

# Instructions for updating VGA, updating graphics card driver to optimize performance

Updating VGA helps improve display performance, optimize gaming experience and graphics work. This article guides you through the simple process of updating graphics card drivers from NVIDIA, AMD and Intel.

Instructions for updating VGA drivers for NVIDIA, AMD, Intel graphics cards. Quickly optimize display performance on your computer.

## Why do I need to update VGA regularly?

- Improve graphics performance, reduce lag when playing games.
- Fix display errors, compatible with new software.
- Secure the system, avoid security holes related to GPU.

## How to identify graphics card on computer

### 1. Check VGA information using Device Manager

- Press **Win + X** => Select **Device Manager** .
- Expand the **Display adapters** section to see the graphics card name.

### 2. Use the DirectX Diagnostic Tool command

Press **Win + R**, type **dxdiag** , select **Display** to see VGA information.

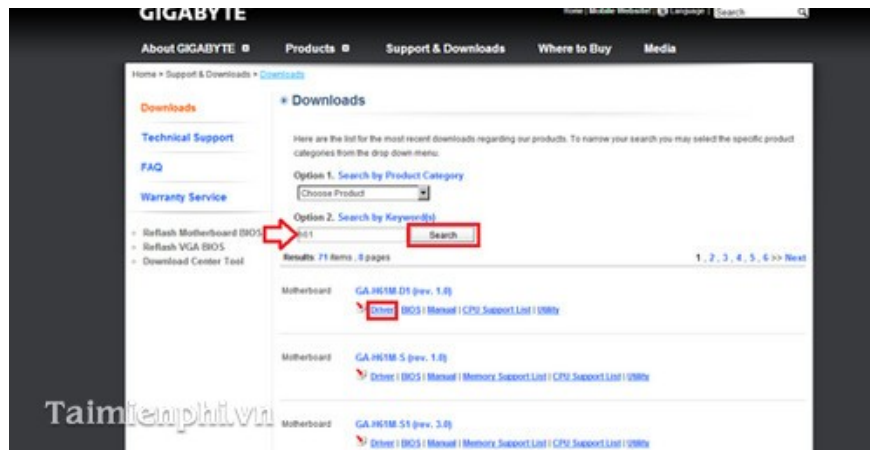
## Steps to update computer graphics card

*Step 1* : First you have to determine the name of your motherboard. You can open the case to see. For example, below is the motherboard of my computer, named **Gigabyte H61M**



Step 2 : Then you go to the corresponding mainboard driver download page. You can search with the keyword **Driver mainboard X** where **X** is the name of your mainboard manufacturer. In my case it is **GIGABYTE**.

After accessing the mainboard driver download page, type in your mainboard name and press the **Search** button, then a list will appear, click on **the Driver** corresponding to your mainboard. My mainboard is **H61**.



After clicking on it, a new page appears. In the **Choose your OS section**, select your operating system version. Then a new list appears, scroll down to find **Intel VGA Driver**. There, click on **Asia** to download.

VGA	Version	Size	Date	Download Here
Intel VGA Driver	6.14.10.5398	13.29 MB	2012/02/22	<a href="#">Asia</a> <a href="#">China</a> <a href="#">America</a> <a href="#">Europe</a> Europe(Russia) - <a href="#">FTP</a> / <a href="#">Http</a>

*Step 3* : After downloading and unzipping, you will get the **Winxp** folder containing the Intel card driver. Open it and click on **Setup**

File Edit View Favorites Tools Help

Back Search Folders

Address C:\Documents and Settings\Garena\Desktop\winxp

**File and Folder Tasks**

- Make a new folder
- Publish this folder to the Web
- Share this folder

**Other Places**

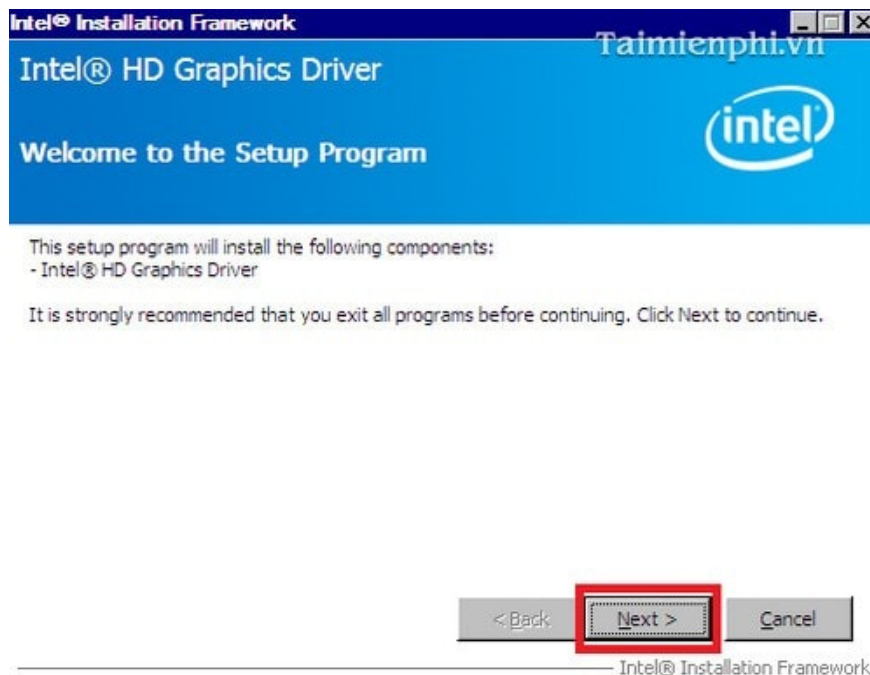
- Desktop
- My Documents
- Shared Documents
- My Computer
- My Network Places

**Details**

**winxp**  
File Folder  
Date Modified: 22 February, 2012, 16:00

Graphics bxHDMI  
Lang autorun Setup Information 1 KB  
DIFxAPI.dll 2.1.0.0 Driver Install Frameworks for A... mup XML Document 9 KB  
readme Text Document 78 KB Setup Intel(R) HD Graphics installer Intel Corporation  
Setup #2 IF2 File 30 KB

Click on it to open the installer. Just click **Next** and the program will install itself for you.



Updating to the latest VGA driver helps optimize display performance and fix graphics errors on the system. If you are not sure about the correct driver version, use the automatic graphics card driver update tool to ensure compatibility. This helps minimize the risk of installation errors and keeps the VGA graphics card stable and running at its best performance.

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