

Knowledge Base Article



How to update the VBIOS on the NVIDIA M2200 Quadro GPU

Summary

This KBA describes how to update the VBIOS on the NVIDIA Quadro M2200 GPU from NVIDIA used in the following products: CoreStation WM640, DXM630, DXP4 (also used in WR3930) and in the unreleased product, CoreStation WFC640.

Before you begin

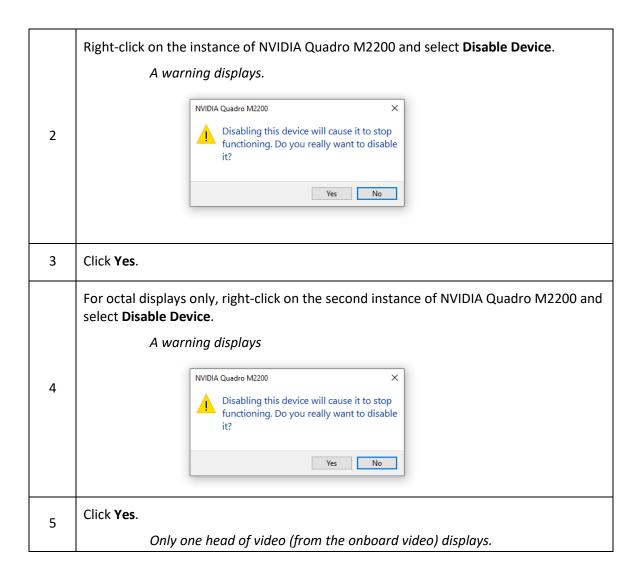
Step	Action	
1	Obtain the executable file for the NVIDIA firmware update tool and make sure it is available on the host machine.	

Disable the display adapter(s)

Note: For Quad-video head displays with one GPU, disable one display adapter. For Octal-video displays with two GPUs, you must disable two display adapters.

Step	Action
1	Open the Device Manager and expand the icon for Display. For Quad displays, the list shows one instance of NVIDIA Quadro M2200. For Octal displays, the list shows two instances of NVIDIA Quadro M2200. Device Manager File Action View Help PC-GOGR3N2 Audio inputs and outputs Computer Display adapters NVIDIA Quadro M2200 NVIDIA Quadro M2200 NVIDIA Quadro M2200







Run the NVIDIA firmware update tool

Step	Action
1	Locate the NVIDIA firmware update tool executable file on the host machine.
2	Right-click on the file and select Run as Administrator . A warning asks if you are sure.
3	Select ' Yes '. The NVIDIA Firmware Update screen appears and shows a warning message.
	NVIDIA Firmware Update Utility Version 5.567.0 Copyright (C) 2018-2019, NVIDIA Corporation. All rights reserved. This utility will attempt to update the NVIDIA GPU firmware. The screen may flicker or go blank during the flashing procedure. If power is lost while flashing, the GPU may be damaged. It is recommended that you save open files and close other applications before proceeding. Do you want to continue? Press 'y' to confirm (any other key to abort):



4 Confirm that you wish to proceed. Press 'y'.

A notification displays the current VBIOS version and the new version that will overwrite the current version.

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NVIDIA Firmware Update

NVIDIA Firmware Update Utility
Version 5.567.0

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The display may go *BLANK* on and off for up to 6 seconds or more during access to the EEPROM depending on your display adapter and output device, it will begin in about 3 seconds.

Firmware Image Version

84.06.7E.00.07

Found display adapter suitable for this update:
Quadro M2200

Device Path: 5:00,8:82,0:00,F:00

Current Firmware Version: 84.06.7C.00.05

CONFIRM: You are about to update the firmware of the display adapter.

Are you sure you want to do this?

Press 'y' to confirm (any other key to abort):
```

5 Confirm that the firmware to be loaded is the correct version. If it is, enter 'y'.

The firmware update begins and when it is completed, a message reports the new firmware value.

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NVIDIA Firmware Update

CONFIRM: You are about to update the firmware of the display adapter.

Are you sure you want to do this?

Press 'y' to confirm (any other key to abort): y

[========] 100 %

Primary image flashing completes.

Update successful.

Firmware image has been updated from version 84.06.7C.00.05 to 84.06.7E.00.07.
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6 For Quad displays (Installations with one NVIDIA M2200 GPU)

The firmware update begins and when it is completed, a message reports the new firmware value and to restart the machine.

For Octal displays (Installations with two NVIDIA M2200 GPUs):

The firmware update tool will ask for confirmation to run again. Confirm that the firmware is correct and enter 'y'.

The firmware update begins and when it is completed, a message reports the new firmware value and to restart the machine.

8 Restart the host to complete the VBIOS firmware update.



Troubleshooting

Note: If the host stops responding after disabling the display adapters and running the firmware update tool – it may be necessary to reboot the host.

Contact us:

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