

MSI GTX 1080 GAMING X 8G

BIOS UPDATE GUIDE

OCMode default, GamingMode default

Intro

Purpose

This guide will explain how you can switch the bios on your GTX 1080 GAMING X 8G from GamingMode default to OCMODE default (and vice versa)

Hardware Requirements

This guide is only meant for updating the bios on MSI GTX 1080 GAMING X 8G graphics cards that start with Serial Number: 602-V336-03S.....

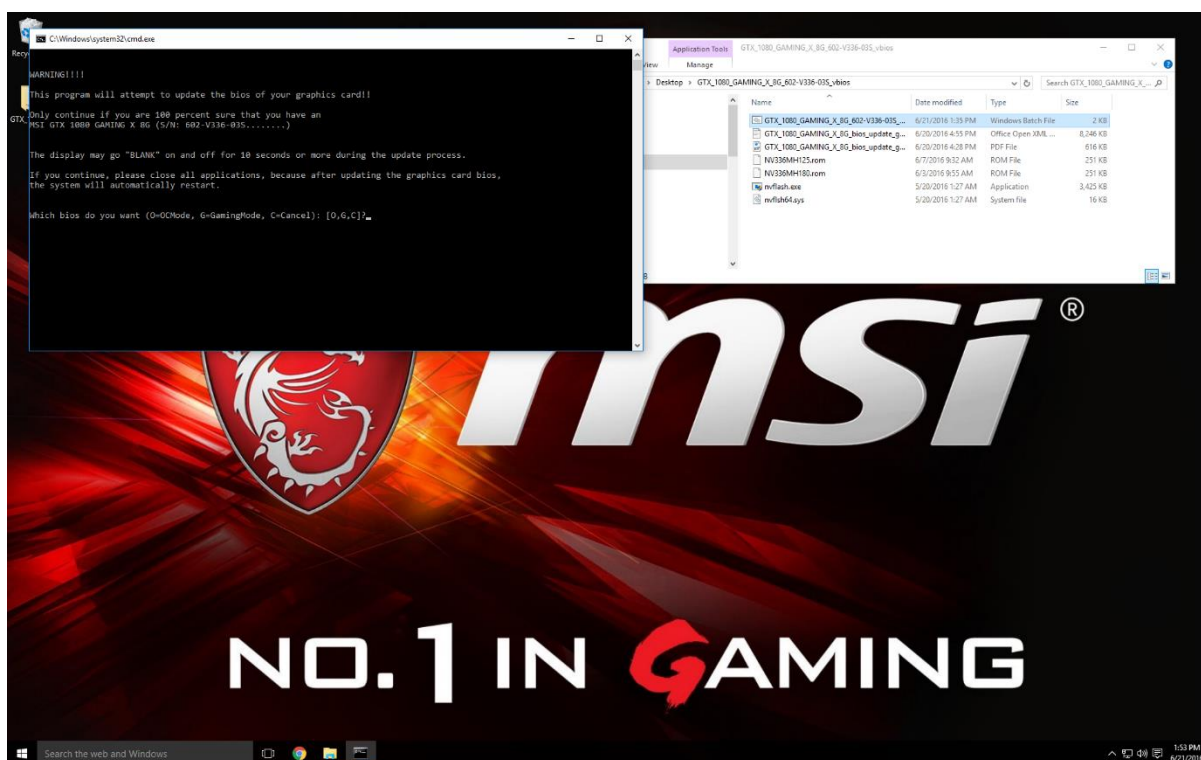


Software Requirements

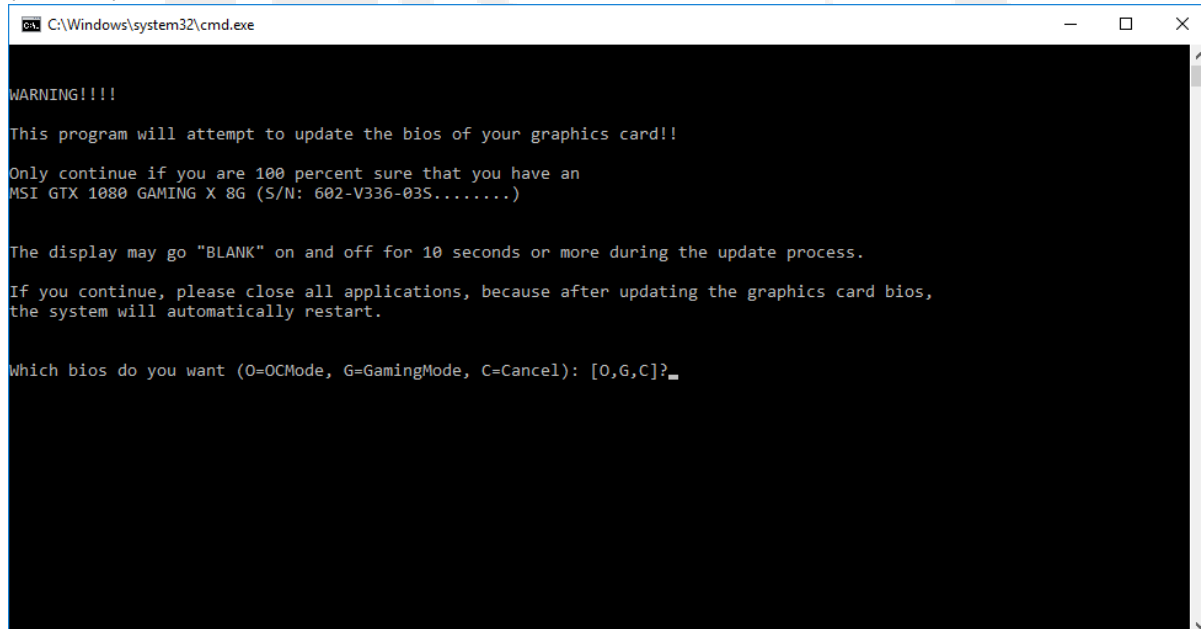
The bios of the MSI GTX 1080 GAMING X 8G graphics card can be updated in 64 bit versions of Windows 7, 8.x and 10.

This guide will assume you have extracted all the files from the zip-file to a folder and run the batch file from that particular folder (running the batch file from within the zip file won't work).

Updating the bios

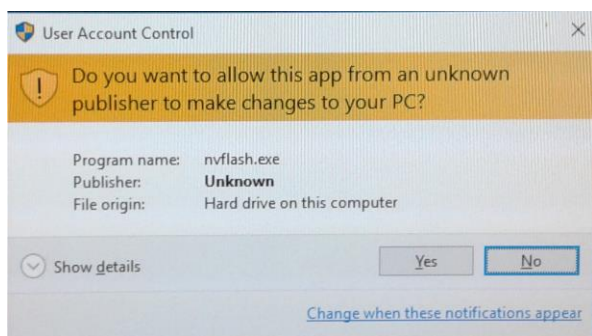


(zoomed in)



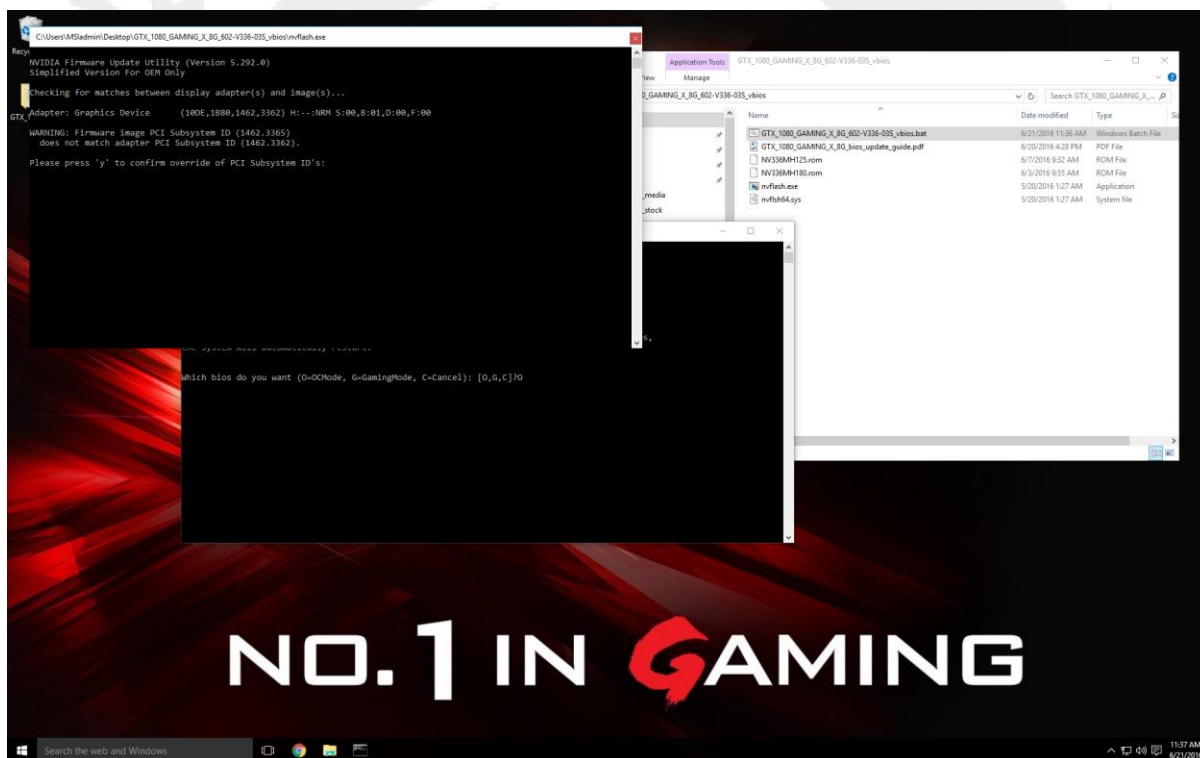
press O for OCMode default bios, press G for GamingMode default bios and press C to Cancel the update process.

The Nvidia Flash utility will be started and asks your permission for execution:

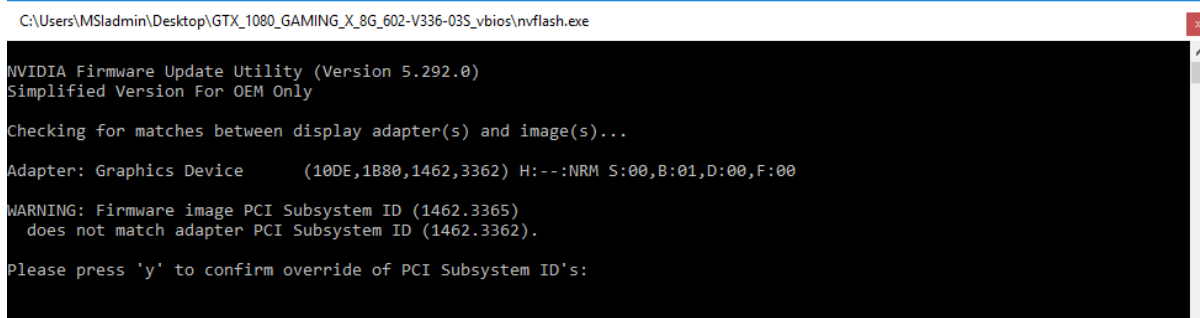


Click Yes to allow the Nvidia flash utility to start in a new Window.

If you switch from a GamingMode bios to an OCMode bios (or the other way around), the flash utility will tell you that the PCI Subsystem ID is different (don't worry this is normal):



(zoomed in)



Press y to proceed.

Graphics card bios will be updated:

```
C:\Users\MSIadmin\Desktop\GTX_1080_GAMING_X_8G_602-V336-035_vbios\nvflash.exe

NVIDIA Firmware Update Utility (Version 5.292.0)
Simplified Version For OEM Only

Checking for matches between display adapter(s) and image(s)...

Adapter: Graphics Device      (10DE,1B80,1462,3362) H:--:NRM S:00,B:01,D:00,F:00

WARNING: Firmware image PCI Subsystem ID (1462.3365)
        does not match adapter PCI Subsystem ID (1462.3362).

Please press 'y' to confirm override of PCI Subsystem ID's:
Overriding PCI subsystem ID mismatch
Current      - Version:86.04.17.00.50 ID:10DE:1B80:1462:3362
               GP104 Board (Normal Board)
Replace with - Version:86.04.17.00.83 ID:10DE:1B80:1462:3365
               GP104 Board (Normal Board)

The display may go *BLANK* on and off for up to 10 seconds or more during the update process depending on your display a
dapter and output device.

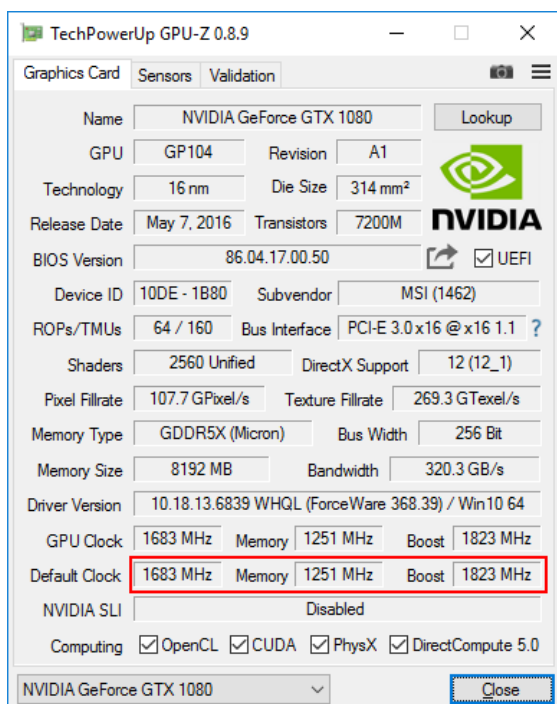
Identifying EEPROM...
EEPROM ID (EF,6013) : WBond W25Q40EW 1.65-1.95V 4096Kx1S, page
Storing updated firmware image...
*****
```

Afterwards system will automatically restart to activate the new bios.

Checking the bios' default mode

In order to check which default mode your bios has you can use [GPU-Z](#).

GTX 1080 GAMING X 8G : Gaming Mode



GTX 1080 GAMING X 8G : OC Mode

