





## Asus A7V User Manual

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



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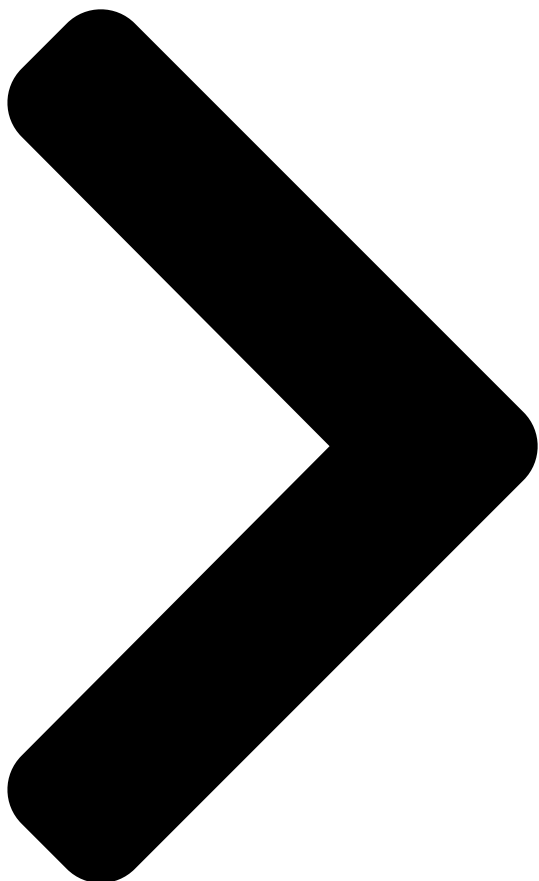
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®

# A7V

JumperFree™ PC133/VC133

200MHz FSB AGP Pro/4X

Socket A Motherboard

The ASUS logo is displayed in a bold, black, sans-serif font. The letters are closely spaced, with the 'A' and 'S' being particularly prominent. The logo is positioned to the right of the 'Socket A Motherboard' text, partially overlapping it.

# USER'S MANUAL

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## Related Manuals for Asus A7V

### [Motherboard ASUS PC133 User Manual](#)

Jumperfree pc133/vc133 200mhz fsb agp pro/4x socket a motherboard (112 pages)

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Asus a7db: user guide (76 pages)

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A7v600 user manual (82 pages)

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Asus motherboard user guide (142 pages)

### [Motherboard Asus A7V-VM Quick Start Manual](#)

Athlon/duron microatx motherboard (22 pages)

## Summary of Contents for Asus A7V

[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 altered, unless such repair, modification or 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: +886-2-2893-7775 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:...

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### [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) Bag of spare jumper caps (1)  
ASUS Support CD with drivers and utilities (1) This Motherboard User's...

### [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  
Optional Components •...

### [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 .....

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## [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](#)

13) WOR p. 36 Wake-On-Ring Connector (2 pins) 14) PWR\_, CPU\_,CHA\_FAN p. 37 Chassis, Power Supply, CPU, F\_Fan Connectors (3 pins) F\_FAN 15) CD\_IN, AUX, MODEM p. 38 Internal Audio Connectors (4 4-pin) (optional) continued... ASUS A7V User's Manual...

[Page 16](#) 42 System Message LED (2 pins) 25) SMI (PANEL) p. 42 System Management Interrupt Lead (2 pins) 26) PWR.SW (PANEL) p. 42 ATX / Soft-Off Switch Lead (2 pins) 27) RESET (PANEL) p. 42 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](#) (See #8 Voltage [1-2] Frequency Setting) Regulator Output) JumperFree™ Mode All OFF All [3-4] [2-3](Default) Jumper Mode JumperFree Mode (Default) See External Frequency Setting VID4 See Voltage Reg. VID3 Out. (VID) VID2 VID1 A7V Jumper Mode Settings ASUS A7V User's Manual...

[Page 19](#) 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 20](#) 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 21](#) Menu in BIOS Setup so you can set the CPU Frequency). WARNING! Frequencies other than the recommended CPU bus frequencies are not guaranteed to be stable. Overclocking your processor is not recommended. It may result in slower speeds than expected and premature wear of the processor. ASUS A7V User's Manual...

[Page 22](#) 2. To use this feature, JEN must be set to Jumper Mode: [1-2]; [See item #2 in this section, Hardware Setup]. 3. Processor speeds may be also be adjusted in JumperFree Mode using BIOS software. For more up to date processor settings, visit the ASUS web site: www.asus.com (see ASUS CONTACT INFORMATION). ASUS A7V User's Manual...

[Page 23](#) 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 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 24: System Memory \(Dimm\)](#)

For the system CPU bus to operate at MHz/133MHz, use only PC100-/PC133- compliant DIMMs. • ASUS motherboards support SPD (Serial Presence Detect) DIMMs. This is the memory of choice for best performance vs. stability. • SDRAM chips are generally thinner with higher pin density than EDO (Extended Data Output) chips.

## [Page 25: 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 26: Central Processing Unit \(Cpu\)](#)

CAUTION! Be careful not to scrape the motherboard surface when mounting a clamp-style processor fan or else damage may occur to the motherboard. BLANK LEVER LOCK AMD™ Athlon



## [Page 27: 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 28: Accelerated Graphics Port Pro \(Agp Pro\)](#)

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 29: Assigning Irqs For Expansion Cards](#)

3.7.3 Accelerated Graphics Port Pro (AGP Pro) This motherboard provides an Accelerated Graphics Port Pro (AGP Pro) slot to support 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 30: 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 31: 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 32](#) 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 33](#) (Pin 5 is removed to prevent inserting in the wrong orientation 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 34](#) 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 35](#) Chassis Signal lead, which occurs when a panel switch or light detector is triggered. This function requires the optional ASUS CIDB chassis intrusion 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 36](#) 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 37](#) 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 38](#) 16) Internal Microphone Header (3-pin MIC2) (optional) This connector allows you to connect a chassis mounted microphone to the motherboard instead of having to attach an external microphone onto the ATX connectors. MIC2 A7V Microphone Header ASUS A7V User's Manual...

[Page 39](#) 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 40](#) A7V ATX Power Connector 20) 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 41](#) "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 42](#) This 2-pin connector connects to the case-mounted reset switch for rebooting your computer without having to turn off your power switch. This is a preferred method of rebooting to prolong the life of the system's power supply. ASUS A7V User's Manual...

### [Page 43: 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 44](#) 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 45: 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 therefore, cannot be programmed by the Flash Memory Writer utility. ASUS A7V User's Manual...

### [Page 46: 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 47](#) 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 48](#) 4. BIOS SETUP (This page intentionally left blank.) ASUS A7V User's Manual...

### [Page 49: 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 reflect your BIOS screens exactly. ASUS A7V User's Manual...

### [Page 50: 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 51: 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 52: 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 53: 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 54](#) 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 55](#) IDE devices. Set to [Disabled] to suppress Ultra DMA capability. 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 56: 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 characters. Configuration options: [1/4 Sec] [1/2 Sec] [3/4 Sec] [1 Sec] ASUS A7V User's Manual...

[Page 57](#) 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 startup. You do not need to make changes to this field. ASUS A7V User's Manual...

## [Page 58: Advanced Menu](#)

CPU speed (the CPU's internal frequency). Selecting a frequency higher than what the CPU manufacturer recommends may cause the system to hang or crash. See System Hangup later in this section. ASUS A7V User's Manual...

[Page 59](#) If detected, IRQ12 will be used for the PS/2 mouse. IRQ12 will be reserved for expansion cards only if a PS/2 mouse is not detected. [Enabled] will always reserve IRQ12, whether on startup a PS/2 mouse is detected or not. Configuration options: [Enabled] [Auto] ASUS A7V User's Manual...

[Page 60](#) 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. NOTE: The function: "CPU Core: Bus Frequency Multiple" is available on PCB version 1.02 and on. ASUS A7V User's Manual...

## [Page 61: Chip Configuration](#)

(When AGP 4X Drive Strength set to [Manual]) Configuration options: [0] [1] [2]...[F] AGP Drive Strength 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 62](#) (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 63](#) It can greatly improve the display 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 64: I/O Device Configuration](#)

COM2 connector, it will no longer work if you enable the infrared feature. See Standard and Consumer Infrared Module Connector in 3.8 External Connectors. Configuration options: [Disabled] [Enabled] ASUS A7V User's Manual...

[Page 65](#) If you have conflicts with the onboard modem/audio controller, you may set the appropriate field to [Disabled]. Configuration options: [Disabled] [Auto] ASUS A7V User's Manual...

[Page 66](#) 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 67: 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. Configuration options: [Auto] [Disabled] ASUS A7V User's Manual...

[Page 68](#) (non-PnP) device. The default value indicates either that the displayed IRQ is not used or that the legacy Configuration Utility (ICU) is being used to determine if a legacy device is using that IRQ. Configuration options: [No/ICU] [Yes] ASUS A7V User's Manual...

[Page 69](#) (non-PnP) device. The default setting indicates either that the displayed DMA channel is not used or an ICU is being used to determine if a legacy device is using that channel. Configuration options: [No/ICU] [Yes] ASUS A7V User's Manual...

[Page 70](#) 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]. Configuration options: [No/ICU] [C800] [CC00] [D000] [D400] [D800] [DC00] ASUS A7V User's Manual...

### [Page 71: 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 72: 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 73](#) Select [ON] to make CPU Fan keep turning in Standby Mode. Configuration options: [ON] [OFF] Suspend Mode [Disabled] Sets the time period before the system goes into suspend mode. Configuration options: [Disabled] [30 Sec] [1 Min]... [40 Min] ASUS A7V User's Manual...

### [Page 74: Power Up Control](#)

Turning an external modem off and then back on while the computer is off causes an initialization string that will also cause the system to power on. Configuration options: [Disabled] [Enabled] ASUS A7V User's Manual...

[Page 75](#) [By Date]. NOTE: Automatic Power Up will not work if the system is powered down by operating systems, such as Windows 98, that have ACPI support enabled. Configuration options: [Disabled] [Everyday] [By Date] ASUS A7V User's Manual...

### [Page 76: 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 77: 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 connectors, not to the ATA100 connectors. Currently, the Promise® Ultra DMA/100 chip does not support this feature. ASUS A7V User's Manual...

[Page 78](#) 40 or 80 tracks. Configuration options: [Disabled] [Enabled] SCSI/ATA100 Boot Sequence [ATA100/SCSI] Configuration options: [ATA100/SCSI] [SCSI/ATA100] Load Onboard ATA Bios [Auto] Configuration options: [Auto] [Disabled] Primary VGA Bios [PCI Card] Configuration options: [PCI Card] [AGP Card] ASUS A7V User's Manual...

## [Page 79: 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 confirmation before exiting. ASUS A7V User's Manual...

## [Page 80: 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 option, 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 81: 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 82: A7V Series Motherboard Support Cd](#)

ASUS PC Probe Vx.xx: Installs a smart utility to monitor your computer's fan, temperature, and voltages. • ASUS Update Vx.xx: Installs a program that can help you update BIOS or download a BIOS image file. • PC-Cillin 98 Vx.xx: Installs the PC-cillin virus protection software. View online help for more information.

[Page 83](#) (TO SEE THE FOLLOWING ITEMS, CLICK RIGHT ARROW ON THE LOWER-RIGHT CORNER OF THE MAIN MENU) • ASUS BIOS Flash Utility for LDCM 6.1: Installs a utility that remotely flashes to a client PC's BIOS software when used in conjunction with Intel LDCM Administrator.

## [Page 84: 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 85: 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 86](#) CPU temperature and predefined threshold. 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. ASUS A7V User's Manual...

[Page 87](#) CPU type, CPU speed, and internal/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 88: 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 system monitoring. When the ASUS PC Probe...

## [Page 89: 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 90: 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

### [Page 91: Cyberlink Videolive Mail](#)

VLM 3 supports all the hardware devices that are compliant with Video for Windows 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 92: Cyberlink Videolive Mail User Interface](#)

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 93: Appendix](#)

Motherboard type Other If you are using the ASUS PCI-L101 on an ASUS motherboard, leave the jumper on its default 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 94: 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 capability, and software such as LDCM Rev. 3.10 or up that can trigger wake-up frame. ASUS A7V User's Manual...

### [Page 95: Modem Riser](#)

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

[Page 96](#) Motorola SM56 AC-L Modem. 9. Click Diagnostic and then click the designated COM port as shown. 10. Click More Info..If the computer system successfully communicates with the modem, responses will be displayed as shown. ASUS A7V User's Manual...

### [Page 97: 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 98](#) IDE devices integrate the drive control circuitry directly on the drive itself, eliminating 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 99](#) 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 controllers, and graphics/video ICs. ASUS A7V User's Manual...

[Page 100](#) 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...