

Steps

Download

14 days left to download, uploaded here: https://www.mediafire.com/file/cztz4xqj2sru9gj/2011_imac_usb.zip/file

mirror by NOTNICE, thnx: <https://cloud.notnlce.com/index.php/s/xkJP34GD6a9WziE/download>

Prepare USB Drive or SD Card

so, you take a small usb thumb drive, partition it with disk utility on a Mac: GPT + FAT32

and just unzip the files structure onto the drive, no dd or etcher or something. just copy paste it. folder structure see attached screenshot. (you can remove the .roms I downloaded and download itself if you want to be sure about the correct file size. I did not verify them at all. use/flash at your own risk please)

Test & Try

test your thumb drive with a more or less working GPU/ external Screen or just have faith in me

Swap Hardware

swap your GPU to NVIDIA and (!) disconnect every SSD/HDD, makes it easier to boot blindly from one USB or SD Card, connect the ETH Cable (!)

Find IP

let the iMac boot, everything is black, the boot loader is waiting 20s before booting, so give the whole process 1min time, then head over to your Router Page and find the right IP that the iMac got through DHCP

SSH to the iMac

now fire up your terminal on a Win/Mac/Linux Machine of your choice and ssh to your iMac with

ssh root@YOURIP

Password: flash

Confirm the ssh id with yes and you should be in your iMac

Working Directory

cd /lib/live/mount/medium/flash

read the **RADME** in there... I will enjoy my brand new k2000m in my 27" 2011 iMac with Catalina 10.15.3

... and because this is so easy, I rebuild it to a K1100M and flashed that also

(someone could write some fancy scripts but I thought its safer that everyone is doing it command by command and don't stop thinking and trusting some scripts)

Attachments

```
2 root@grml /lib/live/mount/medium/flash # ./nvflash_linux --save ~/k2000m.rom

NVIDIA Firmware Update Utility (Version 5.414.0)
Simplified Version For OEM Only
Adapter: Quadro K2000M (10DE,0FFB,103C,1768) H:--:NRM S:00,B:01,D:00,F:00

Identifying EEPROM...
EEPROM ID (C8,4012) : GD GD25Q20 2.7-3.6V 2048Kx15, page
Reading adapter firmware image...
IFR Data Size      : 936 bytes
IFR CRC32          : 87A3EBF9
IFR Image Size     : 1024 bytes
IFR Image CRC32    : 73418C6E
IFR Subsystem ID   : 103C-1768
Image Size         : 92160 bytes
Version            : 80.07.40.00.02
~CRC32             : 6385A150
Image Hash         : 91D72A624F5C8BF3D9138CD9948D9CF0
Subsystem ID       : 103C-1768
Hierarchy ID       : Normal Board
Chip SKU           : 975
Project            : 2091-0502
CDP                : N/A
Build Date         : 05/25/12
Modification Date  : 05/25/12
UEFI Support       : No
UEFI Version       : N/A
UEFI Variant Id    : N/A ( Unknown )
UEFI Signer(s)     : Unsigned
InfoROM Version    : N/A
InfoROM Backup Exist : NO
License Placeholder : Absent
GPU Mode           : N/A
Saving of image completed.
root@grml /lib/live/mount/medium/flash #
```

[Bildschirmfoto 2020-01-31 um 20.26.46.png](#)

364.9 KB

Views: 1,677

```

S root@grml /lib/live/mount/medium/Flash # ./nvFlash_linux --protectoff

NVIDIA Firmware Update Utility (Version 5.414.0)
Simplified Version For OEM Only
Adapter: Quadro K2000M (100E,0FFB,103C,1768) H:--:NRM S:00,B:01,D:00,F:00

Identifying EEPROM...
EEPROM ID (C8,4012) : GD G025Q20 2.7-3.6V 2048Kx15, page
Setting EEPROM software protect setting...
Remove EEPROM write protect complete.

```

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Bildschirmfoto 2020-01-31 um 20.30.26.png

117.6 KB

Views: 677

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Bildschirmfoto 2020-01-31 um 20.30.47.png

36.4 KB

Views: 645

```

root@grml /lib/live/mount/medium/Flash # ./nvFlash_linux -6 Quadro_Beta1.2/K2000.rom

NVIDIA Firmware Update Utility (Version 5.414.0)
Simplified Version For OEM Only
Checking for matches between display adapter(s) and image(s)...

Adapter: Quadro K2000M (100E,0FFB,103C,1768) H:--:NRM S:00,B:01,D:00,F:00

WARNING: Firmware image PCI Subsystem ID (1028.153E)
does not match adapter PCI Subsystem ID (103C.1768).

Please press 'y' to confirm override of PCI Subsystem ID's: y
Overriding PCI subsystem ID mismatch
Current - Version:80.07.40.00.02 ID:100E:0FFB:103C:1768
GK107 Board - 20010502 (Normal Board)
Replace with - Version:DE.AD.00.BE.EF ID:100E:0FFB:1028:153E
Quadro K2000M by Nick[D]vll (Normal Board)

Update display adapter firmware?
Press 'y' to confirm (any other key to abort): y
Identifying EEPROM...
EEPROM ID (C8,4012) : GD G025Q20 2.7-3.6V 2048Kx15, page
Storing updated firmware image...
.....
Verifying update...
Update successful.

Firmware image has been updated from version 80.07.40.00.02 to DE.AD.00.BE.EF.

A reboot is required for the update to take effect.
./nvflash_linux -6 Quadro_Beta1.2/K2000.rom 52.51s user 2.72s system 76% cpu 1:12.57 total
root@grml /lib/live/mount/medium/Flash #

```

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Bildschirmfoto 2020-01-31 um 20.32.20.png

392.4 KB

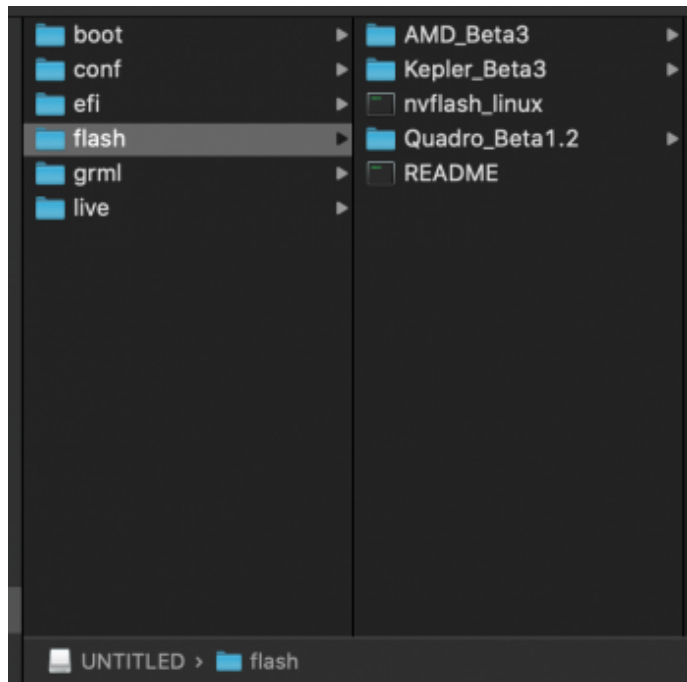
Views: 664



Bildschirmfoto 2020-01-31 um 20.32.55.png

206.4 KB

Views: 663



Bildschirmfoto 2020-01-31 um 21.48.24.png

94.5 KB

Views: 623

Last edited: Jan 31, 2020



• Reactions:

Redlight-Records, Oadbylad, Cristhian Paladinez and 23 others

