Asus PC133 User Manual

Jumperfree pc133/vc133 200mhz fsb agp pro/4x socket a motherboard

1
2
3
Table Of Contents
4
5
6
7
8
9
10
11
12
13
14
15
16
17

-

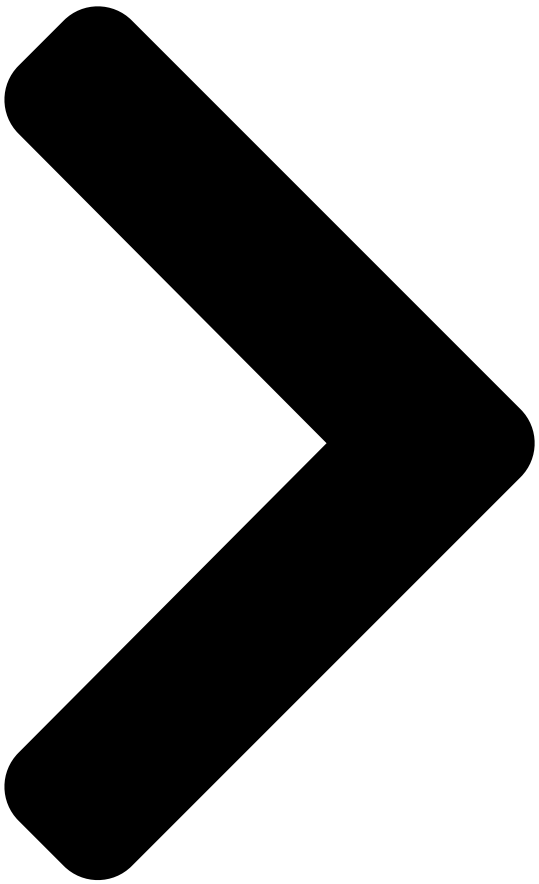
Table of Contents

Bookmarks

Quick Links

1 Motherboard Components

Download this manual



®

A7V

JumperFree™ PC133/VC133
200MHz FSB AGP Pro/4X
Socket A Motherboard

USER'S MANUAL

Table of Contents

Next Page

1
2
3
4
5

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Pci bus mainboard with on board pci scsi controller (19 pages)

Motherboard Asus PCI/I-486SP3G User Manual

Pci bus mainboard (48 pages)

Summary of Contents for Asus PC133

Page 1 ® JumperFree™ PC133/VC133 200MHz FSB AGP Pro/4X Socket A Motherboard USER'S MANUAL...

Page 2 Product warranty or service will not be extended if: (1) the product is repaired, modified or al- tered, unless such repair, modification of alteration is authorized in writing by ASUS; or (2) the serial number of the product is defaced or missing.

Page 3: Asus Contact Information

Notebook (Tel): +886-2-2890-7122 (English) Desktop/Server (Tel):+886-2-2890-7123 (English) Fax: +886-2-2895-9254 Email: tsd@asus.com.tw WWW: www.asus.com.tw FTP: ftp.asus.com.tw/pub/ASUS ASUS COMPUTER INTERNATIONAL (America) Marketing Address: 6737 Mowry Avenue, Mowry Business Center, Building 2 Newark, CA 94560, USA Fax: +1-510-608-4555 Email: tmd1@asus.com Technical Support Fax:...

Page 4: Table Of Contents

1. INTRODUCTION 1.1 How This Manual Is Organized ..... 7 1.2 Item Checklist .....7 2. FEATURES 2.1 The ASUS A7V .....8 2.1.1 Specifications .....8 2.1.2 Special Features .....10 2.1.3 Performance Features .....10 2.1.4 Intelligence ..... 11 2.2 Motherboard Components .....

Page 5

5.3 A7V Series Motherboard Support CD .....84 5.4 VIA 4 in 1 drivers ..... 85 5.5 Win95-98 Promise Ultra 100 IDE Controller .....86 5.6 ASUS PC Probe Vx.xx ..... 87 5.7 ASUS Update Vx.xx .....88 5.8 PC-Cillin 98 Vx.xx .....89 5.9 ADOBE Acrobat Reader Vx.xx .....

Page 6: Federal Communications Commission Statement

Radio Interference Regulations of the Canadian Department of Communications. This Class B digital apparatus complies with Canadian ICES-003. Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada. ASUS A7V User's Manual...

Page 7: Introduction

ASUS MR-I Modem Riser Card UltraDMA/33 IDE drives (1) Ribbon cable for one 5.25" and two 3.5" floppy disk drives (1) ASUS 3-port USB Connector Set (1) ASUS P2T (Thermal Sensor) Cable NOTE: Not included on motherboards with PCB Rev.

Page 8: Features

2. FEATURES 2.1 The ASUS A7V The ASUS A7V motherboard is carefully designed for the demanding PC user who wants advanced features processed by the fastest processors. 2.1.1 Specifications • AMD Athlon™/Duron™ Processor Support: Supports Socket A-based AMD Athlon™/Duron™ processors.

Page 9

• PC Health Monitoring: Provides an easy way to examine and manage system status information, such as CPU and system voltages, temperatures, and fan status through the onboard hardware ASUS ASIC and the bundled ASUS PC Probe. • SMBus: Features the System Management Bus interface, which is used to physi- cally transport commands and information between SMBus devices.

Page 10: Special Features

32-bit device drivers and installation procedures for Windows95/98/NT . Color-coded connectors and descriptive icons make identification easy as required by PC 99. • Symbios SCSI BIOS: Supports optional ASUS SCSI controller cards through the onboard SYMBIOS firmware. 2.1.3 Performance Features •...

Page 11: Intelligence

• Chassis Intrusion Detection: Supports chassis-intrusion monitoring through the ASUS ASIC. A chassis intrusion event is kept in memory on battery power for more protection. ASUS A7V User's Manual...

Page 12: Motherboard Components

1 Microphone Connector (on audio model only) ... (Bottom) 23 Network Features Wake-On-LAN Connector .....17 Wake-On-Ring Connector .....13 Hardware Monitoring System Voltage Monitoring (integrated in ASUS ASIC) ..15 3 Fan Power and Speed Monitoring Connectors Power ATX Power Supply Connector .....5 Special Feature Onboard LED .....

Page 13: Component Locations

2. FEATURES 2.2.1 Component Locations 11 10 ASUS A7V User's Manual...

Page 14: Hardware Setup

PCI Slot 5 IDELED USB3 USBPORT PANEL USB3A Audio Modem Riser (AMR) Grayed components are optional at the time of purchase (is no longer neces- JTCPU sary on motherboards with PCB versions 1.02 and later) ASUS A7V User's Manual...

Page 15: Layout Contents

14) PWR_, CPU_,CHA_FAN p. 39 Chassis, Power Supply, CPU, F_ Fan Connectors (3 pins) F_FAN 15) CD_IN, AUX, VIDEO p. 40 Internal Audio Connectors (4 4-pin) MODEM 16) MIC2 p. 40 Internal Microphone Header (3 pins) 17) HPHONE p. 40 Headphone True-Level Out Header (3 pins) continued... ASUS A7V User's Manual...

Page 16 44 System Message LED (2 pins) 26) SMI (PANEL) p. 44 System Management Interrupt Lead (2 pins) 27) PWR.SW (PANEL) p. 44 ATX / Soft-Off Switch Lead (2 pins) 28) RESET (PANEL) p. 44 Reset Switch Lead (2 pins) ASUS A7V User's Manual...

Page 17: Hardware Setup Procedure

Failure to do so may cause severe damage to your motherboard, peripherals, and/or components. The onboard LED when lit acts as a reminder that the system is in suspend or soft-off mode and not powered OFF. Standby Powered Power A7V Onboard LED ASUS A7V User's Manual...

Page 18 Setting Jumper Mode All ON (See Volt. Reg. Out.) [1-2] JumperFree™ Mode (Default) All OFF All [3-4] [2-3] Jumper Mode JumperFree Mode (Default) VID4 See Voltage Reg. VID3 Out. (VID) VID2 VID1 A7PRO A7V Jumper Mode Settings ASUS A7V User's Manual...

Page 19 NOTE: This setting is available only on motherboards with the onboard audio option. Setting AUDIOCODEC Enable [1-2] [1-2] [1-2] [1-2] (default) Disable [2-3] [2-3] [2-3] [2-3] Enable Disable Onboard Onboard Audio Codec Audio Codec (Default) ADN# ADN# AUD_EN2 AUD_EN2 AUD_EN1 AUD_EN1 A7V Audio Codec Setting ASUS A7V User's Manual...

Page 20 This jumper allows you to select the voltage supplied to PCI devices. If you have PCI devices that require auxiliary power, set this jumper to 3 VSB. Setting 3VSBSLT 3 Volt [1-2] 3 VSB [2-3] (default) 3VSBSLT Add 3 Volt Add 3 VSB (Default) A7V PCI 3Volt Selection ASUS A7V User's Manual...

Page 21 A7V VIO Setting WARNING! Using a higher voltage may help when overclocking but may re- sult in the shortening of your computer component's life. It is strongly recom- mended that you leave this setting on its default. ASUS A7V User's Manual...

Page 22 37.67 MHz 39.33 MHz 39.00 MHz 33.33 MHz NOTE: The motherboard supports PC100 / PC133 DIMMs or VC SDRAMs for system memory. Registered DIMMs are not supported [see 3.5 System Memory (DIMM)]. WARNING! Frequencies other than the recommended CPU bus frequencies are not guaranteed to be stable.

Page 23 100MHz [ON] [ON] [ON] [ON] [ON][ON][OFF][ON][ON][OFF] Duron 700MHz 7.0x 100MHz [ON] [ON] [ON] [ON] [ON][ON][OFF][ON][ON][ON] Duron 650MHz 6.5x 100MHz [ON] [ON] [ON] [ON] [ON][ON][ON][OFF][OFF][OFF] For updated processor settings, visit the ASUS web site (see ASUS CONTACT INFORMATION). ASUS A7V User's Manual...

Page 24 VID3 VID2 VID2 VID2 VID2 VID1 VID1 VID1 VID1 1.375/1.4Volts 1.325/1.35Volts 1.275/1.30Volts 1.225/1.25Volts VID4 VID4 VID4 VID4 VID3 VID3 VID3 VID3 VID2 VID2 VID2 VID2 VID1 VID1 VID1 VID1 1.175/1.20Volts 1.125/1.15Volts 1.075/1.10Volts CPU Default/ JumperFree (Default) ASUS A7V User's Manual...

Page 25: System Memory (Dimm)

Memory speed setup is recommended through 4.4.1 Chip Configuration. IMPORTANT (see General DIMM Notes below for more) • SDRAMs used must be compatible with the current Intel PC133 SDRAM specification. • DO NOT attempt to mix PC133 SDRAMs with VCM SDRAMs.

Page 26: Memory Installation

DIMM slot on the motherboard. You must tell your retailer the correct DIMM type before

purchasing. This motherboard supports four clock signals per DIMM. ASUS A7V User's Manual...

Page 27: Central Processing Unit (Cpu)

Socket A processors require a socket mounted thermal resistor. This motherboard comes bundled with an ASUS P2T thermal sensor cable (see next page for installation procedures).

Page 28: Asus P2T-Cable

3. HARDWARE SETUP 3.6.1 ASUS P2T-Cable The ASUS P2T-Cable must be used to allow thermal monitoring of the proces- sor (only for motherboards with PCB Sensor Rev. 1.01.P and earlier). NOTE: The ASUS P2T-Cable can only Sensor Connector Plug be used in a motherboard with a 2-pin thermal sensor connector such as this motherboard (the cable is not included on motherboards with PCB Rev.

Page 29: Expansion Cards

4. Secure the card on the slot with the screw you removed above. 5. Replace the computer system's cover. 6. Set up the BIOS if necessary (see 4.4.3 PCI Configuration) 7. Install the necessary software drivers for your expansion card. ASUS A7V User's Manual...

Page 30: Assigning Irqs For Expansion Cards

PCI slot 5 — — — shared AGP Pro slot shared — — — Onboard USB controller — — — shared Onboard audio/AMR — — shared — Promise ATA100 — shared — — SMBus — — — — ASUS A7V User's Manual...

Page 31: Accelerated Graphics Port Pro (Agp Pro)

3.7.3 Accelerated Graphics Port Pro (AGP Pro) This motherboard provides an Accelerated Graphics Port Pro (AGP Pro) slot to sup- port AGP/AGP Pro graphics cards, such as an ASUS AGP-V6800DDR/64M. CAUTION! To avoid damaging your AGP/AGP Pro graphics card, your computer's power supply should be unplugged before inserting your graphics card into the slot.

Page 32: Audio Modem Riser (Amr) Slot

For availability, see your vendor or dealer. ASUS MR-1 Unlike that of standard cards, the component side of the specially-designed AMR card faces the motherboard's expansion slots when the card is installed A7V Audio Modem Riser (AMR) Slot ASUS A7V User's Manual...

Page 33: External Connectors

This connection is for a standard keyboard using an PS/2 plug (mini DIN). This connector will not allow standard AT size (large DIN) keyboard plugs. You may use a DIN to mini DIN adapter on standard AT keyboards. PS/2 Keyboard (6-pin Female) ASUS A7V User's Manual...

Page 34 5) Parallel Port Connector (Burgundy 25-pin PRINTER) You can enable the parallel port and choose the IRQ through Onboard Parallel Port (see 4.4.2 I/O Device Configuration). NOTE: Serial printers must be connected to the serial port. Parallel Port (25-pin Female) ASUS A7V User's Manual...

Page 35 (Pin 5 is removed to prevent inserting in the wrong orienta- tion when using ribbon cables with pin 5 plugged). FLOPPY NOTE: Orient the red markings on the floppy ribbon cable to PIN 1. PIN 1 A7V Floppy Disk Drive Connector ASUS A7V User's Manual...

Page 36 IMPORTANT: UltraDMA/66 and UltraDMA/100 IDE devices require a 40-pin 80-conductor cable to be enabled. NOTE: Orient the red markings (usually zigzag) on the IDE ribbon cable to PIN 1. A7V IDE Connectors PIN 1 PIN 1 ASUS A7V User's Manual...

Page 37 Chassis Signal lead, which occurs when a panel switch or light detec- tor is triggered. This function requires the optional ASUS CIDB chassis intru- sion module to be installed (see 7. APPENDIX). If the chassis intrusion lead is not used, a jumper cap must be placed over the pins to close the circuit.

Page 38 12) Wake-On-LAN Connector (3-pin WOL_CON) This connector connects to a LAN card with a Wake-On-LAN output, such as the ASUS PCI-L101 Ethernet card (see 7. Appendix). The connector powers up the system when a wakeup packet or signal is received through the

LAN card.

Page 39 NOTE: The “Rotation” signal is to be used only by a specially designed fan with rotation signal. The Rotations per Minute (RPM) can be monitored using ASUS PC Probe (see 6. SOFTWARE REFERENCE). The Rotation signal is not supported by F-FAN.

Page 40 17) Headphone True-Level Out Header (3-pin HPHONE) This connector allows you to connect a chassis mounted headphone to the mother- board instead of having to attach an external headphone onto the ATX connectors. HPHONE A7V True-Level Line Out Header ASUS A7V User’s Manual...

Page 41 SMBus devices. SMBus is a specific implementation of an I bus, which is a multi-device bus; that is, multiple chips can be connected to the same bus and each one can act as a master by initiating data transfer. A7V SMBus Connector ASUS A7V User’s Manual...

Page 42 A7V ATX Power Connector 21) Power Supply Thermal Sensor Connector (2-pin block JTPWR) If you have a power supply with thermal monitoring, connect its thermal sensor cable to this connector. JTPWR A7V Power Supply Thermal Sensor Connector ASUS A7V User’s Manual...

Page 43 “REV.” PCI4 PCI5 The following PANEL illustration is used for items 23–28 (next page). Speaker Connector Power LED Reset SW Message LED ATX Power SMI Lead Switch* Requires an ATX power supply. A7V System Panel Connectors ASUS A7V User’s Manual...

Page 44 This may require one or two presses depending on the position of the switch. Wake-up can be controlled by settings in the BIOS but the keyboard will always allow wake-up (the SMI lead cannot wake up the system). ASUS A7V User’s Manual...

Page 45: Starting Up The First Time

No DRAM installed or detected One long beep followed by Video card not found or video card three short beeps memory bad High frequency beeps when CPU overheated system is working System running at a lower frequency ASUS A7V User’s Manual...

Page 46 Shut Down, and then click Shut down the computer? The power supply should turn off after Windows shuts down. NOTE: The message “You can now safely turn off your computer” will not appear when shutting down with ATX power supplies. ASUS A7V User’s Manual...

Page 47: Bios Setup

4. In DOS mode, type A:\AFLASH <Enter> to run AFLASH. IMPORTANT! If “unknown” is displayed after Flash Memory:, the memory chip is either not programmable or is not supported by the ACPI BIOS and there- fore, cannot be programmed by the Flash Memory Writer utility. ASUS A7V User’s Manual...

Page 48: Updating Bios Procedures

BIOS revision will solve your problems. Care- less updating can result in your motherboard having more problems! 1. Download an updated ASUS BIOS file from the Internet (WWW or FTP) (see ASUS CONTACT INFORMATION on page 3 for details) and save to the disk you created earlier.

Page 49 If the Flash Memory Writer utility was not able to successfully update a complete BIOS file, your system may not be able to boot up. If this happens, your system will need servicing. ASUS A7V User’s Manual...

Page 50 4. BIOS SETUP (This page was intentionally left blank.) ASUS A7V User’s Manual...

Page 51: Bios Setup Program

POST. NOTE: Because the BIOS software is constantly being updated, the following BIOS screens and descriptions are for reference purposes only and may not re- flect your BIOS screens exactly. ASUS A7V User’s Manual...

Page 52: Bios Menu Bar

Brings up a selection menu for the highlighted field <Home> or <PgUp> Moves the cursor to

the first field <End> or <PgDn> Moves the cursor to the last field <F5> Resets the current screen to its Setup Defaults <F10> Saves changes and exits Setup ASUS A7V User's Manual...

Page 53: General Help

Item Specific Help window located to the right of each menu. This window displays the help text for the currently highlighted field. NOTE: The item heading in square brackets represents the default setting for that field. ASUS A7V User's Manual...

Page 54: Main Menu

This is required to support older Japanese floppy drives. Floppy 3 Mode support will allow reading and writing of 1.2MB (as opposed to 1.44MB) on a 3.5-inch diskette. Configuration options: [Disabled] [Drive A] [Drive B] [Both] ASUS A7V User's Manual...

Page 55: Primary & Secondary Master/Slave

Primary IDE hard disk drives must have its partition set to active (also possible with FDISK). Other options for the Type field are: [None] - to disable IDE devices ASUS A7V User's Manual...

Page 56 NOTE: To make changes to this field, the Type field must be set to [User Type HDD] and the Translation Method field must be set to [Manual]. ASUS A7V User's Manual...

Page 57 IDE devices. Set to [Disabled] to suppress Ultra DMA capa- bility. NOTE: To make changes to this field, the Type field must be set to [User Type HDD]. Configuration options: [0] [1] [2] [3] [4] [Disabled] ASUS A7V User's Manual...

Page 58: Keyboard Features

[6/Sec] [8/Sec] [10/Sec] [12/Sec] [15/Sec] [20/Sec] [24/Sec] [30/Sec] Keyboard Auto-Repeat Delay [1/4 Sec] This field sets the time interval for displaying the first and second charac- ters. Configuration options: [1/4 Sec] [1/2 Sec] [3/4 Sec] [1 Sec] ASUS A7V User's Manual...

Page 59 Configuration options: [All Errors] [No Error] [All but Keyboard] [All but Disk] [All but Disk/Keyboard] Installed Memory [XXX MB] This display-only field displays the amount of conventional memory detected by the system during bootup. You do not need to make changes to this field. ASUS A7V User's Manual...

Page 60: Advanced Menu

CPU Frequency multiplied by 4/3. To maintain and ensure system stability, DRAM Fre- quency is set to [100 MHz] when the BIOS setup default settings are loaded/ selected. ASUS A7V User's Manual...

Page 61 [Disabled] [Enabled] [Auto] OS/2 Onboard Memory > 64M [Disabled] When using OS/2 operating systems with installed DRAM of greater than 64MB, you need to set this option to [Enabled]; otherwise, leave this on [Disabled]. Configuration options: [Disabled] [Enabled] ASUS A7V User's Manual...

Page 62 OFF your system and restart. The system will start up in safe mode running at a DRAM-to-CPU frequency ratio of 3:3 and a bus speed of 100MHz. You will then be led to BIOS setup to adjust the configurations. ASUS A7V User's Manual...

Page 63: Chip Configuration

(When AGP 4X Drive Strength set to [Manual]) Configuration options: [0] [1] [2]...[F] AGP Drive Strenght N Ctrl [E] (When AGP 4X Drive Strength set to [Manual]) Configuration options: [0] [1] [2]...[F] AGP Fast Write [Disabled] Configuration options: [Disabled] [Enabled] ASUS A7V User's Manual...

Page 64 (bytes or words) into a single 32-bit block of data. However, byte merging may only be done when the bytes within a data phase are in a prefetchable address range. Configuration options: [Disabled] [Enabled] DRAM Read Latch Delay [Auto] Configuration options: [-0.01 ns] [0.75 ns]...[Auto] ASUS A7V User's Manual...

Page 65 It can greatly improve the dis- play speed by caching the display data. You must set this to UC (uncacheable) if your display card cannot support this feature; otherwise your system

may not boot. Configuration options: [UC] [USWC] ASUS A7V User’s Manual...

Page 66: I/O Device Configuration

COM2 connec- tor, it will no longer work if you enable the infrared feature. See Standard and Con- sumer Infrared Module Connector in 3.8 External Connectors. Configuration op- tions: [Disabled] [Enabled] ASUS A7V User’s Manual...

Page 67 If you have conflicts with the onboard modem/audio controller, you may set the appro- priate field to [Disabled]. Configuration options: [Disabled] [Auto] ASUS A7V User’s Manual...

Page 68 Enable this field if you want to use the MIDI device onboard. MPU 401 I/O Base Address [300h-303h] This sets the I/O address for the onboard MIDI device. FM Enable (388h-38Bh) [Disabled] This field enables or disables the FM modulation feature. ASUS A7V User’s Manual...

Page 69: Pci Configuration

[Disabled] will disable the motherboard’s Symbios SCSI BIOS so that the BIOS on an add-on Symbios SCSI card can be used. If your Symbios SCSI card does not have a BIOS, the Symbios SCSI card will not function. Con- figuration options: [Auto] [Disabled] ASUS A7V User’s Manual...

Page 70 (non-PnP) ISA device. The default value indicates either that the displayed IRQ is not used or that ISA Configuration Utility (ICU) is being used to determine if an ISA device is using that IRQ. Configuration options: [No/ICU] [Yes] ASUS A7V User’s Manual...

Page 71 (non-PnP) ISA device. The default setting indicates either that the displayed DMA channel is not used or an ICU is being used to determine if an ISA device is using that channel. Con- figuration options: [No/ICU] [Yes] ASUS A7V User’s Manual...

Page 72 8K, 16K, 32K, or 64K. If you are using an ICU to accomplish this task, leave Reserved MEM Block BASE to its default setting of [No/ICU]. Configu- ration options: [No/ICU] [C800] [CC00] [D000] [D400] [D800] [DC00] ASUS A7V User’s Manual...

Page 73: Shadow Configuration

ROMs on them, you will need to know which addresses the ROMs use to shadow them specifically. Shadowing a ROM reduces the memory available between 640K and 1024K by the amount used for this purpose. Configuration options: [Disabled] [Enabled] ASUS A7V User’s Manual...

Page 74: Power Menu

Windows 3.x and Windows 95, you need to install Windows with the APM feature. For Windows 98 and later, APM is automatically installed. A battery and power cord icon labeled “Power Management” will appear in the “Control Panel.” Choose “Advanced” in the Power Management Properties dialog box. ASUS A7V User’s Manual...

Page 75 4 seconds will place the system in sleep mode. Regardless of the setting, holding the ATX switch for more than 4 seconds will power off the system. Configuration options: [Soft off] [Suspend] ASUS A7V User’s Manual...

Page 76: Power Up Control

Con- figuration options: [Disabled] [Enabled] IMPORTANT: This feature requires an optional network interface card with Wake- On-LAN and an ATX power supply with at least 720mA +5V standby power. ASUS A7V User’s Manual...

Page 77 [By Date]. NOTE: Automatic Power Up will not work if the system is powered down by operating sys- tems, such as Windows 98, that have ACPI support enabled. Configuration options: [Disabled] [Everyday] [By Date] ASUS A7V User’s Manual...

Page 78: Hardware Monitor

NOTE: If any of the monitored items is out of range, an error message will appear: “Hardware Monitor found an error. Enter Power setup menu for details”. You will then be prompted to

“Press F1 to continue, DEL to enter SETUP”. ASUS A7V User’s Manual...

Page 79: Boot Menu

Make sure the ATAPI CD-ROM drive that you want to use in the boot sequence is connected to either the PRIMARY or SECONDARY IDE con- nectors, not to the ATA100 connectors. Currently, the Promise® Ultra DMA/100 chip does not support this feature. ASUS A7V User’s Manual...

Page 80

Configuration options: [Disabled] [Enabled] Boot Up Floppy Seek [Disabled] When enabled, the BIOS will seek the floppy disk drive to determine whether the drive has 40 or 80 tracks. Configuration options: [Disabled] [Enabled] ASUS A7V User’s Manual...

Page 81: Exit Menu

This option should only be used if you do not want to save the changes you have made to the Setup program. If you have made changes to fields other than system date, system time, and password, the system will ask for con- firmation before exiting. ASUS A7V User’s Manual...

Page 82: Load Setup Defaults

This option saves your selections without exiting the Setup program. You can then return to other menus and make changes. After selecting this op- tion, all selections are saved and a confirmation is requested. Select [Yes] to save any changes to the non-volatile RAM. ASUS A7V User’s Manual...

Page 83: Software Setup

NOTE: Because there are various motherboard settings, options, and expansion cards, the following can only be used as a general reference and may not reflect exactly the screen contents displayed on your screen. ASUS A7V User’s Manual...

Page 84: A7V Series Motherboard Support Cd

Win95-98 Promise Ultra 100 IDE Controller: Shows instructions on how to install the Promise Ultra 100 IDE Controller Driver for Windows 9x. • Install ASUS PC Probe Vx.xx: Installs a smart utility to monitor your computer’s fan, temperature, and voltages. •...

Page 85: Via 4 In 1 Drivers

README and agreement. (4) Select preferred options and then click here. (5) Click here. (7) Click here. (6) Click here. (9) Click here and then follow onscreen instructions to (8) Click here. complete installation. ASUS A7V User’s Manual...

Page 86: Win95-98 Promise Ultra 100 Ide Controller

Insert the Support CD that came with your motherboard into your CD-ROM drive or double-click the CD drive icon in My Computer to bring up the setup screen. (1) Click here to open Setup Instructions (see below). ASUS A7V User’s Manual...

Page 87: Asus Pc Probe Vx.xx

Insert the Support CD that came with your motherboard into your CD-ROM drive or double-click the CD drive icon in My Computer to bring up the setup screen. NOTE: ASUS PC Probe will not run if another hardware monitoring utility is in- stalled. To uninstall any program, see 5.11 Uninstalling Programs.

Page 88: Asus Update Vx.xx

5. SOFTWARE SETUP 5.7 ASUS Update Vx.xx Insert the Support CD that came with your motherboard into your CD-ROM drive or double-click the CD drive icon in My Computer to bring up the setup screen. (1) Click here. (2) Click here.

Page 89: Pc-Cillin 98 Vx.xx

(6) & (7) Select the preferred features by clicking the appropriate buttons. (5) Click here. (8) Insert a floppy disk and then click here. Once the Emergency Clean disk is created, click OK. (9) Click here and then click Finish to restart. ASUS A7V User’s Manual...

Page 90: Adobe Acrobat Reader Vx.xx

CD drive icon in My Computer to bring up the setup screen. (2) Click here. (1) Click here. (3) Click here only after you have read the License Agreement. (4) Click here. (5) Click here and then click Finish to restart. ASUS A7V User's Manual...

Page 91: Cyberlink Video And Audio Applications

4x speed or above CD-ROM drive • Sound card with a Windows wave audio driver • 256 (or above) color VGA card is required. A VGA card with • DirectDraw support • 8MB system memory 5.10.2 Cyberlink Contact Information ASUS A7V User's Manual...

Page 92: Installation Procedures

(3) Click here. onscreen instructions to complete installation. (6) Click here and follow the (5) Click here to install onscreen instructions to PowerDVD. complete installation. (7) Click here and follow the onscreen instructions to complete installation. ASUS A7V User's Manual...

Page 93: Uninstalling Programs

Add/Remove Programs is a basic component within Windows. You may use this function if a program does not provide its own uninstallation program. (1) Double-click here to open the Add/Remove Programs Properties dialog box. (2) Select the program to remove and click here. (3) Click here. ASUS A7V User's Manual...

Page 94

5. SOFTWARE SETUP (This page was intentionally left blank.) ASUS A7V User's Manual...

Page 95: Software Reference

ASUS Utility, and then click Probe Vx.xx. The PC Probe icon will appear on the taskbar's system tray indicating that ASUS PC Probe is running. Clicking the icon will allow you to see the status of your PC. ASUS A7V User's Manual...

Page 96: Using Asus Pc Probe

6. SOFTWARE REFERENCE 6.1.2 Using ASUS PC Probe Monitoring Monitor Summary Shows a summary of the items being monitored. Temperature Monitor Shows the PC's temperature (for supported processors only). Temperature Warning threshold adjustment (Move the slider up to increase the...

Page 97

CPU temperature and predefined thresh- old. Information Hard Drives Shows the used and free space of the PC's hard disk drives and the file allo- cation table or file system used. ASUS A7V User's Manual...

Page 98

CPU type, CPU speed, and in- ternal/external frequencies, and memory size. Utility Lets you run programs outside of the ASUS Probe modules. To run a program, click Execute Program. NOTE: This feature is currently unavailable. ASUS A7V User's Manual...

Page 99: Asus Pc Probe Task Bar Icon

6. SOFTWARE REFERENCE 6.1.3 ASUS PC Probe Task Bar Icon Right clicking the PC Probe icon will bring up a menu to open or exit ASUS PC Probe and pause or resume all sys- tem monitoring. When the ASUS PC Probe...

Page 100: Cyberlink Powerplayer Se

Backstep Frame Step Frame Previous Next Play Stop Configuration i-Power! Increase Volume CD Mode Mute Shuffle Decrease Volume Karaoke Next angle Next audio stream Next subtitle Add bookmark Capture frame Go-Up Repeat Menu Go to bookmark ASUS A7V User's Manual...

Page 101: Cyberlink Powerdvd

To start CyberLink PowerDVD, click the Windows Start button, point to Programs, and then CyberLink PowerDVD, and then click PowerDVD. 6.3.2 CyberLink PowerDVD User Interface Minimize Exit Main Display Control Full Screen / CD/File Control Help Eject Panel Wheel Video Window Mode (closed) Functions ASUS A7V User's Manual...

Page 102: Cyberlink Videolive Mail

VLM 3 supports all the hardware devices that are compliant with Video for Win- dows standard. Video for Windows is a well-accepted and well-tested standard. Thus, users do not have to worry about compatibility issues. ASUS A7V User's Manual...

Page 103: Starting Videolive Mail

Start Playback Save Video File Snapshot to File Stop Recording / Playback Send Mail Start Recording Video Configuration Load Video File Pause Send Mail Increase MIC volume Decrease MIC volume Increase speaker volume Decrease speaker volume ASUS A7V User's Manual...

Page 104

6. SOFTWARE REFERENCE (This page was intentionally left blank.) ASUS A7V User's Manual...

Page 105: Appendix

Motherboard type Other If you are using the ASUS PCI-L101 on an ASUS motherboard, leave the jumper on its defaut setting of "ASUS." If you are using another brand of motherboard, set the jumper to "Other." Connect the Wake on LAN (WOL) output signal to the motherboard's WOL_CON in order to utilize the wake on LAN feature of the moth-...

Page 106: Software Driver Support

A: To enable Wake-On-LAN function, your system requires Ethernet LAN adapter card that can activate Wake-On-LAN function, a client with Wake-On-LAN capa- bility, and software such as LDCM Rev. 3.10 or up that can trigger wake-up frame. ASUS A7V User's Manual...

Page 107: Modem Riser

4. Secure the MR card onto the chassis with the screw removed in step 2. 5. Connect the MR card's LINE connec- tor to a telephone wall jack. Connect the PHONE connector to a telephone (optional). 6. Replace the computer chassis. ASUS A7V User's Manual...

Page 108: Software Setup In Windows

Motorala SM56 AC-L Modem. 9. Click Diagnostic and then click the designated COM port as shown. 10. Click More Info..If the computer sys- tem successfully communicates with the modem, responses will be displayed as shown. ASUS A7V User's Manual...

Page 109: Glossary

BIOS file into the EEPROM. Bit (Binary Digit) Represents the smallest unit of data used by the computer. A bit can have one of two values: 0 or 1. ASUS A7V User's Manual...

Page 110

IDE devices integrate the drive control circuitry directly on the drive itself, elimi- nating the need for a separate adapter card (in the case for SCSI devices). UltraDMA/ 33 IDE devices can achieve up to 33MB/Sec transfer. ASUS A7V User's Manual...

Page 111

Developed by Rambus, Inc., this type of memory can deliver up to 1.6GB of data per second. RDRAM is the first interface standard that can be directly implemented on high performance VLSI components such as, CMOS DRAMs, memory control- lers, and graphics/video ICs. ASUS A7V User's Manual...

Page 112

USB 2.0 provides twice the transfer rate compared to USB 1.0 and competes with the 1394 standard. Wake-On-LAN Computer will automatically wake-up upon receiving a wake-up packet through a Network interface when it is under power soft-off, suspend or sleep mode. ASUS A7V User's Manual...

This manual is also suitable for:

Vc133A7v