

How to check VRAM capacity on Windows 11

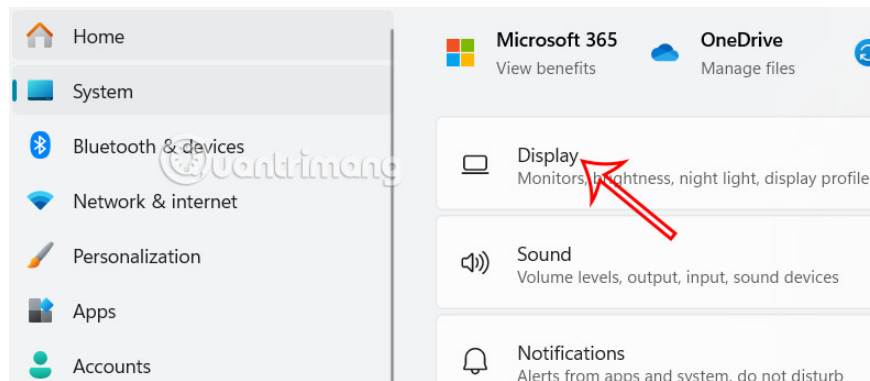
The amount of VRAM on your computer will also affect the quality and speed of graphics output, especially when you play games or use intensive design applications.

VRAM is the memory on the GPU, used to store images, videos and other data needed to display on the screen. In addition, the VRAM capacity on the computer will also affect the quality and speed of graphics output, especially when you play games, or use intensive design applications. Below are instructions on how to check VRAM capacity.

Check VRAM capacity in Settings

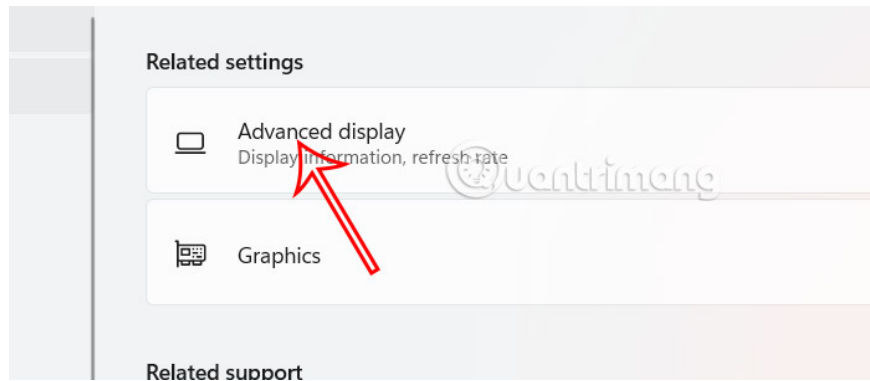
Step 1:

Open **Settings** and click on **System** , select **Display** in the side interface.

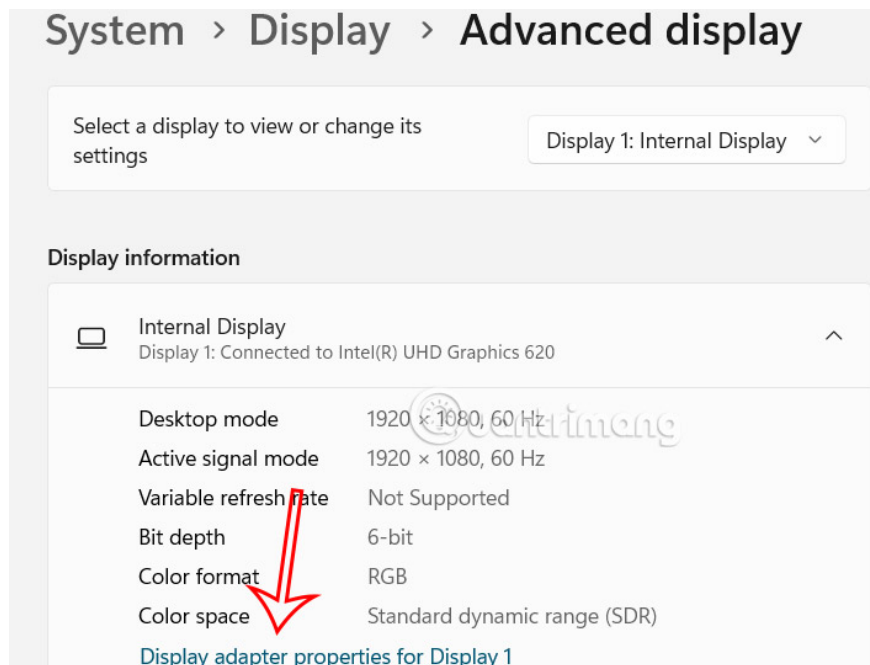


Step 2:

Scroll down and click on **Advanced display** .

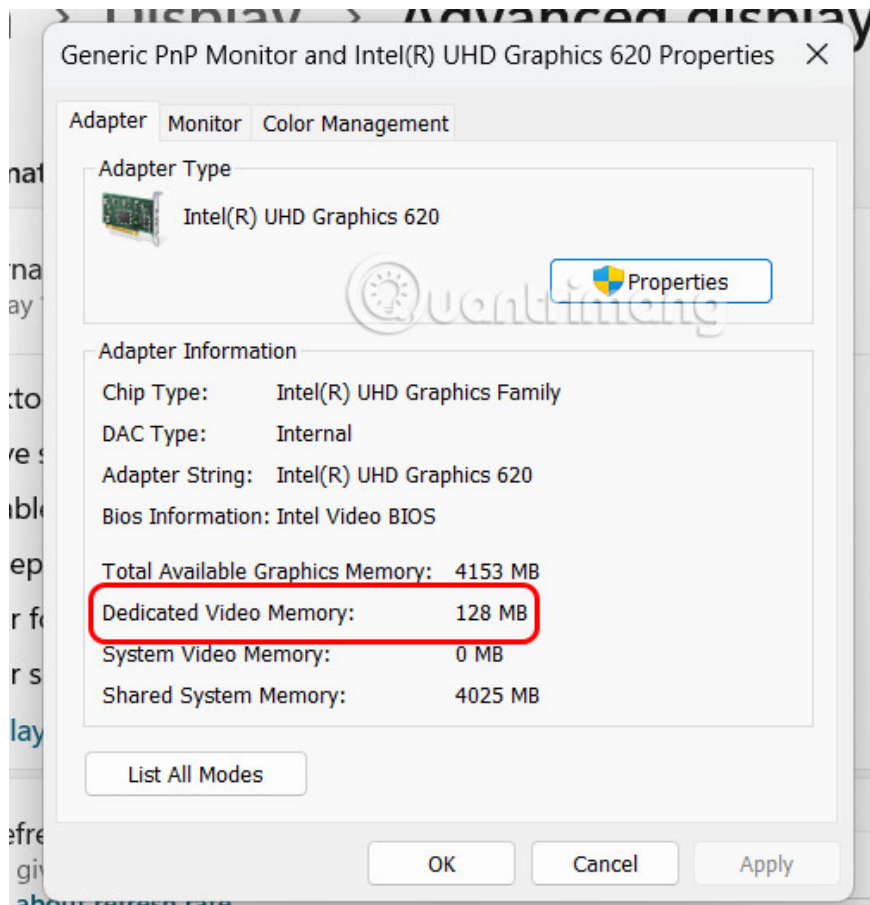


Continue clicking on **Display adapter properties for Display 1** shown below. If there are multiple monitors, select the correct monitor to check.



Step 3:

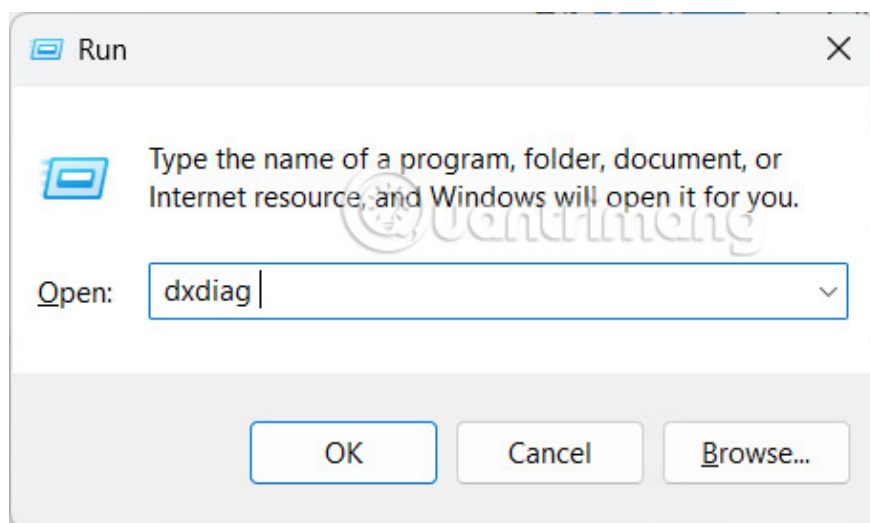
In the display interface, click on **the Adapter tab** and look down at **Dedicated Video Memory**, users will know how much VRAM capacity is in their computer.



Check VRAM capacity via DirectX

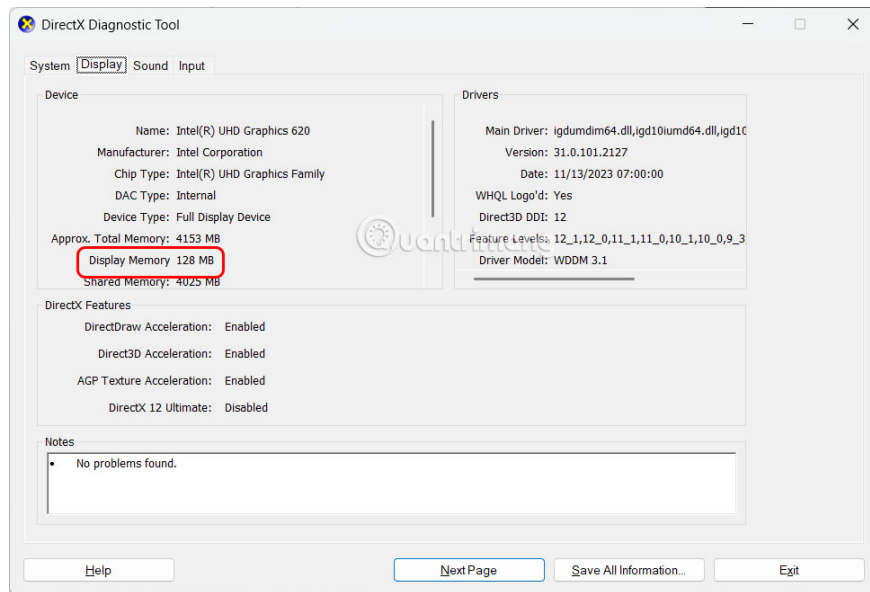
Step 1:

Open the **Run dialog box**, type **dxdiag** and press OK to access **the DirectX Diagnostic Tool**.



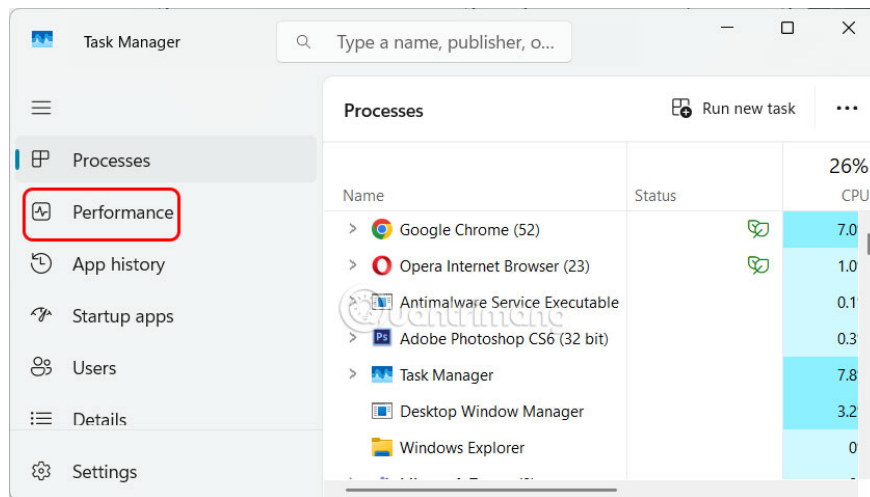
Step 2:

We click on **the Display tab** and look down to find **Display Memory** . This is the amount of VRAM available on your graphics card.

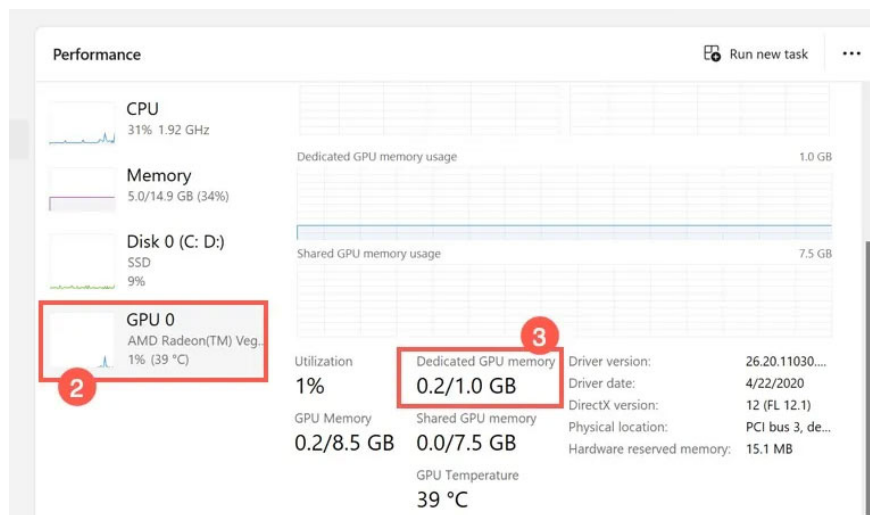


Check VRAM from Task Manager

Right- click on **the Taskbar** and select **Task Manager** . In this new interface, the user selects **Performance** .



Looking at the content next to the GPU graph, we will see the **Dedicated GPU Memory** line, which represents the total VRAM capacity and current usage.



For light games or mainly browsing the Internet, using office applications and watching videos, you only need a maximum of 4GB of VRAM, but if you use it for heavy games or video editing, you need more, maybe 6-8GB or more. If it is not enough, you need to increase the VRAM .

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