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> [ASUS EAH5670/DI/1GD5 ATI Radeon HD 5670 1GB GDDR5 Video Card User Manual](#)

ASUS EAH5670/DI/1GD5

ASUS EAH5670/DI/1GD5 ATI Radeon HD 5670 1GB GDDR5 Video Card User Manual

Model: EAH5670/DI/1GD5

INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, maintenance, and troubleshooting of your ASUS EAH5670/DI/1GD5 ATI Radeon HD 5670 1GB GDDR5 Video Card. Please read this manual thoroughly before proceeding with installation to ensure proper functionality and to prevent damage to your system components.



An overhead view of the ASUS EAH5670/DI/1GD5 ATI Radeon HD 5670 graphics card, showing the red PCB, black fan shroud with ASUS logo, and various ports including DVI and VGA.

SETUP AND INSTALLATION

1. Pre-Installation Checklist

- Ensure your computer's power supply unit (PSU) meets the minimum wattage requirements for the graphics card and your existing components.
- Verify that your motherboard has an available PCI Express x16 slot.
- Back up any important data before beginning the installation process.
- Gather necessary tools: Phillips head screwdriver, anti-static wrist strap (recommended).

2. Physical Installation

1. **Power Off and Disconnect:** Shut down your computer completely and unplug the power cord from the wall outlet.
2. **Open Computer Case:** Remove the side panel of your computer case to access the motherboard.

3. **Locate PCI Express Slot:** Identify an empty PCI Express x16 slot on your motherboard. Remove any metal slot covers from the back of the case corresponding to the slot.
4. **Insert Graphics Card:** Carefully align the graphics card with the PCI Express slot. Press down firmly and evenly until the card is fully seated in the slot. A click may be heard as it locks into place.
5. **Secure Card:** Secure the graphics card to the computer case using the screw or latch mechanism provided by your case.
6. **Close Case:** Replace the side panel of your computer case.
7. **Reconnect Power:** Plug the power cord back into the wall outlet and turn on your computer.

3. Driver Installation

After physical installation, the operating system may install a generic driver. For optimal performance, it is crucial to install the official drivers.

1. **Download Drivers:** Visit the official ASUS support website or AMD's official website (for ATI Radeon drivers) and navigate to the support section for the EAH5670/DI/1GD5 model. Download the latest stable graphics drivers compatible with your operating system.
2. **Install Drivers:** Run the downloaded driver installer. Follow the on-screen prompts to complete the installation. It is often recommended to perform a "clean installation" if available, which removes previous driver versions.
3. **Restart Computer:** After the driver installation is complete, restart your computer for the changes to take effect.

OPERATING THE GRAPHICS CARD

Display Connection

The ASUS EAH5670/DI/1GD5 supports multiple display outputs. Connect your monitor(s) to the available ports on the graphics card (e.g., DVI, VGA). Ensure your display cables are securely connected.

Software Utilities

Once drivers are installed, you can access the AMD Radeon Software (or Catalyst Control Center for older drivers) to configure display settings, adjust performance profiles, and monitor GPU status. This utility provides advanced control over your graphics card's features.

MAINTENANCE

Cleaning

Regular cleaning helps maintain optimal performance and extends the lifespan of your graphics card.

- **Dust Removal:** Periodically (e.g., every 6-12 months), power off your computer and use compressed air to gently blow dust out of the graphics card's fan and heatsink fins. Hold the fan blades to prevent them from spinning rapidly during cleaning.
- **Case Airflow:** Ensure your computer case has adequate airflow to prevent dust buildup and maintain lower operating temperatures.

Driver Updates

Check the official ASUS or AMD website periodically for updated drivers. Newer drivers often include performance improvements, bug fixes, and compatibility enhancements for new software and games.

TROUBLESHOOTING

If you encounter issues with your graphics card, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No display output	Card not seated correctly, incorrect display input selected on monitor, faulty cable.	Reseat the graphics card. Check monitor input settings. Try a different display cable. Ensure monitor is powered on.
Driver installation failure	Corrupted download, conflicting old drivers, incompatible OS.	Redownload drivers. Use a driver uninstaller utility (e.g., DDU) to remove old drivers before reinstalling. Verify OS compatibility.
Poor performance in applications/games	Outdated drivers, overheating, insufficient system resources.	Update to the latest drivers. Ensure proper case airflow and clean the card. Close unnecessary background applications. Check system requirements for the application.
System crashes or freezes	Overheating, unstable overclock, driver issues, insufficient power.	Monitor GPU temperatures. Reset any overclock settings. Reinstall drivers. Verify PSU wattage.

SPECIFICATIONS

Key technical specifications for the ASUS EAH5670/DI/1GD5 ATI Radeon HD 5670 1GB GDDR5 Video Card:

Graphics Coprocessor: ATI Radeon HD 5670

Video Memory: 1GB GDDR5

GPU Clock Speed: 775 MHz

Video Output Interface: DVI, VGA (as shown in product image)

Bus Standard: PCI Express x16

DirectX Support: Full support for Microsoft DirectX 11

OpenGL Support: OpenGL 3.2

Approximate Package Dimensions: 12.13 x 8.82 x 2.36 inches

Approximate Package Weight: 3.35 pounds

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official ASUS website or contact ASUS customer service. Keep your proof of purchase for warranty claims.

ASUS Official Website: <https://www.asus.com/support/>



[ASUS Graphics Card Installation and Driver Setup Guide](#)

Comprehensive guide for installing ASUS Graphics Cards, connecting displays, and setting up drivers. Includes safety information and support links.



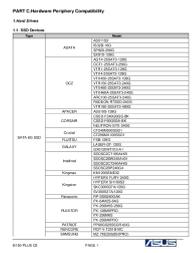
[ASUS GeForce RTX 5060 Ti DUAL OC Бейнекартасы Pайдалану нұсқаулығы](#)

ASUS GeForce RTX 5060 Ti DUAL OC бейнекартасы үшін толық пайдалану нұсқаулығы, техникалық сипаттамалары, орнату, пайдалану және жою туралы ақпаратты қамтиды.



[ASUS ROG XG Station 2 Quick Start Guide](#)

A quick start guide for the ASUS ROG XG Station 2, detailing installation, specifications, and safety precautions for enhancing notebook PC graphics performance.



[ASUS B150-PLUS D3 Hardware Periphery Compatibility List](#)

Comprehensive compatibility list for the ASUS B150-PLUS D3 motherboard, detailing supported hardware peripherals including SSDs, HDDs, power supplies, audio devices, graphics cards, networking components, and more.



[ASUS Graphics Card Warranty Information](#)

Official warranty information and terms for ASUS Graphics Cards, covering warranty period, service, exclusions, and customer responsibilities.



[ASUS Graphics Card Installation and Setup Guide](#)

A comprehensive guide for installing and setting up ASUS graphics cards, including hardware installation, display connection, and driver installation.