Erledigt Lilu/WhateverGreen and Ozmosis - Graphics in Mojave

Beitrag von „colourofsound" vom 8. August 2019, 22:23

Hi All,

I've got a Mojave build running on my Z77X-UD5H board very nicely, after a full re-install and a bit of toing and froing with Clover.

I ditched Clover and am now back to Ozmosis; however I have the issue where Preview won't load JPEGs - I'm informed this is an issue with hardware acceleration in Finder.

I'm using an nVidia GTX650TI; which again is running nicely except for this problem. Some digging reveals that Clover installs have got around this problem by using Lilu.kext, Whatevergreen.kext, some BIOS manipulating and Frame Buffer settings in Clover.config.

Has anyone any idea how to implement this in a *Ozmosis* install? I'd really like to get my graphics card running properly as I need to do some app dev stuff in Unity.

Thanks in advance!

Beitrag von „jboeren" vom 9. August 2019, 07:08

> [Zitat von colourofsound](#)
>
> Has anyone any idea how to implement this in a Clover install?

Clover install? you wrote you're back on Oz.... ?

Beitrag von „colourofsound" vom 9. August 2019, 08:31

Sorry, I meant Ozmosis. Edited now; I'm a fool!

Beitrag von „jboeren" vom 9. August 2019, 09:50

Thanks!

Do you have please complete your profile with your hardware setup? It makes the people much easier to help you!

Do have your internal graphics enabled too? It's important to get it working! As far as I know you can use lilu and whatevergreen in Oz!

Beitrag von „colourofsound" vom 9. August 2019, 11:04

Hardware is:

GA-Z77X-UD5H

i7 3770K IvyBridge

Gainward GTX650Ti

16GB RAM

SanDisk 250GB SSD Boot disk

I also have a working 128GB SSD with Sierra on with the same system; so I can flip between the installs.

Internal graphics are enabled yes; I did read that was important. I think the issue is what the equivalent is to Clover's config.plist (I guess its Defaults.plist?) and what is the correct thing to put in there.

Placing the kexts is easy; its configuring them thats the hard part.

Thanks again for your help

Beitrag von „jboeren" vom 9. August 2019, 11:54

I did not configure these kexts on my system... I "just" dumped them in the kexts-directory.... The only thing I configured was the internal grapics card.

Beitrag von „colourofsound" vom 9. August 2019, 15:13

> [Zitat von jboeren](#)
>
> I did not configure these kexts on my system... I "just" dumped them in the kexts-directory.... The only thing I configured was the internal grapics card.

Hmmm - Kexts directory in EFI or S/L/E?

Do you have faultless operation? The test is whether JPEGs will load in Preview in Finder or the Preview app

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Beitrag von „jboeren" vom 9. August 2019, 15:18

Try this location: /EFI/Oz/Darwin/Extensions/Common

I use Clover and have a faultless operation on preview.

Beitrag von „colourofsound" vom 10. August 2019, 00:24

No such luck for me. Just a blank screen on the GTX650; and if I plug the IGFX in I can see that the OS just freezes at the Apple logo and doesn't load.

I set my BIOS to initiate the IGFX first. What am I missing?

Beitrag von „jboeren" vom 10. August 2019, 07:37

You should initiate the 650 only. Can you take a picture of your igfx bios settings and post it here?

Beitrag von „colourofsound" vom 11. August 2019, 12:30

Everything was set to auto. Set it to init PCI first - same issue.

I can see the the Lilu and WhateverGreen Kexts arent even loaded.

Also, I've edited my SMBIOS in Defaults.plist, but its not changed in About this Mac? Very odd.

Beitrag von „jboeren" vom 11. August 2019, 12:46

Sorry I don't know .... perhaps another member?

Beitrag von „kuckkuck" vom 11. August 2019, 13:07

Since when do you get the black screen or freeze? Since the activation of your iGPU or since you use WEG?

Beitrag von „colourofsound" vom 11. August 2019, 18:00

I don't have black screen or freezing issues - the problem is that Preview will not load or show JPEGS. This has been well documented in Clover installs; the fix is to install Lilu & WhateverGreen and/or alter your SMBIOS to be the same/closest matching model Mac to your dedicated GPU.

this issue has been happening since the upgrade to Mojave. It's been a prevalent issue since High Sierra, apparently.

however, even after putting Lilu and WG in S/L/E they don't load; and when changing my SMBIOS settings in EFI/Oz/Defaults.plist, my system is showing the changes - almost like they are cached somewhere.

Beitrag von „kuckkuck" vom 11. August 2019, 18:37

You have to install WEG to your EFI Partition. What happens in that case?

Beitrag von „colourofsound" vom 11. August 2019, 21:41

Nothing. Same result.

do you have it working with Ozmosis?

Beitrag von „kuckkuck" vom 11. August 2019, 22:21

So preview still doesnt work? Does Lilu and Weg load in IOReg or kextstat?

> [Zitat von colourofsound](#)
>
> do you have it working with Ozmosis?

Yes

Beitrag von „colourofsound" vom 12. August 2019, 20:37

No; they're not loaded. Do I need something in defaults.plist to get them to load?

Beitrag von „kuckkuck" vom 13. August 2019, 07:04

Remove the value FirmwareVendor from your defaults but that shouldnt effect WEG... How do you check if its loaded?

Beitrag von „colourofsound" vom 13. August 2019, 11:42

Okay i'll Give that a try.

I use Kextstat.

many idea why changing the SMBIOS in Defaults.plist isn't having an effect?

Beitrag von „kuckkuck" vom 14. August 2019, 14:58

You have to name Defaults.plist properly, place it in the right folder and perform a NVRam reset (Win+Alt+P+R) to inject it.

Beitrag von „colourofsound" vom 14. August 2019, 20:38

Sweet; thats worked. SMBIOS is now reading as expected - and the OS is running a damn sight quicker too. Crazy.

However - preview issue still a problem. Lili and WEG not loaded.

What injection should I have in Defaults? Currently all are disabled except nVidia injection.

EDIT: Google 'rough-guide-fix-for-finder-preview-not-working-on-mojave-10-14' and you should come across a popular website about x86 Macs by Tony. This fix worked for me. From the page:

1. In the Finder, press Command-Shift-G and enter this to go to find the file:

/System/Library/PrivateFrameworks/AppleVPA.framework/Versions/A/Resources/Info.plist

2. Copy this file and save it somewhere for restoration purposes later if needed.

3. Open the original file in its original location with eg TextWrangler or BBEDit.

(NOTE: the AppStore version of TextWrangler will not allow this, see above).

4. In that file, find your used <u>Mac Board ID</u>. If you do not know it, here's how to do that:

- **start Clover Configurator (available above under Downloads->Community Software),**
- **mount your EFI Partition under Tools - Mount EFI (probably something like EFI on APFS Container),**
- **then choose "Open..." and pick the config.plist in the EFI/CLOVER/ folder,**
- **choose SMBIOS and look at the "Board-ID" entry.**

    (In the case of the 14,2 definition it's Mac-27ADBB7B4CEE8E61).

5. Once you have found that entry in the Info.plist file, (in my case it was in line 76) it will look like this:

<key>Mac-27ADBB7B4CEE8E61</key>

<dict>

<key>forceOfflineRenderer</key>

<key>jpeg</key>

</dict>

6. DELETE this section.

7. SAVE.

8. Restart.

Beitrag von „mugu.gnaga" vom 27. August 2019, 15:46

@colorofsound

you are awesome!

Fix hat sofort funktioniert, vielen Dank!!