

Instructions on how to view the video card on Windows in the simplest way

We will show you how to view the video card on the Windows operating system in the simplest way that anyone can do. Let's take a look at the instructions below!

Nowadays, not only gamers but also many computer users like to buy their own components such as RAM, CPU, etc. to assemble their own PC. Among them, VGA is indispensable, a component that helps process frame quality to make images more vivid. In today's article, TipsMake will show you how to view the video card on the Windows operating system in the simplest way that anyone can do. Let's take a look at the instructions below!

Reasons to check the video card

Checking your computer's video card not only helps you know the type of card you're using. In addition, when checking whether the VGA on the device is working, you will also get some other useful information including:

1. Parameters from the video card being used determine the tasks the device can undertake such as gaming and graphic design.
2. Check whether the VGA operating status is stable and promptly fix any problems that occur.
3. Install drivers and update the operating system for the computer.

Picture 1 of Instructions on how to view the video card on Windows in the simplest way

Currently, there are many different ways to support users in checking the video card for their computer. To learn more, let's take a look at the specific instructions below.

How to view the video card using DirectX Diagnostic Tool

In case you use the device but notice that the operating system does not recognize VGA. Please use DirectX Diagnostic Tool software to check if the device's VGA is working normally. The steps you need to do are as follows:

Step 1: Press the **Windows + R** key combination to open the **Run** window on your computer.

Picture 2 of Instructions on how to view the video card on Windows in the simplest way

Step 2: In the **Open** box, enter the **dxdiag** command in the **Open** box > Click **OK** > Continue to click **Yes** if the information appears.

Picture 3 of Instructions on how to view the video card on Windows in the simplest way

Step 3: In the DirectX Diagnostic Tool window , click on the Display Tab to check the VGA information.

Picture 4 of Instructions on how to view the video card on Windows in the simplest way

In the Display window of the DirectX Diagnostic Tool software , messages will appear such as:

1. In case the device's VGA is faulty or not working, everyone will receive information in the note section below.
2. In case the video card is still operating normally, in the **DirectX Features** section , the information will appear **Enable** .

Picture 5 of Instructions on how to view the video card on Windows in the simplest way

Note: In the card name (Name) section, if the information displayed is **ATI, AMD, NVIDIA** are discrete VGA types. Most devices only run onboard video cards. If it is a separate video card, it will only display when the device is running heavy applications.

How to view the video card using Device Manager

The second way we want to introduce is to use the Device Manager device manager to view the video card on the Windows operating system.

1. **Step 1: Press the Windows key + X** key combination at the same time > Click to select **Device Manager** .

Picture 6 of Instructions on how to view the video card on Windows in the simplest way

1. **Step 2:** Double-click on **Display adapters** , the video card will display below this section.

Picture 7 of Instructions on how to view the video card on Windows in the simplest way

1. **Step 3:** Right-click on the displayed **video card name** > **Click to select Properties** .
2. **Step 4:** An information panel about the video card will be displayed with content such as: Video card name, VGA operating status and driver, etc. You just need to check the above information to understand the status. status of the video card.

Check directly on Desktop

The desktop on your computer can also provide basic information about the video card you are using. To view the video card directly on the Desktop, right-click any empty space on the desktop to see the video card in use. Please click to see detailed parameters.

Picture 8 of Instructions on how to view the video card on Windows in the simplest way

Tested with GPU-Z software

In addition to the above ways to see if the VGA video card is working or not, people can also apply **GPU -Z** software to test VGA. GPU -Z will help display full information about model, GPU, product code, processing speed and even the ability to detect real or fake NVIDIA cards. To proceed you need to perform the following steps:

1. **Step 1:** Download and install GPU – Z software on the computer.
2. **Step 2:** Access the software interface > Go to the **Graphics Card** and **Sensor** tab to check the video card parameters on the computer.
3. **Step 3:** Parameters such as: VGA name, capacity and speed in Graphics Card, etc. will be displayed. For Sensor, you will receive information about whether VGA is working or not, used memory, etc.

Through the software, users can also know information such as: strong or weak video card, onboard card or separate card,. as well as see the exact parameters of VGA including: Memory Type, Memory Size, Bus Width, Bandwidth,. The higher the Memory index, means the video card operates with optimal performance, processes images at high speed and the computer operates stably.

Picture 9 of Instructions on how to view the video card on Windows in the simplest way

Epilogue

Above are some instructions on how to view the video card on the Windows operating system in the simplest way that we want to introduce in today's article. Hopefully the article content will bring readers useful information and wish you success. Thank you for following our articles.

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