

HEWLETT PACKARD DL489A

HP DL489A Nvidia Quadro FX 1100 Graphics Card User Manual

Model: DL489A | Brand: HEWLETT PACKARD

INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of the HP DL489A Nvidia Quadro FX 1100 128MB DDR II SDRAM AGP 8x Graphics Card. Please read this manual thoroughly before installation and use to ensure proper functionality and to prevent damage.

SAFETY INFORMATION

Always observe the following safety precautions:

- Ensure your computer is powered off and unplugged from the wall outlet before installing or removing the graphics card.
- Discharge any static electricity from your body by touching a grounded metal object before handling the card.
- Handle the graphics card by its edges to avoid touching sensitive components.
- Do not expose the card to moisture or extreme temperatures.

SETUP AND INSTALLATION

Follow these steps to install the HP DL489A Nvidia Quadro FX 1100 graphics card into your computer system.

1. Prepare Your System

1. Power off your computer and disconnect all cables, including the power cord.
2. Open the computer case. Refer to your computer's manual for specific instructions on how to open the case.
3. Locate an available AGP 8x slot on your motherboard.

2. Install the Graphics Card

4. Carefully align the graphics card with the AGP slot.
5. Press down firmly and evenly on both ends of the card until it is securely seated in the slot. You may hear a click if

your slot has a locking mechanism.

6. Secure the card with a screw to the computer chassis, if applicable.



Image: The HP DL489A Nvidia Quadro FX 1100 Graphics Card. This image shows the physical card, highlighting its AGP connector and cooling solution, ready for installation into a compatible motherboard slot.

3. Close and Connect

7. Close the computer case.
8. Reconnect all cables, including the power cord, monitor cables (DVI), and any peripherals.
9. Power on your computer.

4. Driver Installation

After the operating system loads, it may automatically detect the new hardware. If not, you will need to install the appropriate drivers. Drivers for the Nvidia Quadro FX 1100 can typically be found on the official Nvidia website or HP support website. Follow the on-screen instructions provided by the driver installer.

OPERATING THE GRAPHICS CARD

Once installed and drivers are configured, the HP DL489A graphics card will manage your system's display output. It supports dual DVI-D monitors.

Display Configuration

To configure your display settings, including resolution, refresh rate, and multiple monitor setups:

- **Windows:** Right-click on the desktop and select "Display settings" or "NVIDIA Control Panel."
- **Linux:** Use your desktop environment's display settings utility or the NVIDIA X Server Settings application.

The card supports resolutions up to 1920x1200 per DVI output.

MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your graphics card.

- **Dust Removal:** Periodically open your computer case and gently clean dust from the graphics card's heatsink and fan using compressed air. Ensure the fan does not spin rapidly during cleaning.
- **Driver Updates:** Keep your graphics drivers updated. Check the official Nvidia or HP websites for the latest compatible drivers.
- **Temperature Monitoring:** Monitor the card's temperature, especially during heavy use, using system monitoring software. Ensure adequate airflow within your computer case.

TROUBLESHOOTING

This section addresses common issues you might encounter.

No Display Output

- Ensure the monitor cables are securely connected to both the graphics card and the monitor.
- Verify the monitor is powered on and set to the correct input source.
- Check if the graphics card is fully seated in the AGP slot.
- Try connecting the monitor to the motherboard's integrated graphics (if available) to rule out other system issues.

Driver Installation Issues

- Download drivers only from official Nvidia or HP support websites.
- Ensure you are downloading the correct drivers for your operating system and the Quadro FX 1100.
- Uninstall any previous graphics drivers before attempting a new installation.

System Instability or Crashes

- Ensure your power supply unit (PSU) meets the minimum requirements for your system, including the graphics card.
- Check for overheating. Clean dust from the card's fan and heatsink.
- Verify that the graphics drivers are up to date and correctly installed.

SPECIFICATIONS

Key technical specifications for the HP DL489A Nvidia Quadro FX 1100 Graphics Card:

Feature	Detail
Model Number	DL489A
Graphics Processor	Nvidia Quadro FX 1100
Memory Size	128 MB
Memory Type	DDR II SDRAM
Interface	AGP 8x
Output Ports	Dual DVI-D
Product Dimensions	12 x 9 x 3 inches
Item Weight	2 pounds

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation provided with your original computer system or contact Hewlett Packard customer support directly. Specific warranty terms may vary based on region and purchase date.

HP Support Website: <https://www.hp.com/support>



