

Quick Install

The Voodoo™ Installation Manual

Read This Before You Do Anything Else!

The 3dfx logo is rendered in a light gray, bold, sans-serif font. A thick, red, curved swoosh starts from the left, arches over the letters 'd' and 'f', and ends at the bottom right, partially encircling the 'x'.

3dfx™



Want even more Voodoo?

Visit www.3dfxgamers.com, our premier online community for Voodoo owners and enthusiasts.

Here you'll find our world-class message boards and loads of news on 3dfx technology and products, the latest drivers, cool games, hardware, promotions, and much more.

Join our gaming community at
www.3dfxgamers.com - The Place For All Things Voodoo!

“3dfx has really done their homework in creating a Web site that is not only entertaining with in-depth interviews and previews, but also has a very intuitive design that makes finding the necessities, like drivers, simple. Without a doubt, the best graphics card company owned/operated Web site out there.”

—Billy "Wicked" Wilson

Web chump at the only cold-filtered gaming news site:

www.voodooextreme.com

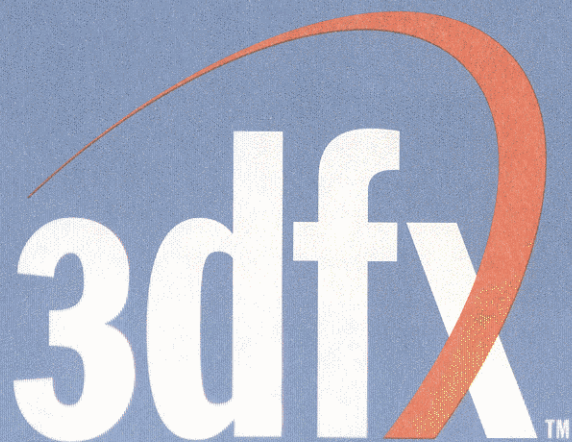
Quick Install Table of Contents

Step 1: Hardware Installation	1-5
Step 2: Software Installation	6
Troubleshooting Tips	7-9
Specifications	10
Customer Service	11
Warranty.....	12
Registration.....	13



Thank you for purchasing your new 3dfx™ 2D/3D accelerator. This product combines the latest 3D engine with superb 2D performance to ensure an unparalleled visual experience.

By closely following the instructions outlined in this guide, you will be able to quickly install the hardware and software needed to take full advantage of the many features of your new video card.



A

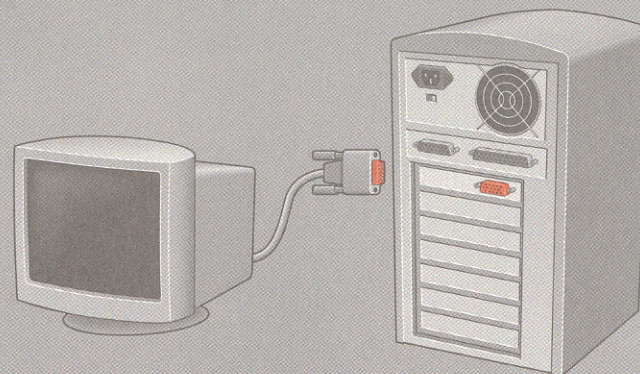
Start your computer normally. Before you install your new 3dfx 2D/3D accelerator card, we strongly recommend that you select the standard VGA display driver in Windows. Please refer to your Windows® documentation for instructions on selecting the standard VGA display driver.

B

Shut down your computer. Unplug your computer and open its case.

There are many different types of personal computers and different ways to open their cases. Refer to the instructions that came with your computer for details on opening its case, and what tools may be required.

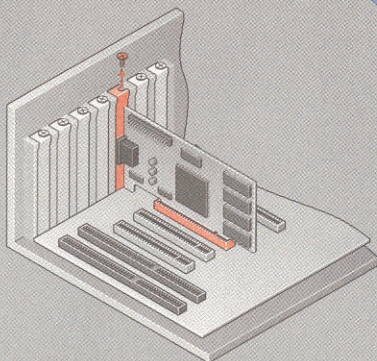
C



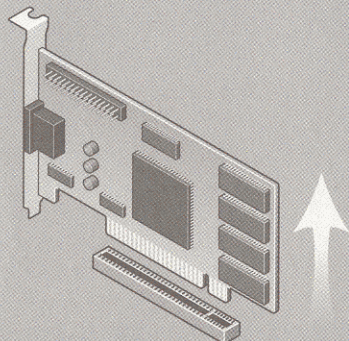
Locate your monitor cable and disconnect it from your current video display card.

D

Remove the screw securing the mounting bracket of your current video display card. Keep the screw you removed.

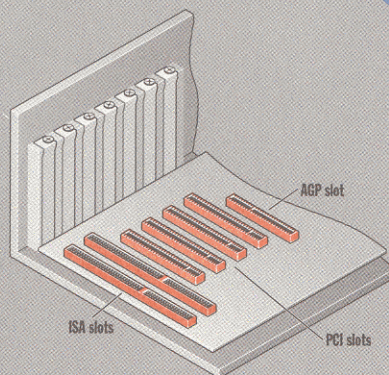
**E**

Gently pull up the video display card to remove.

**F**

If you purchased an AGP-based 3dfx 2D/3D accelerator card, locate the empty AGP slot and proceed to Step G.

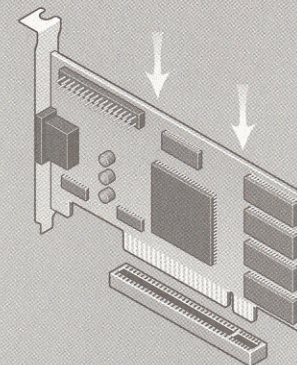
If you purchased a PCI-based 3dfx 2D/3D accelerator card, locate the empty PCI slot and proceed to Step G.

**G**

Insert your new 3dfx Card into the AGP or PCI slot as identified in Step F.

Press down firmly on the points shown in the picture at the same time to ensure the card is fully inserted into the appropriate slot.

Use the screw from the slot cover to secure your 3dfx card's mounting bracket to the computer case.



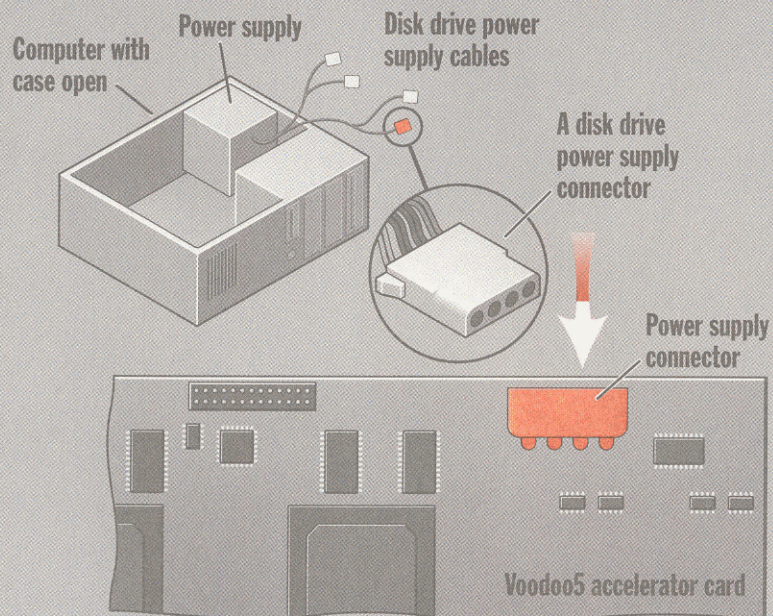
**Voodoo5 Card Owners:
Proceed to Step H.**

**Voodoo4 Card Owners:
Go Directly to Step I.**

H**Voodoo5 Owners Only!**

You **MUST** connect one of your computer's disk drive Power Supply cables to the Power Supply Connector on your new Voodoo5 card.

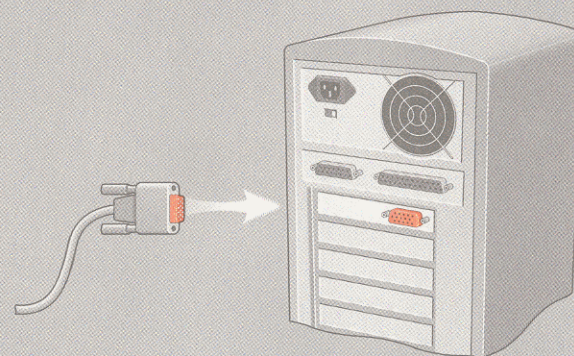
Use the included Power Supply Y-cable, if necessary, to connect the card to one of the system's disk drives.

**I**

Replace your computer's cover and plug in your computer's power cable.

J

Connect your monitor's cable to the Monitor Connector of your new 3dfx 2D/3D accelerator card.



Hardware Installation now complete!
Proceed to Step 2: Software Installation

1. After you have installed your new 3dfx card, restart your computer. Windows will locate the new hardware and prompt you to install the device drivers for it.
2. Place the 3dfx Installation CD in your CD-ROM drive and direct Windows to install the drivers from the CD.
3. Follow the onscreen instructions to complete the installation of the new 3dfx display drivers. Remove the 3dfx Installation CD and restart your system when prompted.
4. After your system has restarted, place the 3dfx Installation CD in your CD-ROM drive again. The Quick Install software on the CD will open the Software Installation screen. This screen will allow you to install 3dfx Tools, DirectX™ and other bundled software.

It is highly recommended that you install the 3dfx Tools to give you maximum control of the advanced features of your new 3dfx accelerator card.

5. Once you have finished the installation of the software, restart your system and the installation of your new 3dfx card is complete!

The following troubleshooting tips are general in nature. Be sure to consult the owner's manual for your computer for specific details of your system that may be relevant to these suggestions.

IMPORTANT NOTES:

The new Voodoo5 card requires additional power from your computer's power supply. Be sure to connect one of your computer's disk drive power cables to the Power Supply connector on your new Voodoo5 card. If necessary, use the included Power Supply Y-cable to connect the card to the power cable used by one of your disk drives.

Your new 3dfx 2D/3D accelerator card also requires an interrupt (IRQ). Your computer's BIOS should automatically assign an IRQ to the card at Boot-up. Please refer to the owner's manual for your computer for more information.

If you have trouble restarting your computer after installing your new 3dfx 2D/3D Accelerator card:

1. Check to be sure that your new 3dfx 2D/3D accelerator card is properly seated in the slot connector.
2. Check all of the cables and cable connections to the computer.
3. Be sure that you have connected one of your computer's disk drive power supply cables to the Power Supply Connector on the Voodoo5 card. Use the included Power Supply Y-cable, if necessary.
4. Verify that there is no other display device in the system or that a built-in display device is completely disabled.
5. Verify that the computer is IBM- and AGP- or PCI-compatible.
6. Try to boot-up the computer from your Windows[®] Boot Disk (if your system uses Windows[®]) or from a standard DOS boot diskette (if one is available).

7. Check your computer's System Setup options to be sure that the following features on your computer are disabled in CMOS:

- Video BIOS shadow or cache
- VGA Palette Snoop or DAC Snoop
- Hidden Refresh
- Byte Merge

"Safe Mode" Troubleshooting Tip:

If your system boots-up normally until it starts to load Windows but fails to work properly after that point, then you may be able to start the system in "Safe Mode" to examine and resolve some common display-related problems. Consult your Windows documentation for information on using the "Safe Mode" option.

Voodoo5 5500 AGP – Specifications

Specifications	Voodoo5 5500 AGP
System	Pentium® II or higher CPU
Slot	AGP 1.1 required
Board Dimensions	9.6" L x 4.2" H (24.4 cm x 10.7 cm)
Memory Address	A000h – BFFFh + 2 linear apertures assigned by PCI
ROM BIOS Address	C000h – C7FFh
I/O Address	3B0h – 3DFh (IBM standard)
DMA	No DMA channels exist
IRQ (REQUIRED!)	One PCI-assigned interrupt

To Receive Warranty Service

**Contact 3dfx
Technical Support Department**

**Inside the USA and Canada:
1-800-234-4334**

**Outside the USA and Canada:
1-972-669-0989**

Fax: 1-972-669-1873

Web Site: www.3dfx.com

Registering Your Product

When you install the software for your new 3dfx card, you will be prompted to register your new product online. If you decide not to register online during the software installation, then you can also:

Register online at www.3dfx.com
or fill out and mail the registration form on the next page to:

3dfx Interactive, Inc.
Technical Support
Limited Lifetime Warranty Registration
26 Walter Jones, Suite E
El Paso, TX 79906

3dfx Interactive, Inc. warrants to the original consumer purchaser ("purchaser") of this product that the 3dfx product purchased shall be free from defects in materials and workmanship for an unlimited period of normal use in the original system in which it is installed under the terms described below. This warranty does not cover any incompatibilities due to the purchaser's computer, hardware, software or any other configuration with which the product interfaces. If a defect covered by this limited warranty occurs, 3dfx, at its option, will repair or replace the defective 3dfx product free of charge.

3dfx Interactive, Inc. reserves the right to replace any defective 3dfx product with product of equivalent or superior performance. Such replacement product may be remanufactured product or manufactured using remanufactured components at 3dfx's option. Repaired or replaced product will be covered by the same warranty.

This limited lifetime warranty does not apply to defects caused by abuse, misuse, negligence, accident, tampering, modification or other causes not related to defective materials or workmanship. 3dfx reserves the right to impose a reasonable charge for the repair of products returned with defects resulting from any of the above causes and for returns where the product is found to be in good working condition. Memory or other components not originally shipped with the product are not covered by this warranty.

To receive warranty service call 3dfx's Technical Support department. Before returning any product for service you must speak to one of our service representatives. The service representative will issue a Return Material Authorization (RMA) number and additional instructions for returning your defective product. No 3dfx product will be accepted for repair without proof of purchase and an RMA number. Your sales receipt or invoice is your proof of purchase. The cost of returning the defective product to 3dfx's service center shall be paid by the purchaser.

No other warranties are expressed or implied, including but not limited to, any implied warranties of merchantability or fitness for a particular purpose. In no event shall 3dfx Interactive, Inc. be liable for any consequential or incidental damages resulting from the use or installation of any 3dfx product, or the breach of any express or implied warranties. 3dfx's liability to any purchaser with respect to any claim or loss arising out of this transaction or alleged to have resulted from an act or omission of 3dfx shall be limited to purchaser's cost of the 3dfx product.

Some states do not allow the exclusion of consequential or incidental damages, so the above exclusion may not apply to you. This warranty provides you with specific legal rights. You may have other rights which vary from state to state.

When you install the software for your new 3dfx card, you will be prompted to register your new product online. If you decide not to register online during the software installation, you can also: Register online at www.3dfx.com or fill out and mail this registration form to: 3dfx Interactive, Inc. Technical Support Limited Lifetime Warranty Registration, 26 Walter Jones, Suite E, El Paso, TX 79906

3dfx Interactive, Inc. Limited Lifetime Warranty

Name _____
Company Name _____
Address _____
City _____ State _____ Zip _____
Country _____
Phone _____ FAX _____
Email _____
Product Name _____
Date Purchased _____
Serial Number _____

1) What is the age of the primary user of this 3dfx product?

- | | | |
|-----------------------------------|--------------------------------|----------------------------------|
| <input type="checkbox"/> Under 13 | <input type="checkbox"/> 19-24 | <input type="checkbox"/> 31-35 |
| <input type="checkbox"/> 14-18 | <input type="checkbox"/> 25-30 | <input type="checkbox"/> over 35 |

2) What is the age of the person who bought this 3dfx product?

- | | |
|--|----------------------------------|
| <input type="checkbox"/> Purchaser and User are the same | <input type="checkbox"/> 25-30 |
| <input type="checkbox"/> Under 13 | <input type="checkbox"/> 31-35 |
| <input type="checkbox"/> 14-18 | <input type="checkbox"/> over 35 |
| <input type="checkbox"/> 19-24 | |

3) Where did you purchase this 3dfx Product?

- | | |
|--|--|
| <input type="checkbox"/> Online Store | <input type="checkbox"/> It was a gift |
| <input type="checkbox"/> Retail Computer/Electronics Store | <input type="checkbox"/> Mail Order |
| <input type="checkbox"/> Retail Department Store | <input type="checkbox"/> Other |

4) Why did you buy this 3dfx product?

- | | |
|--|---|
| <input type="checkbox"/> Good Price | <input type="checkbox"/> Friend/Relative Recommendation |
| <input type="checkbox"/> 3D Performance | <input type="checkbox"/> Online Review |
| <input type="checkbox"/> Feature Set | <input type="checkbox"/> Magazine Review |
| <input type="checkbox"/> Packaging | <input type="checkbox"/> Reputation of Company |
| <input type="checkbox"/> Salesman Recommendation | |

5) What is the primary use for this 3dfx product?

- | |
|---|
| <input type="checkbox"/> Gaming |
| <input type="checkbox"/> Business Applications (Microsoft Word®, Microsoft Excel®, etc) |
| <input type="checkbox"/> Multimedia Applications (TV, Radio, MP3, DVD) |
| <input type="checkbox"/> Internet Browsing |
| <input type="checkbox"/> Other |

6) Which one of the following would you like to use your computer for most?

- | | |
|--|--|
| <input type="checkbox"/> Watching TV | <input type="checkbox"/> Capturing and Editing Audio |
| <input type="checkbox"/> Listening to Radio | <input type="checkbox"/> Capturing and Publishing photos |
| <input type="checkbox"/> Capturing and Editing Video | <input type="checkbox"/> DVD Playback |

Voodoo Graphics, Glide, The 3dfx Logo, Voodoo4, Voodoo5, VSA-100, FXT1, and T-Buffer are trademarks and/or registered trademarks of 3dfx Interactive, Inc. in the USA and in other select countries. Microsoft®, DirectX®, Windows® are registered trademarks of Microsoft Corp. in the United States and/or other countries. OpenGL® is a registered trademark of Silicon Graphics, Inc. All other trademarks are the property of their respective holders. All rights reserved. No part of this publication may be reproduced by any means without prior written permission from 3dfx Interactive, Inc. 3dfx Interactive, Inc. has made every effort to ensure the accuracy of this manual. However, 3dfx Interactive, Inc. makes no warranties with respect to this document and disclaims any implied warranties of merchantability and fitness for a particular purpose. The information in this document is subject to change without notice. 3dfx assumes no responsibility for any errors that may appear in the document. From time to time, changes may occur in the file name and in the files actually included on the distribution disks. 3dfx Interactive, Inc. makes no warranties that such files as mentioned in this document exist on the distribution disks or as part of the materials distributed.

Made In U.S.A.

©2000 3dfx Interactive, Inc.
4435 Fortran Drive
San Jose, CA 95134



P/N 920-0847-001