfortably.

Page 16: Display Settings For Windows Xp

Display Settings for Windows XP Display Properties Set screen resolution and color quality to the maximum for best results. If your Notebook PC does not support the maximum resolution, panning will occur to cover the extra area. In this case, you can lower the resolution. By right clicking your desktop and selecting Properties, you can view your display properties.

Page 17 Display Settings for Windows XP (Cont’) Color This page allows you to adjust and save profiles for colors, gamma, brightness, and contrast. OpenGL This page allows you to adjust quality and per- formance for applications using OpenGL. Direct3D This page allows you to adjust quality and per- formance for applications using Direct3D.

Page 18 Display Settings for Windows XP (Cont’) Options This page allows you to enable or disable ATi quick access desktop and taskbar menus. Overlay This page allows you to adjust brightness, con- trast, saturation, hue, and gamma for videos.

Page 19 Display Settings for Windows XP (Cont’) ATi Taskbar Icon Bring up ATi quick-access menus by right clicking related property windows using the ATi taskbar. If you cannot see this icon, you may have to “Show hidden icons” by clicking on Right-click the ATi icon for many quick access display-setting menus.

Page 20: Asus Wireless Lan

ASUS Wireless LAN (Required Driver) Topics Covered: ASUS Wireless LAN Driver Setup ASUS WLAN Utility Setup ASUS WLAN Utility Quick Start Screens will vary depending on your operating system but the contents should be the same.

Page 21: Asus Wlan Utility Setup

When setup is complete, click Finish. On the “Information” screen, click Next after reading the text. On the “Select Program Folder” screen, click Next or enter a different folder name. Select to use “...ASUS Utilities...” for added features while using the wireless LAN device.

Page 22: Asus Wlan Utility Quick Start

ASUS WLAN Utility Quick Start After installing the ASUS WLAN driver and utility, the utility will automatically start with Windows. If you need to start it manually, you can launch the utility using the desktop icon or through Windows start. You will need to make some wireless LAN settings before being able to use your wireless connection.

Page 23 ASUS WLAN Utility Quick Start (Cont.) Check the “Status” page to see the “Association State”. It should show “Connected - xx:xx:xx:xx:xx:xx”. You can also see the connection quality on the “Connection” page. Click OK to exit the utility.

Page 24: Atkacpi

ATKACPI (Required Driver) Topics Covered: ATKACPI Driver Setup Screens will vary depending on your operating system but the contents should be the same.

Page 25 ATKACPI Driver Setup Running setup will give you the following wizard: When setup is complete, click OK to exit the wizard.

Page 26: Audio

Audio (Required Driver) Topics Covered: Audio Driver Setup Screens will vary depending on your operating system but the contents should be the same.

Page 27 Audio Driver Setup Running setup will give you the following wizard: On the “Welcome” screen, click Next to begin the setup wizard. Wait while files are being copied to your hard drive. Connecting audio devices After restarting Windows, your Notebook PC’s audio controller will begin working.

Page 28: Cpu Hotfix

CPU Hotfix (Required Driver) Topics Covered: CPU Hotfix Setup Screens will vary depending on your operating system but the contents should be the same.

Page 29: Cpu Hotfix Setup 1 Of 2

CPU Hotfix Setup 1 of 2 Two setups are required. There are several languages available in each folder. After setup, restart Windows and your Windows will be able to utilize advanced features in Intel’s latest mobile processor. The first file will extract to a separate folder.

Page 30: Lan

(Required Driver) Topics Covered: LAN Driver Setup Configuring your LAN Screens will vary depending on your operating system but the contents should be the same.

Page 31 LAN Driver Setup Running setup will give you the following wizard: On the “Welcome” screen, click Next to begin the setup wizard. Connect a network cable from your Notebook PC to a hub or switch in a LAN. When setup is complete, select No... and click Finish in order to install other drivers and utilities.

Page 32: Configuring Your Lan

Configuring your LAN Joining a Domain or Workgroup (Windows XP) (1) Click Start and My Computer. (3) Your computer name, workgroup or domain information is shown here. Click Change to view options. (2) Click View system information. You cannot use spaces or symbols in the computer name.

Page 33 Joining a Domain or Workgroup (Cont’) (4a) Domain: The primary server in the domain will perform routing functions and security verifications for your computer. Select Domain and enter an existing domain you wish to join. NOTE: After clicking “OK”, you will be asked for the Domain Controller’s Administrator password to join the domain in Windows XP.

Page 34: Viewing Your Network

Joining a Domain or Workgroup (Cont’) Viewing Your Network (5) After you restart your computer, you should see some contents through Entire Network. (6) Clicking on “My Network Places” will display networks which you have installed protocols for. Clicking a network protocol such as “MS Windows Network”...

Page 36: Modem

Modem (Required Driver) Topics Covered: Modem Driver Setup Modem Configuration Screens will vary depending on your operating system but the contents should be the same.

Page 37 Modem Driver Setup Running setup will give you the following wizard: Click OK to install the modem driver. Modem Configuration Use New Connection Wizard in “Network Connections” to start the configuration wizard to your modem. The New Connection Wizard also allows configuration for other communication devices (if available) such as LAN, ISDN, ADSL, or Bluetooth.

Page 38 Modem Configuration (Cont’) Select “Set up my connection manually” and click Next. Select your modem and click Next. Enter the dial up number for your ISP. Select “Connect using a dial-up modem” and click Next. Enter any name to represent your ISP. Selection one of the security preferences and click Next.

Page 39 Modem Configuration (Cont’) Enter your ISP account name and password and click Next. Connect a telephone cable from your Notebook PC to a telephone jack. Select “Add a

shortcut...” and click Finish. When you click on the link, the connection window will show.

Page 40: Smart Io

Smart IO (Required Driver) Topics Covered: SmartIO Setup Flash Memory Card Usage Screens will vary depending on your operating system but the contents should be the same.

Page 41: Smartio Setup

SmartIO Setup Running setup will give you the following wizard: On the “Welcome” screen, click Next after reading the message. On the “Setup Complete” screen, click Finish. Click Next or deselect a memory type if you don’t want to use one of the memory types. Flash Memory Card Usage Insert a SD, MMC, or MS flash memory card into the socket and you can access it through “My...

Page 42: Powernow

PowerNow (Recommended Utility) Topics Covered: AMD PowerNow Utility Setup Screens will vary depending on your operating system but the contents should be the same.

Page 43 AMD PowerNow Utility Setup Running setup will give you the following wizard: When setup is complete, click Finish to exit the setup wizard.

Page 44: Chkmail

ChkMail (Recommended Utility) Topics Covered: ChkMail Utility Setup Screens will vary depending on your operating system but the contents should be the same.

Page 45 ChkMail Utility Setup Running setup will give you the following wizard: On the “Welcome” screen, click Next after reading the message. On the “Select Program Folder” screen, click Next to continue or enter a different folder name. You must install ATK0100 before running this utility.

Page 46: Hotkey

Hotkey (Required Utility) Topics Covered: Hotkey Utility Setup Hotkey Utility Reference Hotkey Utility Actions Adding a Program to Run Screens will vary depending on your operating system but the contents should be the same.

Page 47 Hotkey Utility Setup Running setup will give you the following wizard: On the “Welcome” screen, click Next after reading the message. On the “Start Copying Files” screen, click Next after checking the current settings. You can select to launch the utility now. On the “Choose Destination Location”...

Page 48: Hotkey Utility Reference

Hotkey Utility Reference Buttons The functions of Add a Hotkey located on the left Delete a Hotkey side program window Edit Hotkey are labeled here. Enable all Hotkeys Disable all Hotkeys Delete all Hotkeys Delete a Hotkey Highlight a Hotkey and click this button to delete it from the current category.

Page 49: Enable All Hotkeys

Hotkey Utility Actions Actions None: Move Window To Left: Move Window To Up: Move Window To Right: Enable all Hotkeys Enables all Hotkeys by placing check marks in front of the Hotkeys in the current category. Disable all Hotkeys Disables all Hotkeys by removing check marks from the front of the Hotkeys in the current category.

Page 50 Actions Descriptions Move Window To Below: Moves the active window down between 1-50 steps Extend Window From Left: Stretches the active window left between 1-50 steps Extend Window From Up: Stretches the active window up between 1-50 steps Extend Window From Right: Stretches the active window right between 1-50 steps Extend Window From Below: Stretches the active window down between 1-50 steps...

Page 51 Actions Minimize Window: Maximize Window: Show Normal Size: Restore: Log Off: Shut Down: Reboot: Run Explorer: Run Browser: Run Program: Descriptions Minimizes the active window Maximizes the active window Shows the active window in normal size (user adjustable)

Restores a minimized window to its previous size.

Page 52: Adding A Program To Run

Adding a Program to Run To add a Hotkey to run a program follow the steps below. (1) Click Add a Hotkey Add a Hotkey button. Delete a Hotkey Edit Hotkey Enable all Hotkeys Disable all Hotkeys Delete all Hotkeys (2) Type a key or key (3) Choose Run Program combination here.

Page 54: Liveupdate

LiveUpdate (Recommended Utility) Topics Covered: LiveUpdate Setup Using LiveUpdate Screens will vary depending on your operating system but the contents should be the same.

Page 55

LiveUpdate Setup Running setup will give you the following wizard: On the “Choose Destination Location” screen, click Next to continue or you may first change the destination folder. On the “Setup Complete” screen, click Finish. On the “Select Program Folder” screen, click Next to continue or enter a different folder name.

Page 56: Using Liveupdate

Using LiveUpdate Close other software to ensure no conflicts. Newer versions will be shown. Check the items to update or select “Check all”. When update is complete, click OK to exit. Click OK to connect to the “Live Update” server. Click OK to download and install the update.

Page 58: Pc-Cillin 2002

PC-cillin 2002 (Recommended Utility) Topics Covered: PC-cillin 2002 Features About Viruses Technical Support PC-cillin 2002 Feature Screens Screens will vary depending on your operating system but the contents should be the same.

Page 59: Welcome To Pc-Cillin 2002

Welcome to PC-cillin 2002 Trend Micro PC-cillin 2002 provides next generation secure computing for today’s personal computers. More than just antivirus software, PC-cillin includes a Personal Firewall, Site filter, Internet mail scanning, and more for all your secure computing needs. Designed for the home or small office user, the friendly interface lets you quickly become familiar with all the powerful features of the software.

Page 60: Personal Firewall

Personal Firewall PC-cillin 2002 provides secure Internet computing with its new Personal Firewall feature. Easy to operate, the Personal Firewall protects your computer from unwanted Internet connections. The Personal Firewall is ideal for computers using always-on broadband (DSL, cable modem) connections, or for those computers that are often online.

Page 61: Trojan System Cleaner

Trojan System Cleaner PC-cillin automatically runs the Trojan System Cleaner (TSC) during initial installation, and every time Real-time Scan runs. The TSC detects the activity of Trojan horse programs, recovers system files which are modified by Trojans, stop their processes, and deletes files dropped from Trojans. Traditional antivirus products only scan "files", they open files and check for virus code.

Page 62: About Intelligent Update

About Intelligent Update Intelligent Update automatically searches for and downloads the latest files for PC-cillin 2002. This includes pattern and program files for both the main program and PC-cillin for Wireless. In addition, Intelligent Update ensures you have the latest Personal Firewall rules. This powerful function keeps PC-cillin and all its components updated;...

Page 63: How Viruses Are Created

How viruses are created Until a few years ago, creating a virus required knowledge of a computer programming language. Today anyone with even a little programming knowledge can create a virus. Usually, though, misguided individuals who want to cause widespread, random damage to computers create viruses. In the typical scenario, it is an individual, working alone, who writes a virus program and then introduces it onto a single computer, network server, or the Internet.

Page 64: Trend Micro Technical Support

Trend Micro Technical Support Email: support@trendmicro.com URL: www.antivirus.com To speed up your problem resolution, when you contact our staff please provide as much of the following information as you can: • Product serial number • PC-cillin program, scan engine, pattern file, version number •...

Page 65: Pc-Cillin 2002 Feature Screens

PC-cillin 2002 Feature Screens PC-cillin 2002 Real-time Monitor The Real-time Monitor is the quickest way to access certain functions, for example to display the PC-cillin or Settings windows. With the Real- time Monitor, you know at a glance if real-time scanning is enabled (the lightning streak icon is red) or disabled (the lightning streak icon is grey).

Page 66: Power4 Gear

Power4 Gear+ (Recommended Utility) Topics Covered: Power4 Gear+ Utility Setup Benefits of Power4 Gear+ Power4 Gear+ Interface Power4 Gear+ Configuration Screens will vary depending on your operating system but the contents should be the same.

Page 67 Power4 Gear+ Utility Setup Running setup will give you the following wizard: On the “Welcome” screen, click Next after reading the message. On the “Select Program Folder” screen, click Next to continue or enter a different folder name. If you don’t have “ATK0100” installed, you will get this message.

Page 68: Benefits Of Power4 Gear

Benefits of Power4 Gear+ Power4 Gear+ gives you control over power consumption items by allowing you to instantly “shift” from one power consumption scheme to another. The preferences or “gears” are shown below. You can change or “shift” gears by using the Power4 Gear+ button above the keyboard or by using the task bar icon. Power4 Gear+ can also be automatically activated when AC power is removed.

Page 69 Using the task bar icon Right-click the icon on the taskbar for quick access to Power4 Gear+ settings. Power4 Gear+ Modes and Power Segments When you are using an AC adapter, the Power4 Gear+ button will allow switching between three modes as shown above.

Page 70: Renaming Settings

Power4 Gear+ Configuration Double click an item to bring up a menu of selections and click on a value to change. To save, select “Save Configuration” form the “File” pull-down menu. If you did not save, you will be prompted to when you exit. Renaming Settings You can rename the power saving levels as you like using the same method to rename files or...

Page 71: Power Saving Details

Power Saving Details CPU Performance Double click an item to view possible settings. Some power saving items are only available under certain modes. System Standby Timer Hard Drive Off Timer Display Panel Brightness Display Panel Off Timer...

Page 72: Probe2

Probe2 (Recommended Utility) Topics Covered: Probe2 Setup Probe2 Reference Starting Probe2 Using Probe2 Monitoring Probe2 Task Bar Icon Screens will vary depending on your operating system but the contents should be the same.

Page 73 Probe2 Setup Running setup will give you the following wizard: On the “Welcome” screen, click Next after reading the message. On the “Select Program Folder” screen, click Next to continue or enter a different folder name. On “Choose Destination Location” , click Next to continue or enter another destination folder.

Page 74: Probe2 Reference

If the Probe2 icon (magnifying glass) is not shown on the taskbar (see below), click the Windows Start button, point to Programs, and then ASUS Utility, and then click Probe VX.XX. When Probe2 starts, a splash screen appears allowing you to select whether to show the screen again when you open Probe2 or not.

Page 75 Using Probe2 Monitoring Monitor Summary Shows a summary of the items being

monitored. Settings Lets you set threshold levels and polling intervals or refresh times of the PC’s temperature, fan rotation, and voltages. Temperature Monitor Shows the PC’s temperature. History Lets you record the temperature monitoring activity by date, time, and target history.

Page 76

Using Probe2 (Cont’) Information Hard Drives Shows the used and free space of the PC’s hard disk drives and the file allocation table or file system used. Information on other hard drives can be accessed by clicking on the relevant drive letter. DMI Explorer Shows information pertinent to the PC, such as CPU type, CPU speed, and internal/external fre-...

Page 78: Touchpad

TouchPad (Recommended Utility) Topics Covered: TouchPad Utility Setup Overview of the TouchPad Scrolling Properties Page Tap Zones Properties Page More Features Properties Page Button Actions Properties Page Touch Properties Page Edge Motion Properties Page Frequently Asked Questions Screens will vary depending on your operating system but the contents should be the same.

Page 79

Touchpad Utility Setup Running setup will give you the following wizard: On the “Choose Setup Language” screen, select a language and click OK to continue. On the “Information” screen, click Next after reading the message. On the “Setup Complete” screen, select “No,...”and click Finish.

Page 80: Synaptics Touchpad Features

® Synaptics TouchPad Features Your Synaptics TouchPad is much more powerful than an old-fashioned mouse. In addition to providing all the features of an ordinary mouse, your TouchPad allows you to: • Tap on the Pad Instead of Pressing the Buttons •...

Page 81: Adjust The Overall Touch Sensitivity

Adjust the Overall Touch Sensitivity You can control how much finger pressure you must apply before the TouchPad responds by adjusting the Touch Sensitivity slider. This slider is located on the Touch Properties Page in the Mouse Properties dialog. At higher (more sensitive) Touch Sensitivity settings, the TouchPad recognizes even a very slight touch. If you see undesired or erratic pointer motion, try a lower setting.

Page 82: Prevent Accidental Pointing While Typing

Prevent Accidental Pointing While Typing Unintentional pointer movement and accidental taps can be caused by accidentally brushing the surface of the TouchPad with your palm or another part of your hand. The results of this contact can be observed as a changing cursor location when typing, causing subsequent text to appear in the wrong place.

Page 83: Property Pages

Move the Pointer Long Distances Suppose you are dragging an object, scrolling at high speed (via Virtual Scrolling!), or merrily moving the pointer when you suddenly reach the edge of your TouchPad. Don’t despair, the Synaptics TouchPad Edge Motion feature comes to the rescue! Edge Motion helps with long distance pointer motion. When you reach an edge of the TouchPad, the pointer (or scroll thumb when Virtual Scrolling) continues to move in the same direction until you lift your finger from the TouchPad or move your finger away from the edge.

Page 84: Scrolling Properties Page

Scrolling Properties Page The Scrolling properties page allows you to customize the Virtual Scrolling capabilities of your TouchPad. In some applications, the scroll zones which activate Virtual Scrolling can be used for zooming too. Enabling Virtual Scrolling of the Active Window Check the appropriate boxes on this page for the type of Virtual Scrolling that you prefer: •...

Page 85: Tap Zones Properties Pages

Tap Zones Properties Pages The Tap Zones properties pages allow you to assign custom actions to taps in the Touchpad’s corner zone regions (or tap zone regions). The Synaptics TouchPad driver may also control other pointing devices attached to your system. If the Synaptics TouchPad driver is controlling more than one pointing device on your system, the Synaptics pages on the Mouse control panel will have a drop-down box listing all of the pointing...

Page 86: More Features Properties Page

More Features Properties Page The More Features properties page allows you to control the following features of you Synaptics TouchPad: Stop Pointer at Window Borders This feature constrains the pointer to stay inside the active window. When you try to move the pointer outside the window, it stops at the edge.

Page 87: Button Actions Properties Page

Button Actions Properties Page The Button Actions properties page allows you to customize the physical buttons of your TouchPad. The Rocker Switch settings are available on Notebook PC's with scroll buttons between the left and right buttons. Customizing Button Assignments You can customize the TouchPad buttons in the same way that you customize the tap zones.

Page 88: Touch Properties Page

Touch Properties Page The Touch properties page allows you to customize the tap response and sensitivity of your TouchPad. Taps Check the appropriate boxes in the Taps section of the Touch Properties Page for the tapping capabilities that you prefer: •...

Page 89: Edge Motion Properties Page

Edge Motion Properties Page The Edge Motion properties page allows you to customize the long distance pointer motion capabilities of your TouchPad. When your finger reaches the edge of your TouchPad, the Edge Motion feature allows the pointer to continue to move until you lift your finger. See Move the Pointer Long Distances for more details about the Edge Motion feature.

Page 90: Frequently Asked Questions

Frequently Asked Questions Q: When I use Virtual Scrolling, the pointer jumps over to the scroll bar, and then jumps back where it came from when I'm done. Is this normal? A: Yes. Q: Why doesn't the Virtual Scrolling feature work in some windows, even though they have a scroll bar? A: In order to scroll, Virtual Scrolling must be able to "see"...

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Frequently Asked Questions (Cont') Q: Why doesn't Virtual Scrolling work properly with Microsoft Internet Explorer? A: Make sure you are using Internet Explorer version 4.01 or later, and that the Use Smooth Scrolling option on the Advanced page of the Internet Explorer Properties dialog is NOT checked. Q: When I press and hold the shift key or the control key (CTRL), the pointer movement is either very slow or restricted to move only horizontally or only vertically.

Page 92: Winflash

WinFlash (Recommended Utility) Topics Covered: WinFlash Utility Setup Using WinFlash Screens will vary depending on your operating system but the contents should be the same.

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WINFLASH Utility Setup Running setup will give you the following wizard: On the "Welcome" screen, click Next after reading the message. On the "Select Program Folder" screen, click Next to continue or enter a different folder name. On the "Choose Destination Location" screen, click Next to continue or you may first change the destination folder.

Page 94: Using Winflash

Using WINFLASH WINFLASH is a simple utility to update your Notebook PC's BIOS. To run WINFLASH, access the All Programs shortcut through the Start button. Do not update your BIOS for no reason. You will be warned that you should only update your BIOS if you know it will solve a specific problem.

Page 96: Bios Setup

Updating your BIOS ... 96 BIOS Setup Program ... 96 BIOS Menu Bar ... 97 Menu and Sub-Menu Topology ... 97 BIOS Utility Help ... 98 Main ... 100 System Overview ... 100 Processor ... 100 System Memory ... 100 Advanced ...

Page 97: Updating Your Bios

BIOS Setup Program This Notebook PC supports a programmable EEPROM that stores the BIOS software and can be up- dated using the provided flash memory writer utility. This Section will guide you through the BIOS setup program by providing clear explanations for all the options. A

default configuration has already been set.

Page 98: Bios Menu Bar

BIOS Menu Bar The top of the screen has a menu bar with the following selections. Highlighting a menu item with the ← or → (keypad arrow keys) will automatically display that page on the screen. NOTE: Press [F2] to switch BIOS setup utility display color. MAIN Use this page to view basic system configura- tions such as BIOS version, CPU type, memory...

Page 99: Bios Utility Help

BIOS Utility Help On the right of each page will display help information to guide you through using the BIOS setup utility. The keys in the legend bar allow you to navigate through the various setup menus. The follow- ing table lists the keys found in the legend bar and those that are not with their corresponding alternates and functions.

Page 100: General Help

General Help In addition to the Item Specific Help window, the BIOS setup program also provides a General Help screen. This screen can be called up from any menu by simply pressing [F1] or the [Alt] + [H] combi- nation. The General Help screen lists the legend keys with their corresponding alternates and functions. Scroll Bar When a scroll bar appears to the right of a help window, it indicates that there is more information to be displayed that will not fit in the window.

Page 101: Main

Main When the Setup program is accessed, the main menu screen appears as shown: System Overview AMIBIOS Version : [XXXX] (display field) This displays the current BIOS version in the Notebook PC’s flash EEPROM. Processor Type : [Mobile Genuine Intel (R) processor] (display field) This displays the current CPU model.

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System Time [00:00:00] (display field) Sets your system to the time that you specify (usually the current time). The format is hour, minute, second. Use the [Tab] or [Shift Tab] keys to move between the fields. System Date [Tue 00/00/0000] (display field) Sets your system to the date that you specify (usually the current date).

Page 103: Advanced

Advanced Selecting this item from the previous menu displays the page as shown below. Advanced Settings >IDE Configuration (see next page) Enter this sub-menu to configure IDE devices. > SuperIO Configuration (described later) Enter this sub-menu to configure input/output devices. Internal Pointing Device [Enabled] This allows you to turn ON or OFF the Notebook PC’s built-in touchpad.

Page 104: Advanced (Sub-Menu)

Advanced (sub-menu) Selecting this item from the previous menu displays the page as shown below. IDE Configuration Onboard PCI IDE Controller [Primary] Set to “Disabled” to disable the integrated IDE controller. Set to “Primary” to enable only the primary IDE controller. Set to “Secondary” to enable only the secondary IDE controller. Set to “Both” to enable both the primary and secondary controllers.

Page 105: Primary/Secondary Ide Master/Slave

Advanced (sub-menu) Primary/Secondary IDE Master/Slave NOTE: The drives displayed here are examples only. The actual display will be depen- dent on the drives you have installed in your Notebook PC. Primary IDE Master [Hard Disk] Secondary IDE Master [Not Detected] NOTE: Before attempting to configure a hard disk drive, make sure you have the con- figuration information supplied by the manufacturer of the drive.

Page 106: Ide Setting Details

IDE setting details Type [Auto] Select Auto to automatically detect an IDE type drive. This option only works with standard built-in IDE drives. If automatic detection is successful, the correct values will be filled in for the remaining fields on this sub-menu. The configuration options are: [Not Installed] [Auto] [CDROM] [ARMD] LBA/Large Type [Auto] When Logical Block Addressing is enabled, 28-bit addressing of the hard drive is used without regard for cylinders, heads, or sectors.

Page 107: Configure Super Io Chipset

Advanced (sub-menu) Selecting this item from the previous menu displays the page as shown below. Configure Super IO Chipset IR Port [Enabled] This field allows you to enable or disable the Notebook PC's infrared port. The configuration options are: [Enabled] [Disabled] Parallel Port [Enabled] This field allows you to enable or disable the Notebook PC's parallel port.

Page 108: Configure Advanced Settings For Display

Display Selecting this item from the previous menu displays the page as shown below. Configure advanced settings for display Boot Type: [CRT+LFP] This allows you to set the output signal when booting in order to show or hide bootup information on an external monitor if used.

Page 109: Security Settings

Security Selecting this item from the previous menu displays the page as shown below. Security Settings The BIOS Setup program allows you to specify passwords in the Security menu. The passwords control access to the BIOS and certain Security menu options during system startup. The passwords are not case sensitive.

Page 110: Security Settings

Security (Cont') Security Settings Supervisor Password: Not Installed/Installed Display fields show you the status of the security settings. User Password: Not Installed/Installed Display fields show you the status of the security settings. Change Supervisor Password The system password protects the BIOS settings. When "Enabled", you will be prompted for a pass- word after you press [F2] to enter BIOS setup.

Page 111: Hard Disk Security

Security (Cont') Hard Disk Security Primary Master HDD User Password A hard disk password places a protection on the hard disk drive so that a password is necessary in order to access the hard disk drive. When "Enabled", the hard disk drive will be protected as follows: •...

Page 112: Power

Power Selecting this item from the previous menu displays the page as shown below. LCD Power Saving [Enabled] This allows you to set the performance versus battery optimization method when AC power is applied or removed. Enabled will dim the LCD display when using battery power. The configuration options are: [Disabled] [Enabled] CPU Power Saving [Enabled] This allows you to set the performance versus battery optimization method when AC power is applied...

Page 113: Boot

Boot Selecting this item from the previous menu displays the page as shown below. Boot Settings > Boot Settings Configuration > Boot Device Priority > Hard Disk Drives > Removable Drives > ATAPI CDROM Drives Onboard LAN Boot ROM [Disabled] This item allows you to enable or disable the built-in network device's boot ROM.

Page 114: Boot Settings Configuration

Boot (sub-menu) Boot Settings Configuration Selecting this item from the previous menu displays the page as shown below. Boot Settings Configuration Quick Boot [Enabled] When enabled, BIOS will skip certain tests while booting. This will decrease the time needed to bootup the system.

Page 115: Boot Device Priority

1st / 2nd / 3rd Boot Device [_____] Specifies the boot sequence from the available devices. A device enclosed in parenthesis has been disabled in the corresponding type menu. The configuration examples are: [Removable Dev.] [ASUS Ai-Flash] [MITSUMI USB FDD] [TOSHIBA DVD-ROM] [PM-IC25N040ATMR04-] [ATAPI...

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Boot (sub-menu) Hard Disk / Removable / CDROM Drives Selecting this item from the previous menu displays the page as shown below. These pages allow you to select the drive to represent each of the boot devices. Hard Disk Drives [xxxxxxxxxx] ATAPI CDROM Drives [xxxxxxxxxx] Removable Drives [xxxxxxxxxx]...

Page 117: Exit

Exit Once you have made all of your selections from the various menus in the Setup program, you should save your changes and exit Setup. Select Exit from the menu bar to display the following menu: Save Changes and Exit Once you are finished making your selections, choose this option from the Exit menu to ensure the values you selected are saved to the CMOS RAM.

Page 118: Load Failsafe Defaults

Load Failsafe Defaults This option allows you to load the “Safest” values for each of the parameters on the Setup menus. This option is for troubleshooting purposes only and will decrease performance as well as disable some of the Notebook PC’s functions. When this option is selected, a confirmation is requested. Select Yes to load default values programmed into the BIOS file (the default values may change from one BIOS version to another).

Page 120: Technical Support

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