[How To] NVIDIA Graphics Driver Clean Install & Update

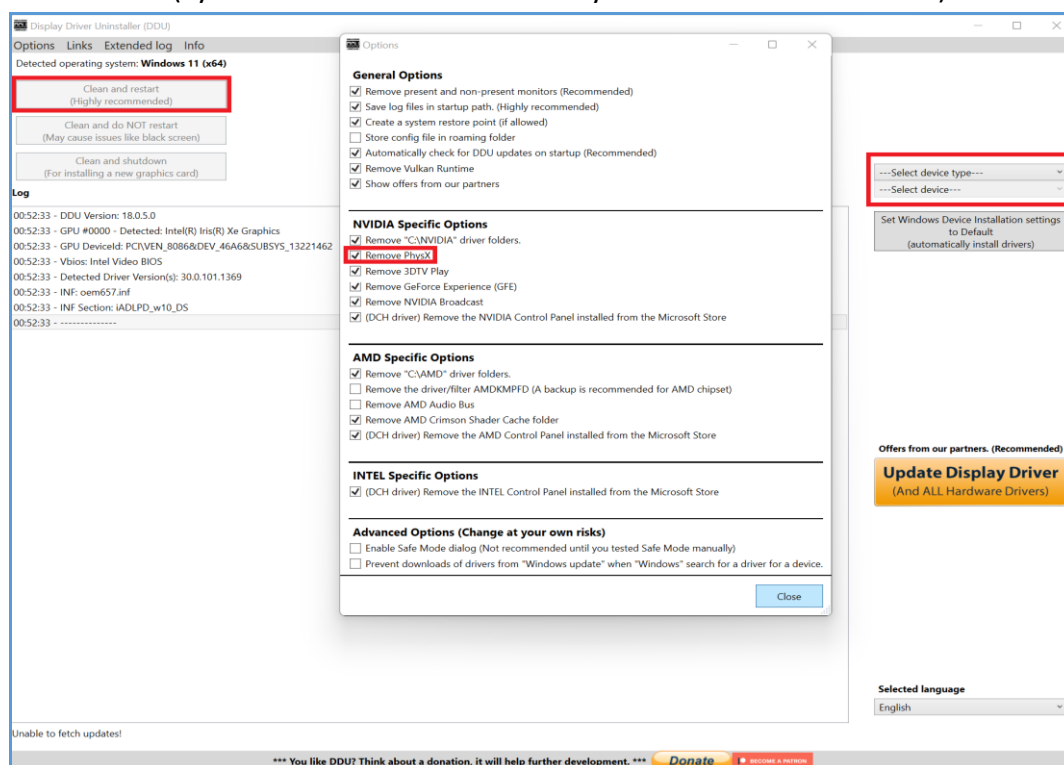Affected Model: MSI notebook with NVIDIA GPU

This guide shows how to completely uninstall NVIDIA graphics driver from the system without leaving old files and settings, and install the latest version via GeForce Experience or MSI website.

Before starting…

* Download and save the DDU file and the corresponding NVIDIA graphics driver.
  (The DDU download link may change without notice, visit Guru3d.com and look for Display Driver Uninstaller)

* Disconnect to the network by removing the LAN cable, or disable the wireless connection.

* Multiple system reboot might be required, please keep the power plugged during the whole update process.

Uninstall Current Driver

1. **Remove the driver by using "DDU (Display Driver Uninstaller)"**
   I.   Perform DDU in "Safe Mode".
   II. The DDU control panel will shows up automatically after system boot into Safe mode.
   III. Select "Remove PhysX" under Options
   IV. Make sure to select the NVIDIA GPU, and click "Clean and restart" to uninstall the driver. (System will reboot automatically after the DDU is finished.)
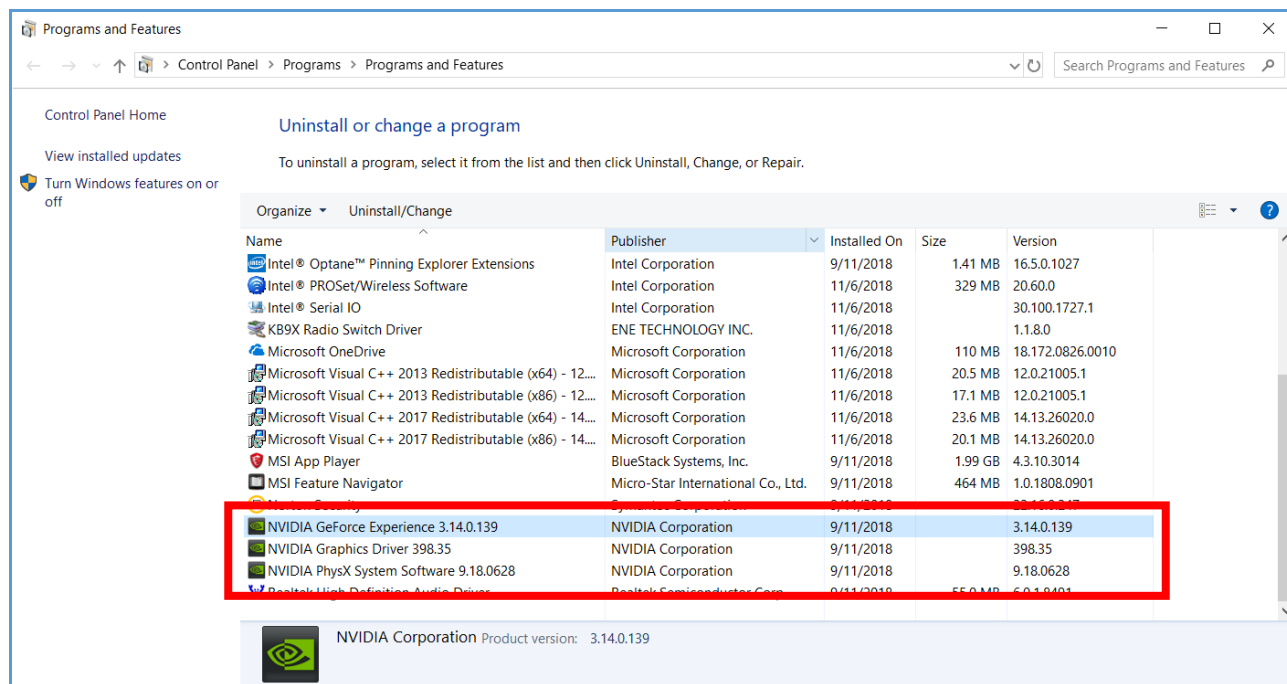

*Figure is for reference only

V. The NVIDIA display adapter should be "Microsoft Basic Display Adapter" in Device Manager since the driver has been removed.

2. **Remove the driver from "Programs & Features"**
   I. Click search on the task bar and type "Control Panel"
   II. Select "Programs" then click "Programs and Features"
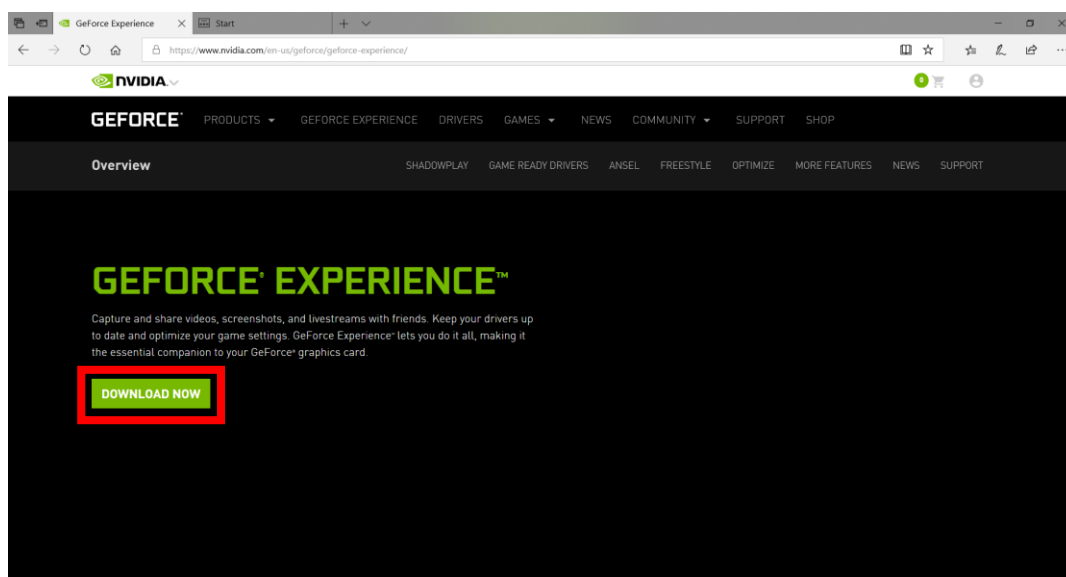   III. Double click on the NVIDIA drivers to manually uninstall each driver one by one.

3. **Remove the driver from "Device Manager"**
   I. Right click on the Windows icon and select "device manager".
   II. Double click on the "Display Adapter"
   III. Double click again on the "NVIDIA graphics"
   IV. Select the "Driver" tab and click "Unisntall the device".
   V. Check "Delete the driver software for this device"
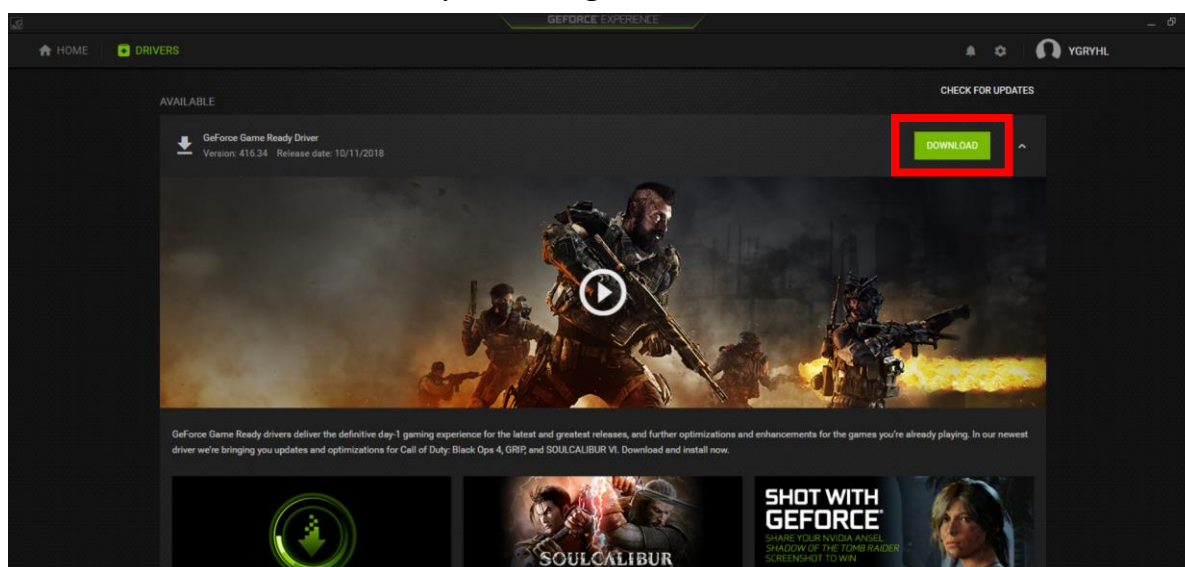   VI. Click Uninstall button to start the uninstallation.

Install & Update NVIDIA Driver

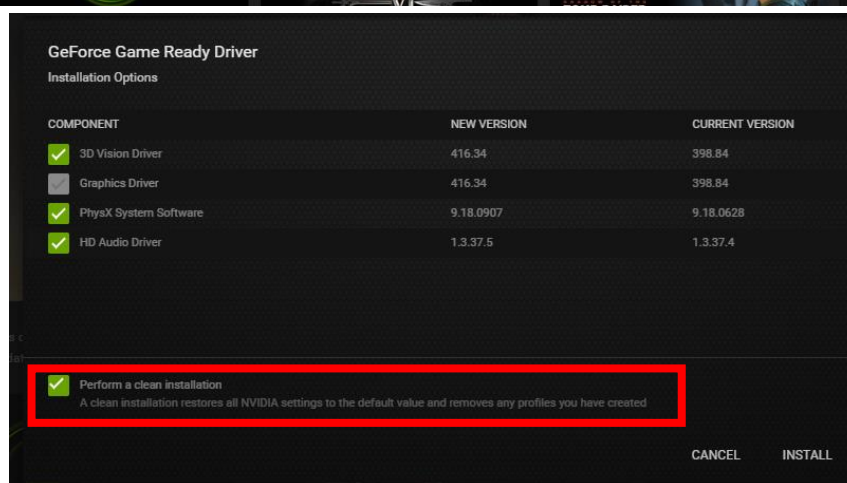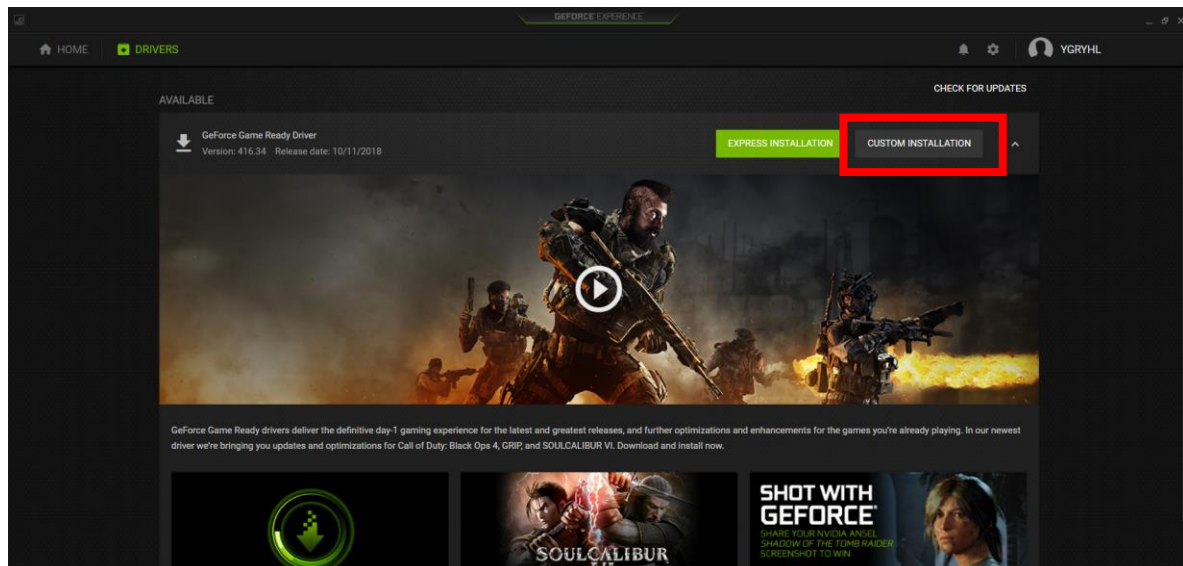1. **Get the driver update from GeForce Experience**
   I. Download/Update the GeForce Experience
      Make sure to have the GeForce Experience version 3.15.0.164 or newer version installed. (Download from NVIDIA website)

II. Download the NVIDIA graphics driver through the GeForce Experience
   After installing the new version of the Geforce Experience, launch the GeForce
   Experience -> Click the "DRIVERS" tab -> Click "DOWNLOAD" to download the
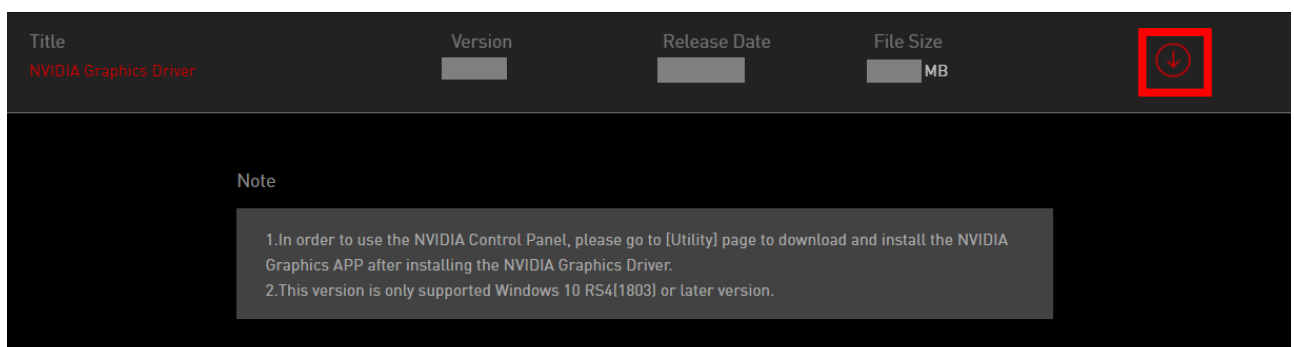   latest GeForce Game Ready Driver again.

III. Install/Update the graphics driver
   After the driver is downloaded, click "CUSTOM INSTALLATION" and make sure
   to select the "Perform a clean installation" check box to update the graphics
   driver.

2. **Get the driver update manually from MSI website**

    I. Download the NVIDIA graphics **driver package** from MSI **Driver** download page.

    II. Donwload the NVIDIA graphics **application package** from MSI **Utility** download page.

III. Extract the file and double click on **Setup.exe** to start the installer.

IV. Follow the on-screen instructions to complete the driver install process.

V. After installing the Driver Package, continue to install the Application Package by extracting the application installer package and double click on the **Setup.exe**.

VI. Select the "**NVIDIA Graphics Driver and GeForce Experience**" option and follow the on-screen instrcutions to complete the installation.