Asus P5VDC-X Installation Manual

Motherboard user guide

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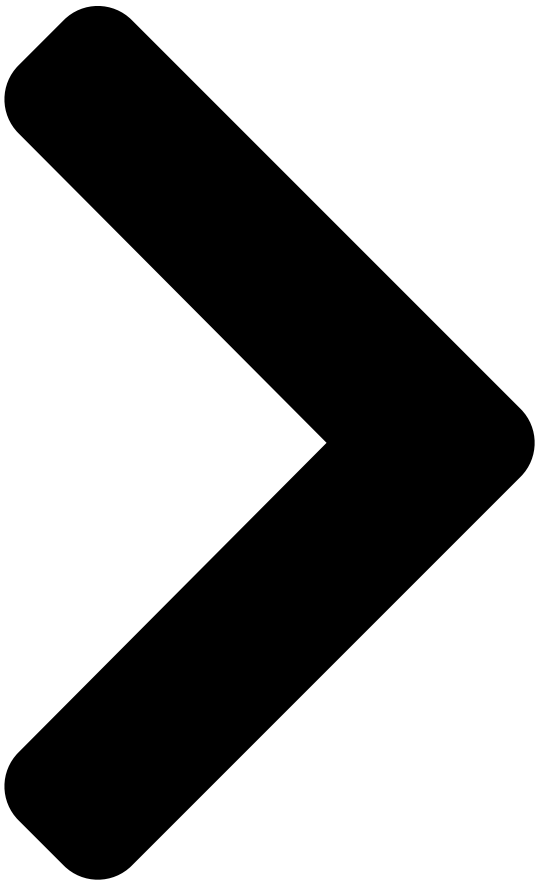
See also: User Manual



P5VDC-X

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Related Manuals for Asus P5VDC-X

Motherboard Asus P5VDC-X User Manual

Motherboard diy troubleshooting guide (92 pages)

Motherboard Asus P5V-VM DH Benutzerhandbuch

Asus wifi-ap solo user''s manual for english edition (108 pages)

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Motherboard Asus P5VDC-TVMTE Manual

(68 pages)

Summary of Contents for Asus P5VDC-X

Page 1 P5VDC-X...

Page 2 Product warranty or service will not be extended if: (1) the product is repaired, modified or altered, 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: Table Of Contents

Contents Notices .....vi Safety information .....vii About this guide .....viii P5VDC-X specifications summary .....x Chapter 1: Product introduction Welcome! .....1-2 Package contents .....1-2 Special features .....1-2 1.3.1 Product highlights ..... 1-2 1.3.2 Innovative ASUS features .....1-4 Before you proceed .....

Page 4 Creating a bootable floppy disk .....2-2 2.1.2 ASUS EZ Flash utility .....2-3 2.1.3 AFUDOS utility .....2-4 2.1.4 ASUS CrashFree BIOS 2 utility ..... 2-6 2.1.5 ASUS Update utility .....2-8 BIOS setup program .....2-11 2.2.1 BIOS menu screen .....2-12 2.2.2...

Page 5 Installing an operating system .....3-2 Support CD information .....3-2 3.2.1 Running the support CD ..... 3-2 3.2.2 Drivers menu .....3-3 3.2.3 Utilities menu .....3-4 3.2.4 Make Disk .....3-5 3.2.5 Manual menu .....3-6 3.2.6 ASUS Contact information .....3-7...

Page 6: Notices

Notices Federal Communications Commission Statement This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: • This device may not cause harmful interference, and • This device must accept any interference received including interference that may cause undesired operation.

Page 7: Safety Information

Safety information Electrical safety • To prevent electrical shock hazard, disconnect the power cable from the electrical outlet before relocating the system. • When adding or removing devices to or from the system, ensure that the power cables for the devices are unplugged before the signal cables are connected.

Page 8: About This Guide

Refer to the following sources for additional information and for product and software updates. ASUS websites The ASUS website provides updated information on ASUS hardware and software products. Refer to the ASUS contact information. Optional documentation Your product package may include optional documentation, such as warranty flyers, that may have been added by your dealer.

Page 9: Conventions Used In This Guide

Conventions used in this guide To make sure that you perform certain tasks properly, take note of the following symbols used throughout this manual. DANGER/WARNING: Information to prevent injury to yourself when trying to complete a task. CAUTION: Information to prevent damage to the components when trying to complete a task.

Page 10: P5Vdc-X Specifications Summary

P5VDC-X specifications summary LGA775 socket for Intel Pentium 4/ Pentium ® ® ® Celeron processors Intel Dual-Core 65nm Intel processors Supports ® ® Supports Intel Hyper-Threading Technology ® Supports Intel Enhanced Intel SpeedStep Technology (EIST) ® Chipset Northbridge: VIA PT880 Ultra...

Page 11 P5VDC-X specifications summary Internal 1 x Floppy disk drive connector connectors 2 x IDE connectors 2 x Serial ATA connectors 2 x USB 2.0 connectors for 4 additional USB ports 1 x 24-pin EATX power connector 1 x 4-pin ATX 12 V power connector...

Page 13 This chapter describes the motherboard features and the new technologies it supports. Product introduction ASUS P5VDC-X...

Page 14: Welcome

® The motherboard delivers a host of new features and latest technologies, making it another standout in the long line of ASUS quality motherboards! Before you start installing the motherboard, and hardware devices on it, check the items in your package with the list below.

Page 15 RAID 0, RAID 1, and JBOD configuration for two SATA connectors. See page 1-29 for details. 10/100 Mbps LAN Easy connectivity to your network or broadband connection with the onboard LAN port. Allows you to play online games without buying expensive additional LAN

cards. See page 1-26 for details. ASUS P5VDC-X...

Page 16: Innovative Asus Features

Innovative ASUS features ASUS EZ Flash BIOS With the ASUS EZ Flash, you can easily update the system BIOS even before loading the operating system. No need to use a DOS-based utility or boot from a floppy disk. See page 2-3 for details.

Page 17: Before You Proceed

This is a reminder that you should shut down the system and unplug the power cable before removing or plugging in any motherboard component. The illustration below shows the location of the onboard LED. Top:Line In Center:Line Out Below:Mic In SB_PWR P5VDC-X Standby Powered Power P5VDC-X Onboard LED ASUS P5VDC-X...

Page 18: Motherboard Overview

Place six (6) screws into the holes indicated by circles to secure the motherboard to the chassis. Do not overtighten the screws! Doing so can damage the motherboard. Place this side towards the rear of the chassis Top:Line In Center:Line Out Below:Mic In P5VDC-X Chapter 1: Hardware information...

Page 19: Motherboard Layout

Top:Line In Center:Line Out Center:Line Out Below:Mic In Below:Mic In REALTEK P5VDC-X RTL8201CL CHA_FAN PCIEX16 VT8237A PCI1 CR2032 3V Lithium Cell AD1986A CMOS Power PCI2 SATA1 USB78_WIFI SB_PWR BIOS PCI3 SATA2 CLRTC USBPW56 USBPW78 AAFP PANEL FLOPPY USB56 ASUS P5VDC-X...

Page 20: Central Processing Unit (Cpu)

Contact your retailer immediately if the PnP cap is missing, or if you see any damage to the PnP cap/socket contacts/motherboard components. ASUS will shoulder the cost of repair only if the damage is shipment/ transit-related. •...

Page 21 (B). Load plate Position the CPU on the socket, making sure that the gold triangle fixes on the bottom-left corner of the socket. The socket alignment keys should fit Alignment key into the CPU notches. Gold triangle mark ASUS P5VDC-X...

Page 22 Close the load plate (A), then push the load lever (B) until it snaps into the retention tab. The CPU fits in only one correct orientation. DO NOT force the CPU into the socket to prevent benting the connectors on the socket and damaging the CPU.

Page 23: Installing The Cpu Heatsink And Fan

CPU fan connector. Motherboard hole Narrow end Fastener of the groove Make sure to orient each fastener with the narrow end of the groove pointing outward. (The photo shows the groove shaded for emphasis.) ASUS P5VDC-X 1-11...

Page 24 Push down two fasteners at a time in a diagonal sequence to secure the heatsink and fan assembly in place. Connect the CPU fan cable to the connector on the motherboard labeled CPU_FAN. Do not forget to connect the CPU fan connector! Hardware monitoring errors can occur if you fail to plug this connector.

Page 25: Uninstalling The Cpu Heatsink And Fan

To uninstall the CPU heatsink and fan: Disconnect the CPU fan cable from the connector on the motherboard. Rotate each fastener counterclockwise. Pull up two fasteners at a time in a diagonal sequence to disengage the heatsink and fan assembly from the motherboard. ASUS P5VDC-X 1-13...

Page 26 Remove the heatsink and fan assembly from the motherboard. Rotate each fastener clockwise to reset the orientation. Narrow end of the groove When reset, each fastener should be oriented as shown, with the narrow groove directed outward. 1-14 Chapter 1: Hardware information...

Page 27: System Memory

DDR2_1 and DDR2_2 Top:Line In Center:Line Out Below:Mic In P5VDC-X P5VDC-X DDR & DDR2 DIMM Sockets • To prevent damage to the motherboard, do not use DDR and DDR2 memory simultaneously. • Due to chipset resource allocation, the system may detect less than 2 GB system memory when you installed two 1 GB DDR2 or DDR memory modules.

Page 28 DDR2 (533 MHz) Qualified Vendors List DIMM support Size Vendor Mode Brand Side(s) Component 256MB Kingston KVR533D2N4/256 Elpida E5116AB-5C-E • • 256MB Kingston KVR533D2N4/256 Elpida E5116AF-5C-E • • 512MB Kingston KVR533D2N4/512 Hynix HY5PS56821 • • 512MB Kingston KVR533D2N4/512 Infineon HYB18T512800AF3733336550 •...

Page 29 Single-sided SS - Double-sided DS - Visit the system builder's website for the latest DDR2-533, DDR-400, or DDR-333 Qualified Vendors List. ASUS P5VDC-X 1-17...

Page 30: Installing A Ddr1 Dimm

1.7.3 Installing a DDR1 DIMM Make sure to unplug the power supply before adding or removing DIMMs or other system components. Failure to do so may cause severe damage to both the motherboard and the components. Unlock a DDR1 DIMM socket DDR DIMM notch by pressing the retaining clips outward.

Page 31: Installing A Ddr2 Dimm

DIMM. Support the DIMM lightly with your fingers when pressing the retaining clips. The DIMM might get DDR2 DIMM notch damaged when it flips out with extra force. Remove the DIMM from the socket. ASUS P5VDC-X 1-19...

Page 32: Expansion Slots

Expansion slots In the future, you may need to install expansion cards. The following sub-sections describe the slots and the expansion cards that they support. Make sure to unplug the power cord before adding or removing expansion cards. Failure to do so may cause you physical injury and damage motherboard components.

Page 33: Interrupt Assignments

When using PCI cards on shared slots, ensure that the drivers support "Share IRQ" or that the cards do not need IRQ assignments; otherwise, conflicts will arise between the two PCI groups, making the system unstable and the card inoperable. ASUS P5VDC-X 1-21...

Page 34: Pci Slots

Install only 1.5 V or 0.8 V AGP cards on this motherboard! Top:Line In Center:Line Out Below:Mic In P5VDC-X Keyed for 1.5v P5VDC-X Accelerated Graphics Port (AGP) 1.8.6 PCI Express x16 slot This motherboard supports PCI Express x16 graphic cards that comply with the PCI Express specifications.

Page 35 ASUS EN7800GTX TOP ASUS N5900 Rev. V1.00 Powercolor X300 Powercolor X800 Powercolor-X850XT Rev. B • Some PCI Express graphics cards cannot operate on PCIe x4 mode. • Visit the ASUS website for the latest VGA Qualified Vendors List. ASUS P5VDC-X 1-23...

Page 36: Jumpers

Normal Clear CMOS (Default) P5VDC-X Clear RTC RAM You do not need to clear the RTC when the system hangs due to overclocking. For system failure due to overclocking, use the C.P.R. (CPU Parameter Recall) feature. Shut down and reboot the system so the BIOS can automatically reset parameter settings to default values.

Page 37 Below:Mic In USBPW56 P5VDC-X USBPW78 +5VSB P5VDC-X USB device Wake up (Default) • The USB device wake-up feature requires a power supply that can provide 500 mA on the +5VSB lead for each USB port; otherwise, the system would not power up.

Page 38: 1.10 Connectors

1.10 Connectors 1.10.1 Rear panel connectors PS/2 mouse port (green). This port is for a PS/2 mouse. Parallel port. This 25-pin port connects a parallel printer, a scanner, or other devices. LAN (RJ-45) port. This port allows 10/100 Mbps connection to a Local Area Network (LAN)

through a network hub.

Page 39: 1.10.2 Internal Connectors

FDD cable with a covered Pin 5. Top:Line In Center:Line Out Below:Mic In FLOPPY P5VDC-X PIN 1 NOTE: Orient the red markings on the floppy ribbon cable to PIN 1. P5VDC-X Floppy Disk Drive Connector ASUS P5VDC-X 1-27...

Page 40 If any device jumper is set as “Cable-Select,” make sure all other device jumpers have the same setting. Top:Line In Center:Line Out Below:Mic In NOTE: Orient the red markings (usually zigzag) on the ID ribbon cable to PIN 1. P5VDC-X P5VDC-X IDE Connectors 1-28 Chapter 1: Hardware information...

Page 41 SATA1 Top:Line In Center:Line Out Below:Mic In P5VDC-X SATA2 P5VDC-X SATA Connectors Install the Windows 2000 Service Pack 4 or the Windows XP Service ® ® Pack1 before using Serial ATA. For detailed instructions on how to configure RAID 0,RAID 1, and JBOD, refer to the RAID manual in the support CD.

Page 42 Internal audio connectors (4-pin CD) This connector allows you to receive stereo audio input from sound sources such as a CD-ROM, TV tuner, or MPEG card. Top:Line In Center:Line Out Below:Mic In P5VDC-X CD(Black) P5VDC-X Internal Audio Connector 1-30 Chapter 1: Hardware information...

Page 43 Top:Line In Center:Line Out Below:Mic In AAFP P5VDC-X P5VDC-X Analog Front Panel Connector It is recommended that you connect a high-definition front panel audio module to this connector to avail of the motherboard’s high-definition audio capability. Analog Front Panel Connector...

Page 44 +5V Standby +5 Volts +12 V olts olts +5 Volts +12 V P5VDC-X ATX Power Connectors Ground +3 Volts • You can also use a Power Supply Unit (PSU) with a 24-pin ATX power connector on this motherboard. • Do not forget to connect the 4-pin ATX +12 V power plug;...

Page 45: System Panel Connector

PANEL P5VDC-X Reset IDE_LED PWRSW P5VDC-X System Panel Connector The sytem panel connector is color-coded for easy connection. Refer to the connector description below for details. • System power LED (Green 3-pin PLED) This 3-pin connector is for the system power LED. Connect the chassis power LED cable to this connector.

Page 46 1-34 Chapter 1: Hardware information...

Page 47: Chapter 2: Bios Setup

This chapter tells how to change the system settings through the BIOS Setup menus. Detailed descriptions of the BIOS parameters are also provided. BIOS setup ASUS P5VDC-X...

Page 48: Managing And Updating Your Bios

The following utilities allow you to manage and update the motherboard Basic Input/Output System (BIOS) setup. ASUS AFUDOS (Updates the BIOS in DOS mode using a bootable floppy disk.) ASUS EZ Flash (Updates the BIOS using a floppy disk during POST.) ASUS CrashFree BIOS 2 (Updates the BIOS using a bootable floppy...

Page 49: Asus Ez Flash Utility

2.1.2 ASUS EZ Flash utility The ASUS EZ Flash feature allows you to update the BIOS without having to go through the long process of booting from a floppy disk and using a DOS-based utility. The EZ Flash utility is built-in the BIOS chip so it is accessible by pressing <Alt>...

Page 50: Afudos Utility

2.1.3 AFUDOS utility The AFUDOS utility allows you to update the BIOS file in DOS environment using a bootable floppy disk with the updated BIOS file. This utility also allows you to copy the current BIOS file that you can use as backup when the BIOS fails or gets corrupted during the updating process.

Page 51: Updating The Bios File

Updating the BIOS file To update the BIOS file using the AFUDOS utility: Visit the ASUS website (www.asus.com) and download the latest BIOS file for the motherboard. Save the BIOS file to a bootable floppy disk. Write the BIOS filename on a piece of paper. You need to type the exact BIOS filename at the DOS prompt.

Page 52: Asus Crashfree Bios 2 Utility

2.1.4 ASUS CrashFree BIOS 2 utility The ASUS CrashFree BIOS 2 is an auto recovery tool that allows you to restore the BIOS file when it fails or gets corrupted during the updating process. You can update a corrupted BIOS file using the motherboard support CD or the floppy disk that contains the updated BIOS file.

Page 53: Recovering The Bios From The Support Cd

Restart the system after the utility completes the updating process. The recovered BIOS may not be the latest BIOS version for this motherboard. Visit the ASUS website (www.asus.com) to download the latest BIOS file. ASUS P5VDC-X...

Page 54: Asus Update Utility

2.1.5 ASUS Update utility The ASUS Update is a utility that allows you to manage, save, and update the motherboard BIOS in Windows environment. The ASUS Update utility ® allows you to: • Save the current BIOS file • Download the latest BIOS file from the Internet •...

Page 55: Updating The Bios Through The Internet

To update the BIOS through the Internet: Launch the ASUS Update utility from the Windows desktop by clicking ® Start > Programs > ASUS > ASUSUpdate > ASUSUpdate. The ASUS Update main window appears. Select Update BIOS from Select the ASUS FTP site...

Page 56: Updating The Bios Through A Bios File

To update the BIOS through a BIOS file: Launch the ASUS Update utility from the Windows desktop by ® clicking Start > Programs > ASUS > ASUSUpdate > ASUSUpdate. The ASUS Update main window appears. Select Update BIOS from a file option from the drop-down menu, then click Next.

Page 57: Bios Setup Program

The BIOS setup screens shown in this section are for reference purposes only, and may not exactly match what you see on your screen. • Visit the ASUS website (www.asus.com) to download the latest BIOS file for this motherboard. ASUS P5VDC-X 2-11...

Page 58: Bios Menu Screen

2.2.1 BIOS menu screen Menu items Menu bar Configuration fields General help Use [ENTER], [TAB] System Time [11:51:19] or [SHIFT-TAB] to System Date [Thu 3/21/2006] select a field. Legacy Diskette A [1.44M, 3.5 in] Use [+] or [-] to Primary IDE Master :[ST320413A] configure system time.

Page 59: Menu Items

Save and Exit /<Page Down> keys to display the Exit other items on the screen. Pop-up window 2.2.9 General help Scroll bar At the top right corner of the menu screen is a brief description of the selected item. ASUS P5VDC-X 2-13...

Page 60: Main Menu

Main menu When you enter the BIOS Setup program, the Main menu screen appears, giving you an overview of the basic system information. Refer to section “2.2.1 BIOS menu screen” for information on the menu screen items and how to navigate through them. Use [ENTER], [TAB] System Time [11:51:19]...

Page 61: Fourth Ide Master

When set to [Disabled], the data transfer from and to the device occurs one sector at a time. Configuration options: [Disabled] [Auto] ASUS P5VDC-X 2-15...

Page 62: System Information

PIO Mode [Auto] Selects the PIO mode. Configuration options: [Auto] [0] [1] [2] [3] [4] DMA Mode [Auto] Selects the DMA mode. Configuration options: [Auto] [SWDMA0] [SWDMA1] [SWDMA2] [MWDMA0] [MWDMA1] [MWDMA2] [UDMA0] [UDMA1] [UDMA2] [UDMA3] [UDMA4] [UDMA5] [UDMA6] SMART Monitoring [Auto] Sets the Smart Monitoring, Analysis, and Reporting Technology.

Page 63: Advanced Menu

If the system AI Overclock Tuner [Standard] Allows selection of CPU overclocking options to achieve desired CPU internal frequency. Select either one of the preset overclocking options. Configuration options: [Manual] [Standard] [Overclock 5%] [Overclock 10%] [Overclock 20%] [Overclock 30%] ASUS P5VDC-X 2-17...

Page 64

The following item appears only when you set the AI Overclocking item to [Manual]. CPU Frequency [XXX] Displays the frequency sent by the clock generator to the system bus and PCI bus. The value of this item is auto-detected by the BIOS. Use the <+>...

Page 65: Usb Configuration

If no USB device is detected, the legacy USB support is disabled. Configuration options: [Disabled] [Enabled] [Auto] USB 2.0 Controller Mode [HiSpeed] Allows you to configure the USB 2.0 controller in HiSpeed (480 Mbps) or Full Speed (12 Mbps). Configuration options: [Full Speed] [HiSpeed] ASUS P5VDC-X 2-19...

Page 66

BIOS EHCI Hand-off [Enabled] Allows you to enable support for operating systems without an EHCI hand-off feature. Configuration options: [Disabled] [Enabled] Do not disable the BIOS EHCI Hand-Off option if you are running a Windows operating system with USB device. ®...

Page 67: Cpu Configuration

Configuration options: [Disabled] [Enabled] CPU Internal Thermal Control [Disabled] Disables or sets the CPU internal thermal control. Configuration options: [Auto] [Disabled] Hyper-Threading Function [Enabled] Allows you to enable or disable the processor Hyper-Threading Technology. Configuration options: [Disabled] [Enabled] ASUS P5VDC-X 2-21...

Page 68: Chipset

2.4.4 Chipset The Chipset menu allows you to change the advanced chipset settings. Select an item then press <Enter> to display the sub-menu. Advanced Chipset Settings WARNING: Setting wrong values in below sections may cause system to malfuction. NorthBridge VIA PT880Ultra Configuration SouthBridge VIA VT8237A Configuration NorthBridge Configuration DRAM Clock/Timing Configuration...

Page 69

Active to Precharge(Tras) [7T] Configuration options: [5T [6T] [7T]..[20T] Active to CMD(Trcd) [4T] Configuration options: [2T] [3T] [4T] [5T] DRAM BUS selection [Auto] Allows you to select the DRAM Bus mode. Configuration options: [Auto] [Single Channel] [Dual Channel] ASUS P5VDC-X 2-23...

Page 70

AGP & P2P Bridge Configuration If you select the option of AGP & P2P Bridge Configuration, the following options will appearred. AGP 2.0 Mode [4x] AGP Fast Write [Enabled] AGP Aperture Size [128MB] Primary Graphics Adapter [PCI Express] AGP 2.0 Mode [4x] Allows you to select the AGP mode.

Page 71

V-Link 8X Supported [Enabled] Allows you to enable or disable the V-Link 8X mode. Configuration options: [Disabled] [Enabled] V-Link Data 2X Support [Disabled] Allows you to enable or disable the V-Link 2X mode. Configuration options: [Disabled] [Enabled] ASUS P5VDC-X 2-25...

Page 72: Southbridge Configuration

SouthBridge Configuration * Serial ATA IDE Controller [SATA] RAID BIOS Execute [Enabled] OnBoard LAN [Enabled] OnBoard LAN Boot ROM [Disabled] * High Definition Audio [Auto] PCI Delay Transaction [Disabled] Serial ATA IDE Controller [SATA] This option allows you to set the Serial ATA IDE controller mode. Configuration options: [Disabled] [SATA] [RAID] RAID BIOS Execute [Enabled] This option allows you to enable or disable the RAID BIOS Execute.

Page 73: Onboard Devices Configuration

Configuration options: [Normal] [Bi-Directional] [EPP] [ECP] EPP Version [1.9] This item allows you to set the Parallel Port EPP Version. Configuration options: [1.9] [1.7] Parallel Port IRQ [IRQ7] Allows you to select the Parallel Port IRQ. Configuration options: [IRQ5] [IRQ7] ASUS P5VDC-X 2-27...

Page 74: Pci Pnp

2.4.6 PCI PnP The PCI PnP menu items allow you to change the advanced settings for PCI/PnP devices. The menu includes setting IRQ and DMA channel resources for either PCI/PnP or legacy ISA devices, and setting the memory size block for legacy ISA devices.

Page 75: Power Menu

Allows you to enable or disable the Advanced Configuration and Power Interface (ACPI) support in the Application-Specific Integrated Circuit (ASIC). When set to Enabled, the ACPI APIC table pointer is included in the RSDT pointer list. Configuration options: [Disabled] [Enabled] ASUS P5VDC-X 2-29...

Page 76: Apm Configuration

2.5.5 APM Configuration Power Management/APM [Enabled] Configure CPU. Restore on AC Power Loss [Last State] Advanced Resume Events Controls Resume On Ring [Disabled] Resume On LAN [Disabled] Resume On PME# [Disabled] Resume On KB [Disabled] Wake-Up Key [Any Key] Resume On PS/2 Mouse [Disabled] Resume On RTC Alarm [Disabled]...

Page 77

Resume On RTC Alarm [Disabled] Allows you to enable or disable RTC to generate a wake event. When this item is set to Enabled, the items RTC Alarm Date, and System Time appear with set values. Configuration options: [Disabled] [Enabled] ASUS P5VDC-X 2-31...

Page 78: Hardware Monitor

2.5.6 Hardware Monitor Hardware Monitor MB Temperature [45ºC/113ºF] CPU Temperature [35ºC/96.5ºF] CPU Fan Speed [3770 RPM] Chassis Fan Speed [N/A] Power Fan Speed [N/A] CPU Voltage Selection [1.248V] 3.3V Voltage [3.430V] Select Screen 5V Voltage [5.004V] Select Item 12V Voltage [11.554V] Change Option...

Page 79: Boot Menu

These items specify the boot device priority sequence from the available Enter Go to Sub-screen General Help devices. The number of device items that appears on the screen depends Save and Exit Exit on the number of devices installed in the system. Configuration options: [xxxxx Drive] [Disabled] ASUS P5VDC-X 2-33...

Page 80: Boot Settings Configuration

This allows you to enable or disable the full screen logo display feature. Configuration options: [Disabled] [Enabled] Set this item to [Enabled] to use the ASUS MyLogo™ feature. Add On ROM Display Mode [Force BIOS] Sets the display mode for option ROM.

Page 81: Security

<Enter>. The message “Password Uninstalled” appears. If you forget your BIOS password, you can clear clear it by erasing the CMOS Real Time Clock (RTC) RAM. See section “2.6 Jumpers” for information on how to erase the RTC RAM. ASUS P5VDC-X 2-35...

Page 82: Change User Password

After you have set a supervisor password, the other items appear to allow you to change other security settings. Security Settings Supervisor Password : Not Installed User Password : Not Installed Change Supervisor Password User Access Level [Full Access] Change User Password Clear User Password Password Check [Setup]...

Page 83: Exit Menu

If you attempt to exit the Setup program without saving your changes, the program prompts you with a message asking if you want to save your changes before exiting. Press <Enter> to save the changes while exiting. ASUS P5VDC-X 2-37...

Page 84: Discard Changes

Exit & Discard Changes Select this option only if you do not want to save the changes that you made to the Setup program. If you made changes to fields other than System Date, System Time, and Password, the BIOS asks for a confirmation before exiting.

Page 85: Chapter 3: Software Support

This chapter describes the contents of the support CD that comes with the motherboard package. Software support ASUS P5VDC-X...

Page 86: Installing An Operating System

The contents of the support CD are subject to change at any time without notice. Visit the ASUS website(www.asus.com) for updates. 3.2.1 Running the support CD Place the support CD to the optical drive.

Page 87: Drivers Menu

Install the necessary drivers to activate the devices. VIA ChipSet HyperionPro Driver Installs the VIA Chipset HyperionPro driver. ADI Audio Driver Executes the wizard to install the ADI Audio driver and application. VIA Ethernet Driver Installs the VIA Ethernet driver. ASUS P5VDC-X...

Page 88: Utilities Menu

This utility helps you keep your computer in healthy operating condition. ASUS Update The ASUS Update utility allows you to update the motherboard BIOS in a Windows environment. This utility requires an Internet connection either ®...

Page 89: Make Disk

3.2.4 Make disk The Utilities menu shows you to make a RAID driver disk. VIA RAID Driver Allows you to create a VT8237A 32/64bit RAID driver disk. ASUS P5VDC-X...

Page 90: Manual Menu

3.2.4 Manuals menu The Manuals menu contains a list of supplementary user manuals. Click an item to open the folder of the user manual. Most user manual files are in Portable Document Format (PDF). Install the Adobe Acrobat Reader from the Utilities menu before opening a ®...

Page 91: Asus Contact Information

3.2.5 ASUS Contact information Click the Contact tab to display the ASUS contact information. You can also find this information on the inside front cover of this user guide. ASUS P5VDC-X...

Page 92 Chapter 3: Software support...

This manual is also suitable for:

90-mbb2u0-g0eayz