

## Asus AGP-V3000/TV User Manual

V3000 series agp&pci graphics cards

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# V3000 Series AGP&PCL Carbis Cards USER'S MANUAL

# Hardware & Video Drivers AGP-V3000/TV AGP-V3000 3DP-V3000 AGP-V3000ZX/TV/4M AGP-V3000ZX/4M AGP-V3000ZX/TV AGP-V3000ZX/TV

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#### Summary of Contents for Asus AGP-V3000/TV

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<u>Page 2</u> 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: Asus Contact Information

WWW: www.asus.com FTP: ftp.asus.com.tw/pub/ASUS ASUS COMPUTER GmbH (Europe) Marketing Address: Harkort Str. 25, 40880 Ratingen, BRD, Germany Telephone: 49-2102-445011 Fax: 49-2102-442066 Email: info-ger@asus.com.tw Technical Support Hotline: 49-2102-499712 BBS: 49-2102-448690 Email: tsd-ger@asus.com.tw WWW: www.asuscom.de FTP: ftp.asuscom.de/pub/ASUSCOM ASUS V3000 Series User's Manual...

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<u>Page 6</u> Canadian Department of Communications Statement This digital apparatus does not exceed the Class B limits for radio noise emissions from digital apparatus set out in the Radio Interference Regulations of the Cana- dian Department of Communications. ASUS V3000 Series User's Manual...

#### Page 7: Introduction

• AGP 1.0 (2x mode) Bus Interface IMPORTANT! External devices and ASUS Video cards both have NTSC and PAL versions. You must make sure that all your devices and the ASUS Video card are of the same type or else you will not have video capabilities.

#### Page 8: Hardware Installation

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II. Hardware Installation ASUS V3000 Series User's Manual...

#### Page 14: Windows 95/98

2. Shut down your computer and unplug all electrical cords. 3. Replace the existing VGA card with the ASUS V3000 Series graphics card. 4. Restart your computer — the ASUS V3000 Series graphics card should be auto- matically detected and the display drivers automatically updated.

#### Page 15: Operating System Requirements

VGARTD. NOTE: This Manual assumes that your CD-ROM disc drive is drive D: and that MS Windows is in "c:\windows". Replace either with the actual location, if necessary. ASUS V3000 Series User's Manual...

#### Page 16: Install V3000 Series Driver (Existing Asus V3000)

Note: "New hardware found" refers to the prompt for drivers when installing Win- dows 95/98 with the ASUS V3000 Series VGA card already installed. This Manual assumes that your CD-ROM disc drive is drive D: and that Windows 95/98 is in C:\windows.

Page 17 3. Insert your CD or double click on your CD drive icon in My Computer to bring up the autorun screen or run Setup.exe in the root directory of the CD. 4. From the Setup panel, click VGA Driver and follow the installation steps. ASUS V3000 Series User's Manual...

Page 18 The install program will detect whether you are using OSR2.0 with USB (OSR2.1). If not, a message will be given to exit the install program (Click Yes) or continue (Click No). ASUS V3000 Series User's Manual...

Page 19 V3000 Series display driver requires DirectX 6 to have access to the advanced 3D features. This box indicates that the Setup program is searching for the updated DirectX Runtime Components and updating as necessary. ASUS V3000 Series User's Manual...

#### Page 20: Install V3000 Series Driver (Replacing Other Vga Card)

III. Windows 95/98 Install V3000 Series Driver (replacing other VGA card) If you wish to replace an existing VGA card with an ASUS V3000 Series graphics card, the current display drivers must be replaced first (see II. Hardware Installa- tion "Systems with Existing VGA Card").

<u>Page 21</u> 6. After all drivers are installed, power off your system and replace your VGA card with the ASUS V3000 Series card. Restart your computer, and the drivers should be installed automatically. ASUS V3000 Series User's Manual...

#### Page 22: Display Properties (Desktop Utilities)

Origin selection for non-filtering texels Origin selection for bilinear filtering texels Note: The screen displays are provided as examples only and may not reflect the screen contents displayed on your system. ASUS V3000 Series User's Manual...

#### Page 23: Color Correction Menu

You can lists all the information about the VGA card and video configurations from the Information Menu. Shows AGP memory info. (will be blank or warning given if no AGP card or memory is found) Invokes the online help ASUS V3000 Series User's Manual...

#### Page 24: Tv Out Menu (Agp-V3000Zxtv Only)

TV output, close the Properties dialog box, and then enter it again. Settings Menu You can set the resolution, color depth, fonts, and virtual desktop from this menu. Enables/Disables the virtual desktop Sets the screen resolution Sizes the virtual desktop ASUS V3000 Series User's Manual...

#### Page 25: Hotkey Menu

You can adjust the screen output on the monitor from the Monitor Menu. Click to change the onscreen test pattern The sync polarity setting Sets the screen position Displays the Change Refresh Rate menu Sets the screen size Restores the Monitor menu settings to its defaults ASUS V3000 Series User's Manual...

#### Page 26: Refresh Rate Menu

1. Insert your CD or double click on your CD drive icon in My Computer to bring up the autorun screen or run Setup.exe in the root directory of the CD. 2. From the Setup panel, click DirectX6.0. ASUS V3000 Series User's Manual...

Page 27 III. Windows 95/98 The DirectX6 Setup Screen appears 3. Check Direct 3D Hardware Acceleration Enabled and then click the Rein- stall DirectX button. 4. After reinstalling DirectX6, you will be prompted to restart your machine. Click OK. ASUS V3000 Series User's Manual...

#### Page 28: Install Vgartd (Agp Only)

3. A driver detection screen appears to tell you which chipset is detected. Click OK to install the appropriate driver for your chipset. Note: Installation dialogs are slightly different for each

chipset. Please follow the instructions to finish the VGARTD installation. The steps provided are for Intel chipsets. ASUS V3000 Series User's Manual...

Page 29 4. If you selected No..., on the previous screen before clicking OK, you will be presented with a selection of other drivers. Make your driver selection and click Install. 5. When the Welcome screen appears, click Next to continue. 6. Once the driver installation is finished, click Finish. ASUS V3000 Series User's Manual...

Page 30 (This page was intentionally left blank.) ASUS V3000 Series User's Manual...

#### Page 31: Install Asus Live3000 (For Tv Models Only)

III. Windows 95/98 Install ASUS LIVE3000 (for TV models only) ASUS LIVE3000 must be installed to use the video-in function on the V3000 Series accelerator cards. 1. Reinsert your CD or double click on your CD drive icon in My Computer to bring up the autorun screen or run Setup.exe in the root directory of the CD.

#### Page 32: Show/Hide Video Source Option

III. Windows 95/98 Show/Hide Video Source Option When first using ASUS LIVE3000, you must setup the Video Source. By clicking the Show/Hide Video Source Option button on the panel, you can show or hide the video source setting. You can use the Up or Down arrow buttons on the control panel to select the Video Connector or the Video Standard.

#### Page 33: Remove V3000 Series Driver

2. Click Control Panel. 3. Double-click the Add/Remove Programs icon. 4. Click the Install/Uninstall tab. 5. Select ASUS VGA driver from the list. 6. Click Add/Remove. 7. You will be warned that files will be deleted. Click Yes to continue.

<u>Page 34</u> Click Yes To All to remove the shared files. 9. You will be warned that shared files may be used by other devices. Click Yes to continue. 10. This progress screen will show the components that are being uninstalled. ASUS V3000 Series User's Manual...

#### Page 35: Microsoft Windows Nt

8. Type D:\NT40 (assuming your CD-ROM disc drive is in drive D) or click Browse to select the path of the display driver for Windows NT. Click OK. 9. You will see a list of ASUS V3000 Series drivers. Select your driver and then click OK.

#### Page 36: Display Information

V. Display Information Resolution Table 4MB Video Memory (AGP-V3000, AGP-V3000/TV, 3DP-V3000, 3DP-V3000/TV, AGP-V3000ZX/4M, AGP-V300ZXTV/4M) Color Depth Resolution Vertical Horizontal Frequency Frequency 8bpp = 16bpp = 32bpp = 256 colors 65K colors Standard High Color True Color 640 x 480 60Hz 31.4KHz...

Page 37 ---- 1800 x 1440 60Hz 89.5KHz ---- 1920 x 1080 60Hz 67.1KHz ---- 72Hz 81.3KHz ---- 75Hz 84.4KHz ---- 85Hz 96.2KHz ---- 1920 x 1200 60Hz 74.6KHz ---- 72Hz 89.9KHz ---- 75Hz 93.9KHz ---- ASUS V3000 Series User's Manual...

#### Page 38: Troubleshooting

• You have not installed appropriate drivers for the AGP chipset. (e.g. VGARTD.VXD for Intel 440LX which ASUS installation automatically installs) • Incorrect BIOS setting. BIOS must support at least 64MB for AGP aperture size. LIVE3000 reports no •...

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3dp-v3000Agp-v3000zx/4mAgp-v3000Agp-v3000zx/tvAgp-v3000zx/tv/4mAgp-v3000zx ... Show all