
GRAPHICS CARD USER MANUAL

Statement

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About this manual:

This manual is suitable for beginners. Including NVIDIA/AMD product feature introduction, hardware installation and driver software installation introduction. And the explanation of some terms can also be used as technical reference materials.

FCC terms:

For a Class B digital device or peripheral, the instructions furnished the user shall include the following or similar statement, placed in a prominent location in the text of the manual:

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio / TV technician for help.

WARNING:

In order to ensure that this device complies with the above regulations, please make sure that the appearance of this device is intact.

Without explicit consent, users cannot make any changes or modifications to this device.

CSC terms:

According to the Radio Interference Regulation established by the Canadian Department of Communications, this equipment has been comply with the limits for a Class B digital device.

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1. Introduction

1.1. Foreword

Thank you for choosing Maxsun graphics card. The Maxsun graphics card you choose is made of NVIDIA™ / AMD high-performance 3D processor chip. The graphics card combines high-quality video play, high-quality 3D rendering quality, and provides better display and 3D processing effects. This graphics card uses high-quality heat sinks and powerful fans, which can reduce the heat generated by the graphics card during high-speed computing, thereby ensuring that the graphics card works at room temperature to improve the stability of the system. This graphics card is suitable for multimedia applications, 3D games and professional design, bringing high-performance 3D effects to the mainstream PC. Provide better solution for PC users and professional users, is a full range of ultra-high-quality 2D / 3D graphics card.

1.2. Product packaging

When you get a complete set of Maxsun graphics card, the following accessories should be included in the box:

- A Maxsun graphics card
- A quick installation manual (some models only)
- A warranty card
- Others

1.3. Driver

Please get the latest driver from Maxsun official website, NVIDIA official website or AMD official website, subject to the information on the website.

1.4. Graphics system requirements

- CPU: Pentium 4, Celeron, AMD Athlon / Sempron or above compatible processor
- Motherboard: PCI-E graphics card requires PCI-Express x16 graphics interface motherboard
- Memory: DDR2 / DDR3 / DDR4 memory (2GB or above)
- Monitor: 17-inch or above monitor
- Operating system: Windows 7/10, 64-bit (some models only support windows

10 1809 and above)

- Additional programs: .NET4.5, Adobe Reader, etc.

2. Graphics card installation

Warning:

This graphics card is composed of many sophisticated integrated circuits and other components, which are easily damaged by static electricity. So please make the following preparations before installation:

1. Make sure the computer is off and power cable unplugged.
2. Make sure that the chassis has enough space to install your graphics card.
3. When handling the graphics card, try not to touch the metal wiring part. It is best to wear anti-static gloves.



PCI-Express x16 interface graphics card

(The pictures are for reference only, the specific graphics card appearance shall prevail)

Attention:

1. If you do not have anti-static gloves when installing, please touch the conductive object to discharge the static electricity in your body first to ensure that your body does not carry static electricity during installation.
2. Do not let other parts of your body hurt the graphics card assembly.
3. If the graphics card is obviously damaged during use, please do not connect the power supply.

2.1. Uninstall existing graphics card

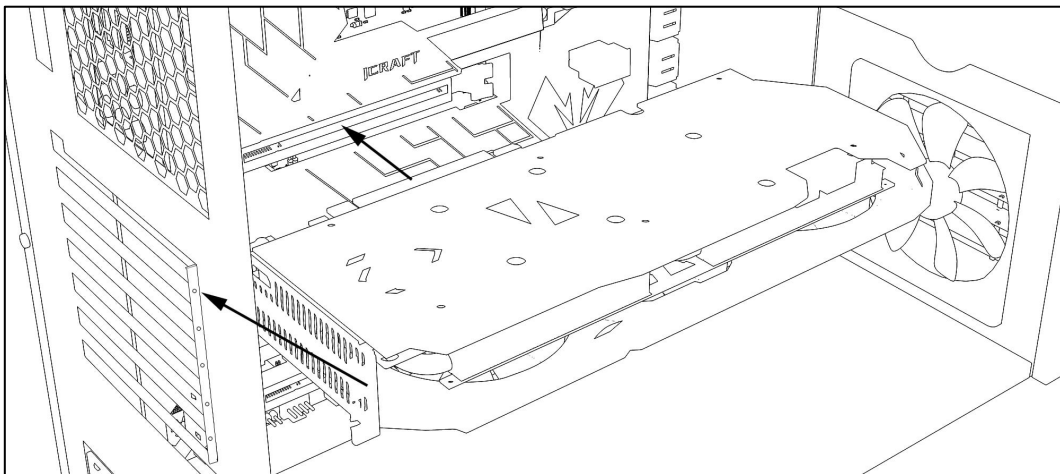
If you are installing a new machine, you can skip this step.

If you are installing an old machine, and the old machine has installed a discrete graphics card, you must uninstall the existing driver before installing the new graphics card.

1. In the Windows operating system, right-click the "Start" button and select "Device Manager". Select your existing graphics card driver in the "Display Adapter" column, and then select "Uninstall Device".
2. Turn off the computer and disconnect the power, open the computer case, and remove the existing graphics card.

2.2. Installing the graphics card

1. Remove the chassis cover.
2. Remove the graphics card from the package.
3. Insert the graphics card into the PCI-Express x16 slot on the motherboard.
Proceed as follows:
 - a) Find the PCI-Express x16 slot to be used, and remove the same number of expansion slot baffles as the metal baffle of the graphics card according to the slot position (if it has been removed, ignore this step);
 - b) Carefully plug the graphics card into PCI-Express x16 slot;
 - c) Fix the metal baffle of the graphics card and the expansion slot of the chassis with screws.



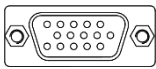
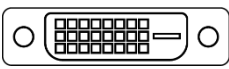
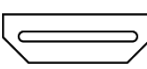
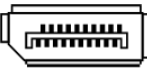
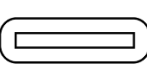
Schematic diagram of graphics card installation

(The pictures are for reference only, specific operations are subject to actual conditions)

*Please make sure that the PCI-E connector of the graphics card is in close contact with the PCI-Express x16 slot of the motherboard.

4. If the graphics card has a 6pin / 8pin external power interface, you need to plug the corresponding 6pin / 8pin power cable in the computer's power supply to the external power interface of the graphics card. (If the graphics card has multiple external power connectors, you need to connect them all)
5. Reinstall the casing of your machine, lock the screws, and connect the display device that supports VGA / DVI / HDMI / DP / Type-C interface transmission to the graphics card through the VGA / DVI / HDMI / DP / Type-C transmission cable. The corresponding interface of the graphics card (graphic card and display device must have corresponding interface, please see the figure below for interface description).
6. Reconnect other devices to the computer correctly (restore the original condition).
7. Reconnect the power cable and start the computer.

Description of graphics card output interface:

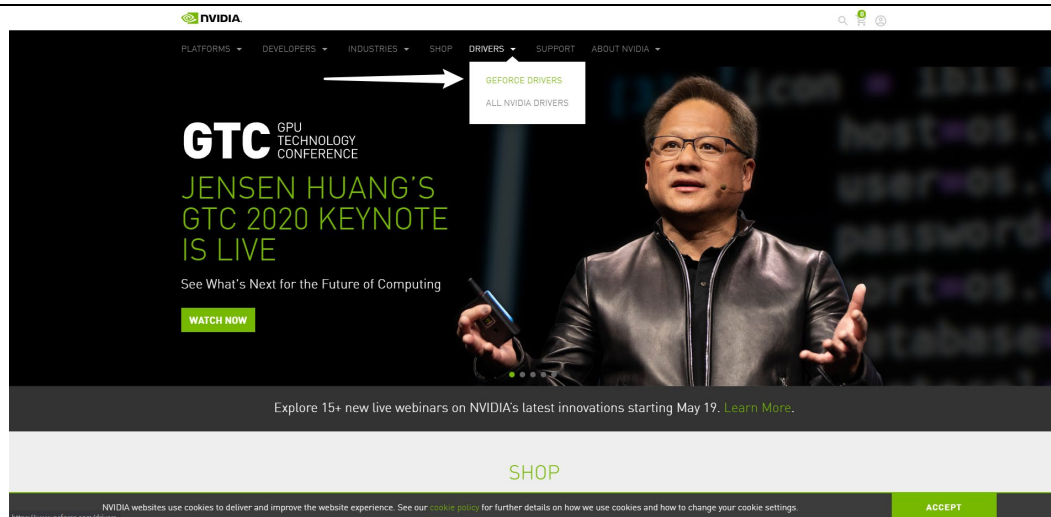
				
VGA	DVI	HDMI	DP	Type-C

Common graphics interface

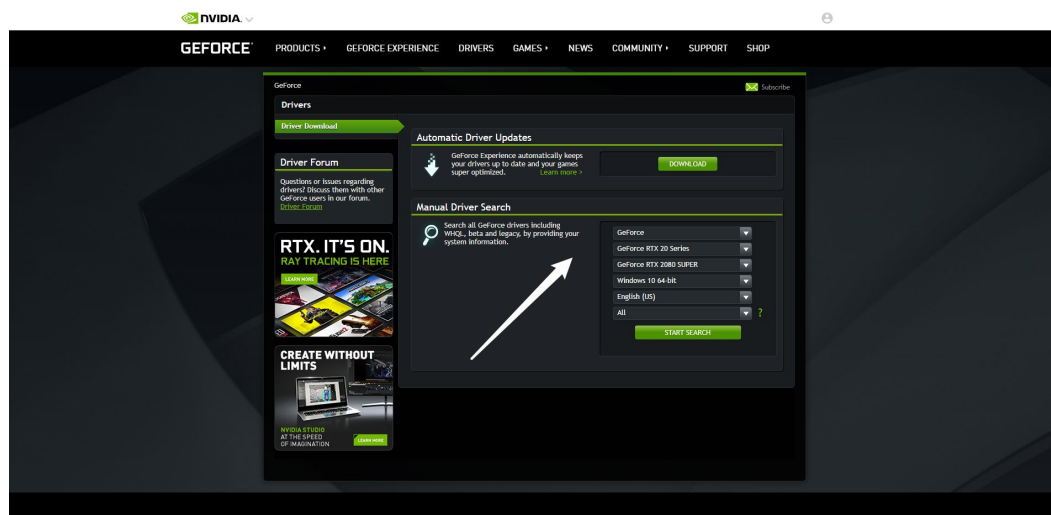
3. Driver installation

3.1. NVIDIA official website graphics card driver download

1. Open a browser and visit <https://www.nvidia.com/en-us/>
2. Click "DRIVERS" and select "GEFORCE DRIVERS" (recommended) or "All NVIDIA DRIVERS" to enter the driver download page. (The following tutorial uses "GEFORCE DRIVERS " as an example)



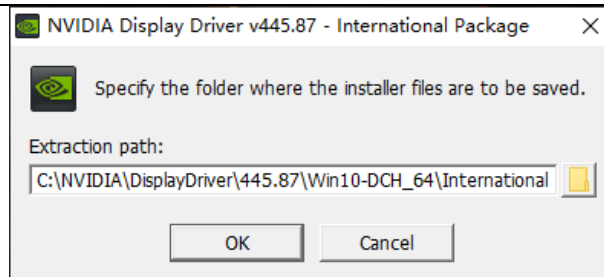
3. After the jump, select the language you want to install based on the graphics card series, model, and your current computer system that you have selected at the "Manual Driver Search".



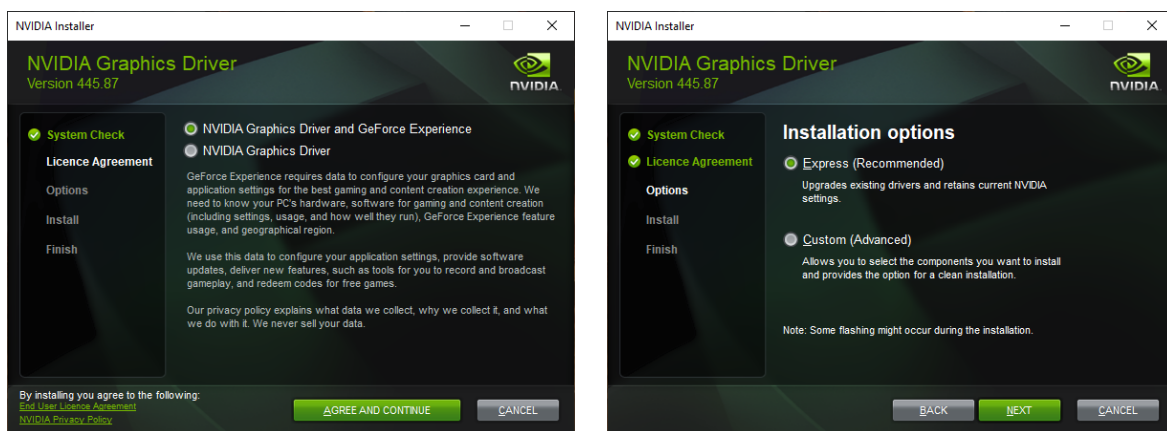
4. After confirming that the model is correct, click "START SEARCH".
5. Click the latest version of the graphics card driver to download, and wait for the download to complete before installing.

3.3. NVIDIA graphics card driver installation

1. After the driver download is complete, open the driver installation program. When the NVIDIA driver decompression interface appears, click the "OK" button. After the decompression is completed, the driver installation interface will pop up automatically.



2. When the NVIDIA Software License Agreement window appears, click "AGREE AND CONTINUE", the following installation options will appear, you can choose "Express (Recommended)" installation or "Custom (Advanced)" installation, it is recommended to select "Express (Recommended)" Installation method and then click "NEXT" to install the driver.

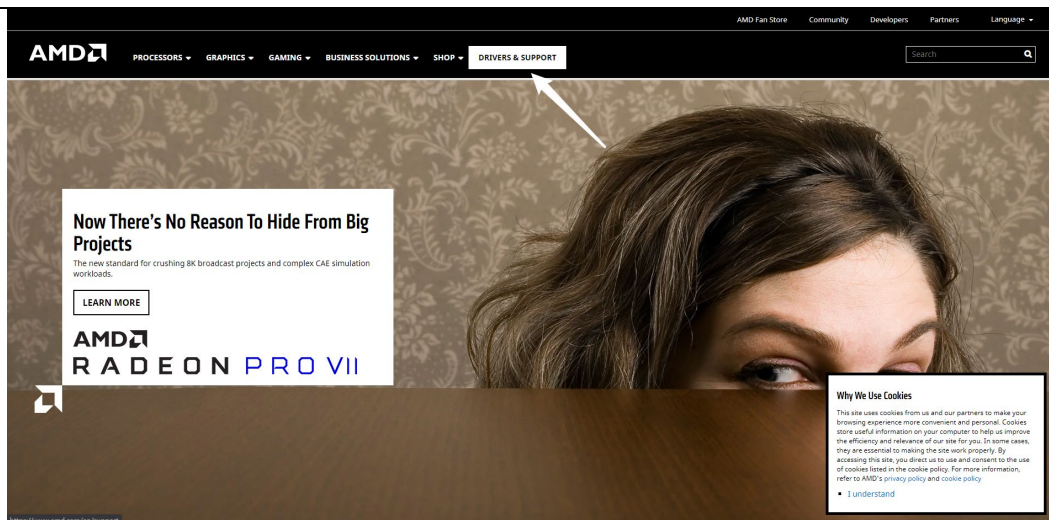


3. When the driver installation is completed, the installation program will appear the following interface, click "CLOSE" to exit the driver installation program. It is recommended to restart the system after the driver is installed to get the best experience.

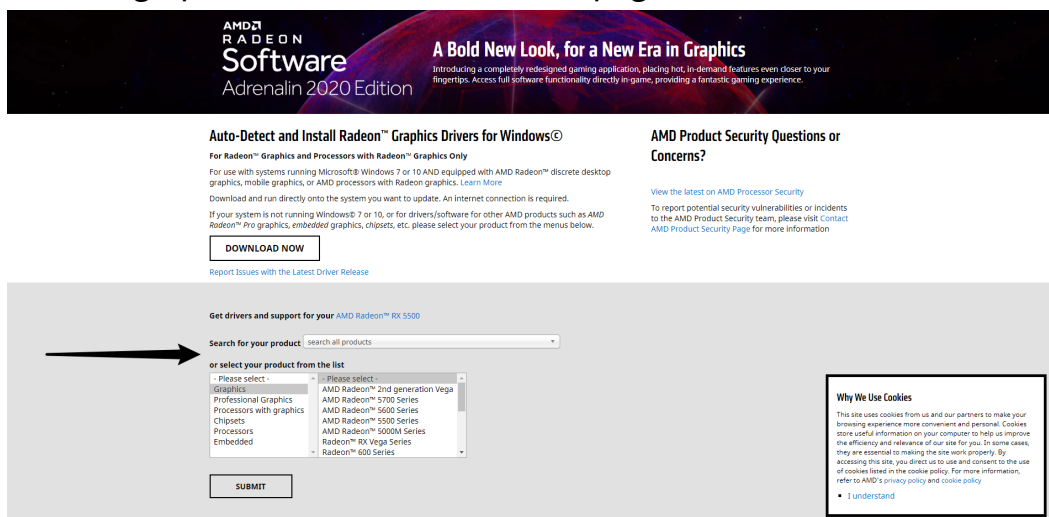


3.4. AMD official website graphics card driver download

1. Open a browser and visit <https://www.amd.com/en/>.
2. Click "DRIVERS & SUPPORT".



3. After the jump, at "Search for your product", search and select according to the graphics card model you purchased, or at "Select your product from the list", select the graphics card series and model you purchased. When finished, click "SUBMIT" to enter the graphics card driver download page.



4. Select your current operating system, click "DOWNLOAD" to download, and wait for the download to complete before installing.

3.5. AMD graphics card driver installation

1. After the driver download is complete, open the driver installation program. When the AMD graphics driver installation interface appears, click the "Install" button and wait for the installation to complete.
2. When you check the "AMD Gaming Evolved App" to install, you need to keep network connection during the installation process. If the network interruption, it will cause a long time unable to complete or the application installation fails. After the driver installation is over, there will be a prompt the situation. After ensuring that other drivers are installed, the graphics card can be used normally. The "AMD

Gaming Evolved App" program will not affect the normal use of the graphics card. Please select the installation on demand.

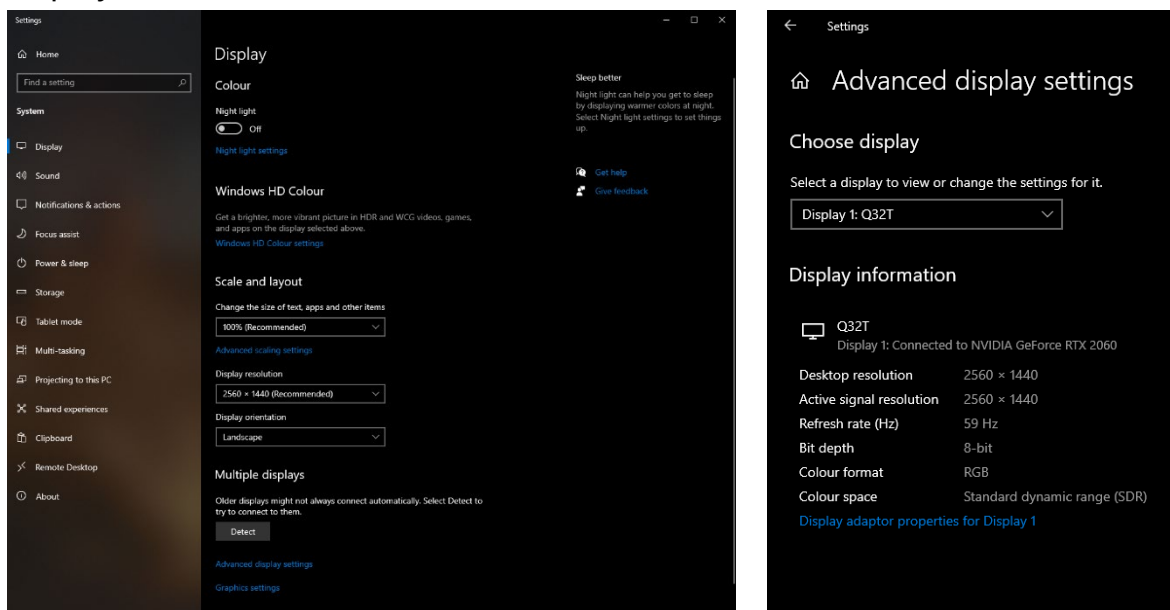
3. After the driver installation is completed, the system may pop up a suggestion to restart the system. It is recommended to restart the system after the driver installation is completed to obtain the best experience.

4. Display settings

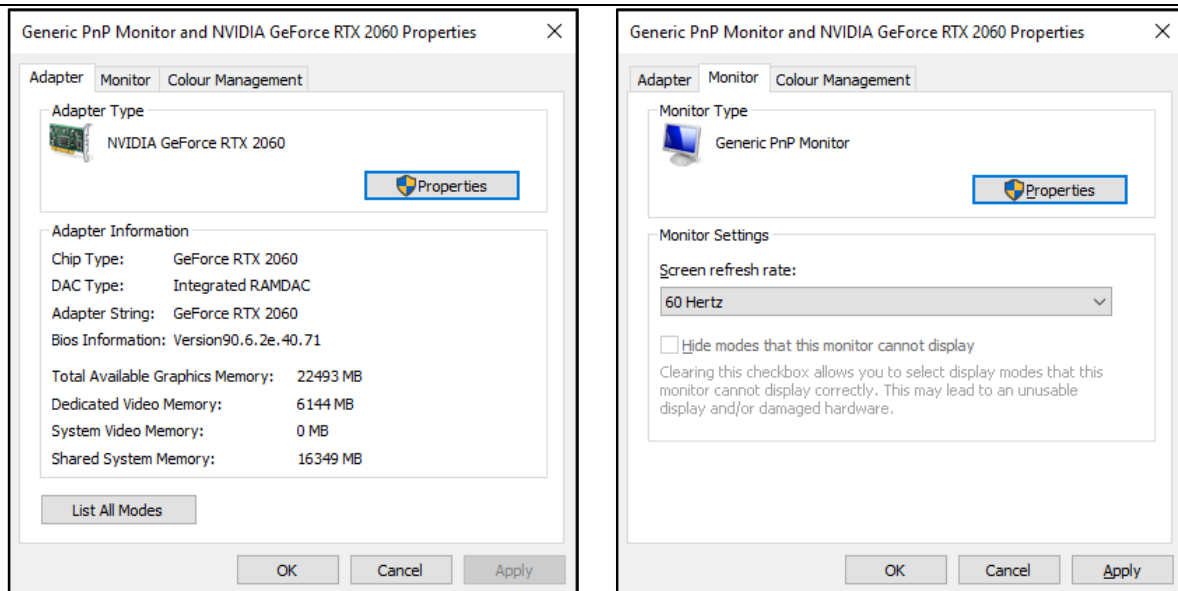
Note: The following graphics card property settings are all explained using Windows 10 in Maxsun NVIDIA RTX 2060 / AMD RX580 as an example. The other system methods are similar, and this description will not be explained in detail.

4.1. System display setting adjustment

1. After the graphics card driver is installed, you can right-click a blank area on the desktop and select "Display settings" to open the system display settings interface. In this interface, you can view the currently used display resolution and display direction. You can change the display resolution, display direction, etc. on this interface. Click "Advanced display settings" at the bottom of the interface to open the advanced display settings, and you will see the information of the current display device.

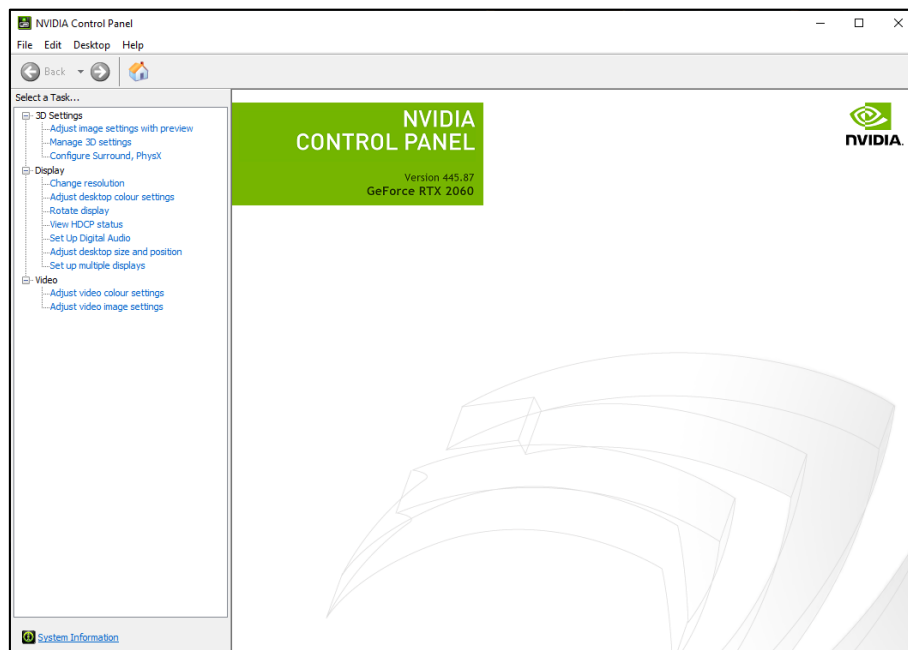


2. Click "Display adapter properties for Display 1" to enter the display device properties interface (if there are multiple displays, the actual one shall prevail). In the display device properties interface, you can view and change the "screen refresh rate".

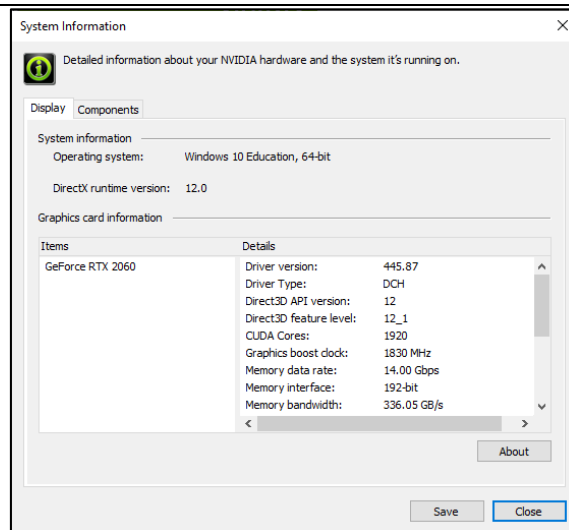


4.2. NVIDIA driver interface description

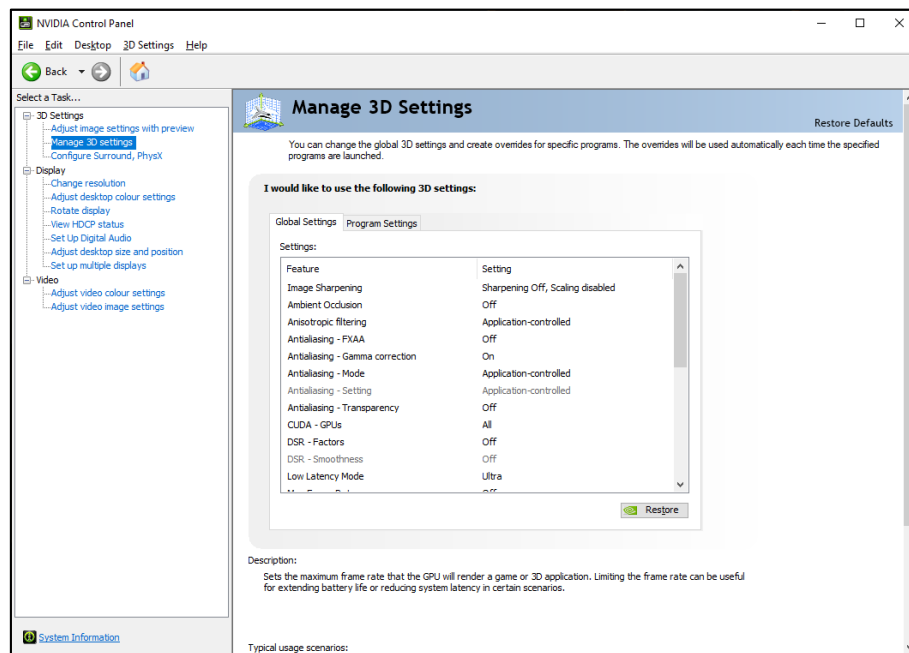
1. After installing the driver for your NVIDIA graphics card, you can right-click an empty space on the desktop and click "NVIDIA Control Panel" to open the NVIDIA Control Panel interface.

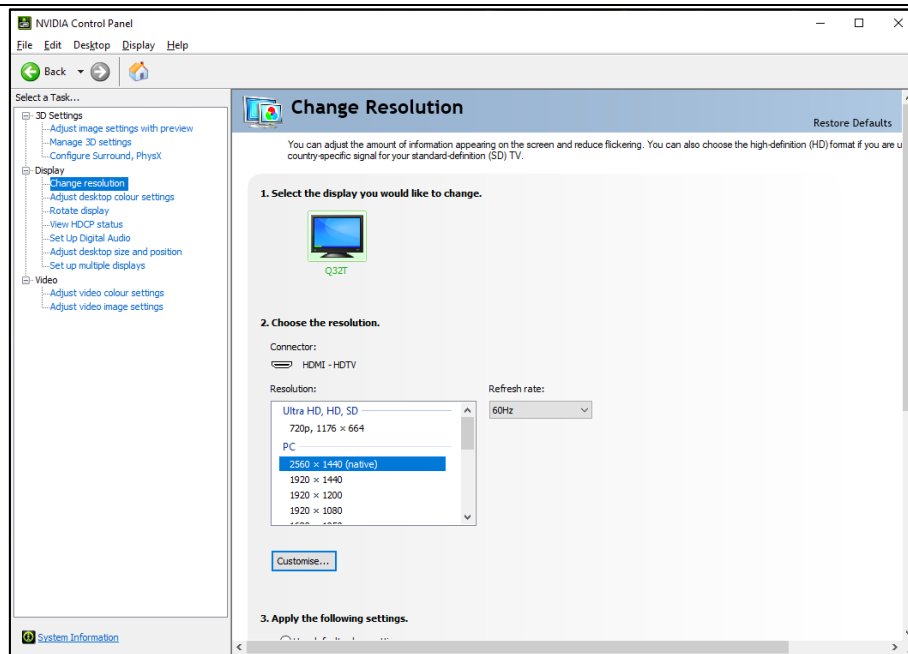


2. Click "System Information" in the lower left corner of the NVIDIA control panel to view information about the current graphics card.



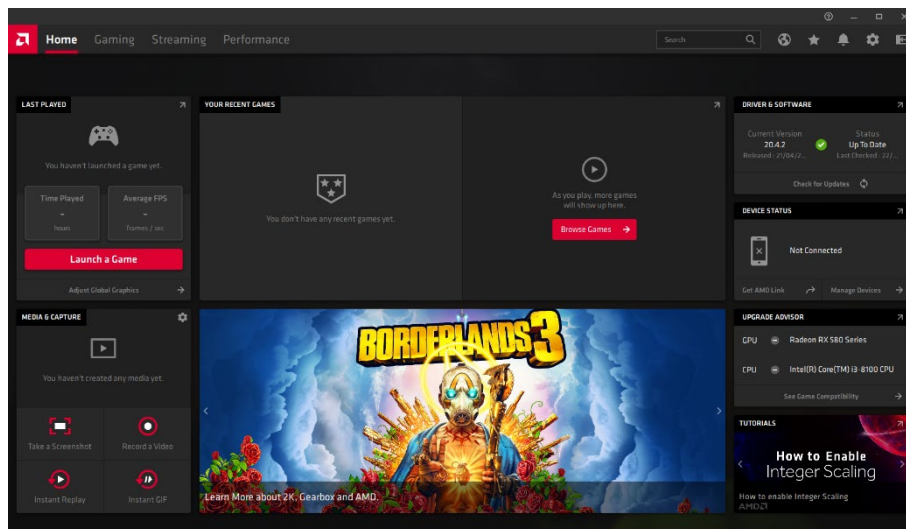
3. Click "Manage 3D Settings" on the left side of the NVIDIA control panel to open the program 3D settings interface. This page can be used for global 3D settings or individual 3D settings by program.



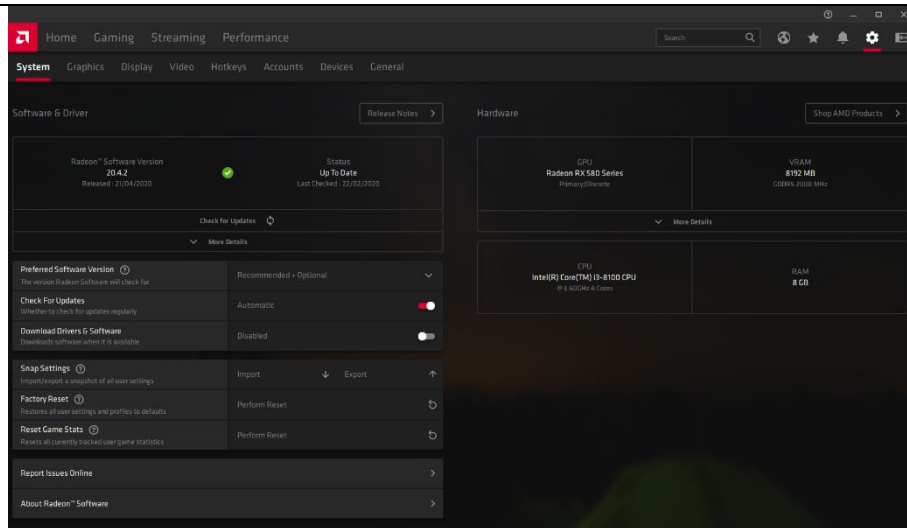


4.3. AMD driver interface description

1. After installing the driver for your AMD graphics card, you can right-click a blank space on the desktop and click "AMD Radeon Software" to open the AMD graphics card settings interface.



2. Click the small setting icon to enter the settings related content and adjust the contents of "System", "Graphics Card", "Monitor" and so on.



3. Click "Game", you can make related settings for the specified program, you can also make global settings.

