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› PNY NVIDIA Quadro K2200 4GB GDDR5 DVI DP Graphics Card User Manual

PNY Quadro K2200

PNY NVIDIA Quadro K2200 Graphics Card User Manual

1. INTRODUCTION

Welcome to the user manual for your PNY NVIDIA Quadro K2200 graphics card. This document provides essential information for the proper installation, operation, maintenance, and troubleshooting of your professional graphics solution. Please read this manual thoroughly before proceeding with installation or use.

2. PRODUCT OVERVIEW

The PNY NVIDIA Quadro K2200 is a professional graphics card designed for demanding creative and design applications, including CAD, DCC, and visualization. It features 4GB of GDDR5 memory and offers DVI and DisplayPort outputs for versatile display connectivity.



Image: The PNY NVIDIA Quadro K2200 graphics card, showcasing its cooling fan, DVI, and DisplayPort connectors. The card features a green PCB with a black shroud covering the GPU and fan assembly.

3. SETUP AND INSTALLATION

3.1 System Requirements

- Available PCI Express x16 slot on the motherboard.
- Compatible operating system (e.g., Windows 7/8/10, Linux).
- Minimum power supply unit (PSU) with adequate wattage (refer to NVIDIA's official specifications for detailed requirements).

3.2 Hardware Installation

1. **Power Off:** Completely power down your computer and unplug it from the wall outlet.
2. **Open Case:** Remove the side panel of your computer case to access the motherboard.
3. **Locate Slot:** Identify an available PCI Express x16 slot.
4. **Remove Cover:** Remove the metal slot cover from the back of the computer case corresponding to the chosen PCIe slot.
5. **Insert Card:** Carefully align the graphics card with the PCIe slot and press it firmly until it is securely seated. Ensure the retention clip (if present) locks into place.

6. **Secure Card:** Secure the graphics card to the computer case with a screw or the case's locking mechanism.
7. **Close Case:** Replace the computer case side panel.
8. **Connect Displays:** Connect your monitor(s) to the DVI or DisplayPort outputs on the graphics card.

3.3 Driver Installation

After booting your computer, install the latest graphics drivers. It is recommended to download the most current drivers directly from the official NVIDIA website ([nvidia.com/drivers](https://www.nvidia.com/drivers)) for optimal performance and compatibility.

4. OPERATING THE GRAPHICS CARD

4.1 Connecting Displays

The Quadro K2200 supports multiple displays. Connect your monitors using the available DVI and DisplayPort outputs. Adapters may be required for other display types (e.g., HDMI, VGA).

4.2 Display Configuration

Once drivers are installed, use your operating system's display settings or the NVIDIA Control Panel to configure display resolutions, refresh rates, and multi-monitor setups (e.g., extended desktop, duplicate displays).

5. MAINTENANCE

5.1 Cleaning

To ensure optimal cooling and longevity, periodically clean the graphics card's fan and heatsink. Use compressed air to gently remove dust buildup. Ensure the computer is powered off and unplugged before cleaning.

5.2 Driver Updates

Regularly check the NVIDIA website for driver updates. Keeping your drivers current ensures compatibility with the latest software, provides performance improvements, and addresses potential issues.

6. TROUBLESHOOTING

6.1 No Display Output

- Verify that all display cables are securely connected to both the graphics card and the monitor.
- Ensure the graphics card is fully seated in its PCI Express slot.
- Check that your monitor is set to the correct input source.
- Test with a different display cable or monitor if possible.

6.2 Driver Issues

- If experiencing display artifacts or system instability, try reinstalling the graphics drivers. Use NVIDIA's clean installation option.
- Ensure you have downloaded the correct driver version for your operating system and the Quadro K2200.

6.3 Performance Problems

- Monitor the graphics card temperature to ensure it is not overheating. Excessive heat can lead to performance throttling.
- Ensure your system meets the recommended specifications for the applications you are running.

- Update to the latest graphics drivers.

7. SPECIFICATIONS

Feature	Specification
Graphics Coprocessor	NVIDIA Quadro
Memory	4 GB GDDR5
Memory Speed	2 GHz
Max Screen Resolution	2560x1600
Video Output Interface	DVI, DisplayPort
Item Model Number	6782620
Item Weight	10.6 ounces
Product Dimensions (LxWxH)	13.39 x 7.09 x 3.54 inches
Manufacturer	PNY

8. WARRANTY INFORMATION

This PNY NVIDIA Quadro K2200 graphics card is covered by a manufacturer's warranty. For detailed information regarding warranty terms, conditions, and duration, please refer to the official PNY website or the warranty documentation included with your purchase. Keep your proof of purchase for warranty claims.

9. SUPPORT

For technical assistance, driver downloads, frequently asked questions, or further product information, please visit the official PNY support website:

[PNY Support Website](#)

You may also find helpful resources on the NVIDIA official website for Quadro products.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question