

4 Most Effective Ways to Check if Your Video Card is Running or Not

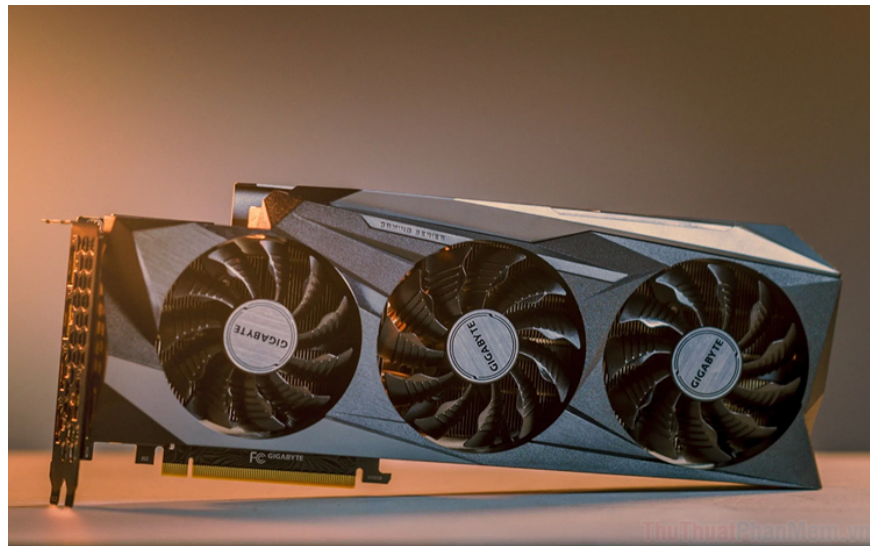
4 Most effective and detailed ways to check if the video card is running or not from A to Z. Why should you check the laptop video card?

The video card is an indispensable component of every laptop. This software helps process information about images and videos, so that the computer can be smoother and more vivid. So how to **check if the video card is running or not**, or how to check how the video card works. The following article will help you answer those questions.

What is a video card?

To find out how to check if **the video card** is running or not, let's find out what a video card is! Video cards (VGA) are used to process image information, videos, resolutions. Currently on the market there are 2 types of VGA: onboard cards and separate cards.

Depending on the needs and the machine model, all types of computers are equipped with graphics cards from basic to high-end. VGA is a hardware that can determine the speed of the machine. The higher the graphics card, the faster the data processing speed and vice versa. However, high-end graphics cards also have high prices, so balance your needs and budget to choose the most suitable graphics card.



Why should you check if the video card is running?

To check if the video card is running or not, let's find out why we should check the video card!

1. You can understand the parameters from **VGA** and determine the tasks that can be performed such as gaming and design.
2. Check if the video card is working properly to fix any problems that may arise.
3. Install drivers and update operating system.

4 ways to check if the video card is running or not?

View live on desktop

The first way to check the video card on Windows 10 is to view it directly on the desktop screen, which is on the Windows 10 Taskbar.

Right-click on the Desktop screen > The names of the graphics card manufacturers in the computer will appear.

To know the name of the video card line, you can see it in Task Manager using the taskbar on the desktop:

- Step 1: Right-click on the Taskbar > Click Task Manager.

- Step 2: Task Manager will appear > Click on Performance > Scroll down to the GPU section to check the type of graphics card in the machine and the performance of the graphics card.

How to check video card with DirectX Diagnostic Tool

Step 1: Press the Windows + R key combination to open the RUN dialog box, then type "dxdiag" and then press OK. If a message appears, press Yes.

Step 2: The DirectX Diagnostic Tool window appears, switch to the Display tab to see the graphics card parameters and card capacity.

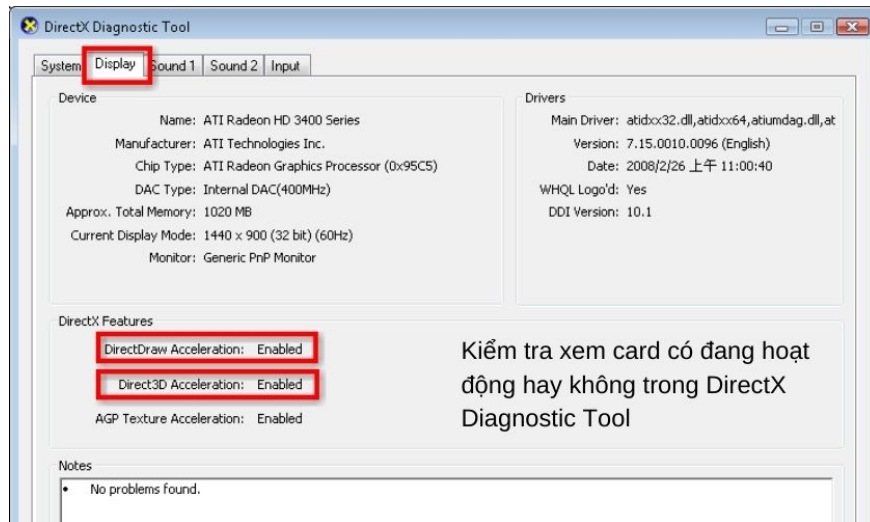
There are 2 cases here:

If the computer has 1 video card

1. The Card parameters will appear in the Display tab (usually the Intel(R) HD Graphics card.)
2. The card shows information like ATI, AMD, NVIDIA, which means the computer has a separate graphics card.

If the computer runs 2 video cards in parallel. There will be 2 Display tabs.

1. Tab Display 1 will display the onboard video card.
2. Display 2 tab will show the discrete graphics card.



Check video card with GPU-Z

In addition to checking whether the video card is working or not through DirectX Diagnostic Tool and desktop, everyone can apply GPU-Z software to check VGA. You can follow these steps:

Step 1: Download and install GPU-Z software on your computer.

Step 2: Switch to the Graphics Card and Sensor tab to check the VGA parameters on the computer.

Step 3: Parameters such as VGA name, capacity and speed in graphics card, will appear. As for Sensor, you will know if the card is working, used memory.

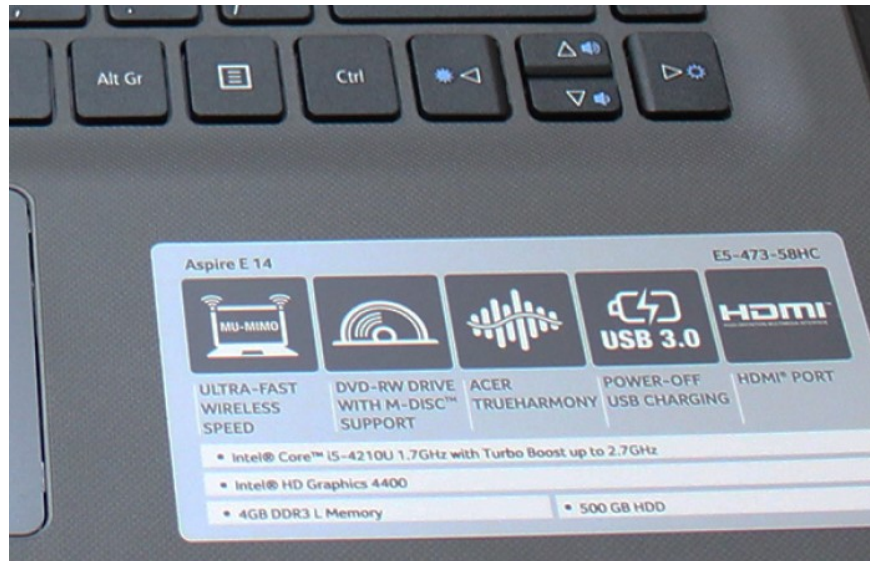
Check video card with CPU-Z

Similar to GPU-Z, CPU-Z is also a software that helps you easily check your computer configuration, including video card parameters.

Check laptop video card

View card information directly on laptop case

Nowadays, many new **laptop** models have common parameters about the chip and graphics card that are always pasted directly on the case so that users can easily know the basic configuration. You can find these parameters usually located in the right or left corner of the laptop.



Check laptop video card with software

Similar to PC, you can also check laptop graphics card with software like CPU-Z, GPU-Z or Windows 10, 11 system software like Task Manager, DirectX Diagnostic Tool.

Check laptop video card according to manufacturer's specifications

You can also check your laptop's video card by visiting your laptop manufacturer's homepage, typing in the product code or serial number to find the product code, then looking up the configuration on the manufacturer's homepage.

Check Macbook video card

Click on the apple icon on the left side of the MacBook screen and select 'About this Mac'. A full information panel will appear, including operating system, model, processor, and RAM capacity.

In this window, select the 'Displays' tab to see all information about the screen such as resolution, size, and video card of the device.

Conclude:

Hopefully, the above method of checking whether the video card is working or not will help you use and maintain your video card effectively. You can contact TipsMake hotline **19001903** for advice and support.

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