

ENGLISH

Before You Begin...

- Ensure that Windows® 2000, XP or NT was installed in VGA mode and functions properly.
- To use an AGP graphics card with Windows® NT4.0, you may need to re-install NT with Service Pack 5 (SP5) or Service Pack 6 (SP6) before installing the AGP card.
- If you are running Windows® NT4.0, please note that some drivers are not compatible with earlier releases of Windows® NT. Consult your dealer or local support to ensure you have the most recent releases for Windows® NT and the drivers.

Hardware Installation

Special Precautions for Installing Your Graphics Card:

- Before touching any electronic parts, discharge the static electricity from your body by touching the internal metal frame of your computer while it is unplugged.
- Do not remove a card from its anti-static bag until you are ready to install it. Whenever you remove a card from your computer, always make sure to place it back in its anti-static container.
- Do not let your clothing touch any electronic parts.
- When handling a card, hold it by its edges, and avoid touching its circuitry.

Minimum System Requirements:

- IBM® or 100% PC compatible with an Intel Pentium® III or AMD Athlon® class processor or higher
- One available AGP 2.0 and higher compliant slot, or one available PCI-Express x16 slot or one available PCI slot (required for Quadro4 NVS 280 PCI and 400 PCI or Quadro FX 600 PCI)
- Windows® XP, Windows® 2000, Windows® NT4.0. (Service Pack 6) or Linux
- 256 MB system memory
- 80 MB of available disk space for full installation
- CD-ROM or DVD-ROM drive
- VGA or DVI-I compatible monitor

Package Contents:

Your PNY Quadro package contains the items below.

If you find any damaged or missing items, please contact your dealer.

- Graphics board
- DVI-I to VGA adapter(s) or DMS59-pin cable(s)
- CD-ROM containing software drivers for Windows® XP, Windows® 2000, Windows® NT4.0, Linux and DirectX® 9.0c
- Quick Installation Guide

Software Installation

1. Uninstall Your Existing VGA Driver

- Remove your existing Display Driver using the 'Add or Remove Programs' Icon in the 'Control Panel'.
- Shut down your computer.

2. Remove Your Existing Graphics Card

Prior to working on your computer, power off the computer and any attached equipment such as a monitor or printer. Unplug your computer and disconnect the monitor cable, but note the slot where the cable was plugged in. Disconnect any other peripheral cables as necessary to enable removing the cover of the computer.

Locate your existing graphics card. Then remove the screw that holds the bracket to the chassis. Remove the card by grasping it on the edges and pulling it out of the slot.

3. Choose an Expansion Slot

If necessary, remove the back cover for the slot you intend to use and save the screw for the mounting bracket of your new PNY Quadro graphics card. The PNY Quadro NVS 280 PCI, NVS 400 and Quadro FX 600 must be inserted into a PCI slot. All other PNY Quadro cards are AGP or PCI-Express cards.

4. Insert the New Card

Position the Quadro graphics card over the expansion slot that coincides with the type (AGP, PCI-E or PCI) of card purchased. Push the card firmly and evenly until it's fully

seated into the slot. Replace the screw to secure the bracket of the graphics card to the computer chassis. Replace the cover of your computer.

5. Reconnect the Monitor Cable

The Quadro NVS 50 has one DVI-I connector. Connect your DVI-I monitor cable directly, or use the supplied DVI-I to VGA adapter to connect VGA display.

The Quadro NVS 280/280PCI-E, Quadro4 580 XGL and Quadro FX330 have a single DMS59-pin connector. The Quadro NVS 400 has two DMS59-pin connectors. Each DMS59-pin connector can support two monitors using the supplied splitter cable. Your card ships with one VGA+VGA splitter cable per DMS59 port. DVI-I + DVI-I splitter cables are available at an additional cost. Visit PNY Technologies website at www.pny-europe.com for more information.

Quadro4 380 XGL and Quadro FX 540 PCI-E have VGA, DVI-I and TV-Out connectors and supports dual monitors. This card supports single VGA output or dual VGA outputs (using a DVI-I to VGA adapter) or single DVI-I output or VGA + DVI-I outputs.

Quadro FX 500 and FX 700 have both VGA and DVI-I connectors. Connect your monitor cable(s) to the appropriate connector. To support dual VGA monitors, use the supplied DVI-I to VGA adapter.

Quadro4 980 XGL, Quadro FX 600, FX1100, FX1300, FX3000, FX3400, FX4000 have dual DVI-I connectors. Connect your DVI-I monitor cable(s) directly, or use the supplied DVI-I to VGA adapters to connect VGA displays.

Quadro FX 3000G has dual DVI-I connectors, two RJ45 and one BNC connector for Framelock/Genlock.

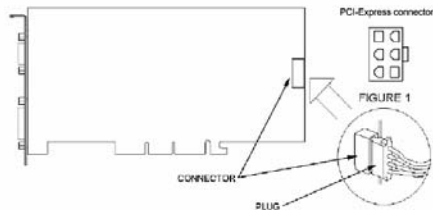
Additional Power Requirements

(Quadro FX 700, FX 1100, FX1300, FX 3000, FX3400, FX 4000 Cards Only)

In order for your Quadro FX graphics card to work optimally, an additional power connector (two for FX4000 and FX3400) must be plugged in. Locate an unused power plug inside your computer system and plug it into the card connector as shown below. AGP graphic cards need hard disc power connectors, PCI-E graphic cards need PCI-E power connector (fig.1).

The power connector is keyed so that it can only be inserted one way. Please verify the orientation of the plug before insertion.

DO NOT FORCE IT INTO THE CONNECTOR.



Additional power requirements

6. Install the Software Drivers

The PNY Quadro CDs contain the software drivers for your new graphics accelerator card. You will also find additional information at www.pny-europe.com

Installing Quadro Graphics Drivers

1. Insert the PNY Quadro CD-ROM into the CD-ROM drive.
2. Select "Install Drivers and Tools". Select the Drivers and Tools that you need to install. Follow the Installation Wizard.

7. Guarantee

Quadro boards benefit from a 3 years warranty.

Limited Liability

The information contained in this manual has been validated at the time of manual production. The manufacturer reserves the right to make any changes, additions and revisions to the product described in this manual at any time and without notice. Consequently, PNY Technologies, Inc. assumes no liability for damages incurred directly or indirectly from errors, omissions or discrepancies between the product and the manual.

PNY Technologies Europe Z.A.C du Phare Rue Joseph Cugnot, BP-181
33708 Mérignac Cedex (France)