Erledigt   Need Help for Ozmosis Z97X-UD3H-BK rev1.2 F8

Beitrag von „arminmacx" vom 18. Mai 2017, 21:31

Hi everyone,

First of all please accept my apology because i can't write in german.

I have a problem with creating ozmosis bios for my mobo, I did exactly guided in this forum and few youtube videos but each time i get an error which tells my bios going explode. and my bios has 1.4 MB of free space but still getting that error.

at this rate i delete most of unused ffs or at least most of the guides tells but keeps needed files. finally i create one BUT when i flash my mobo with the new one when i hitting F12 to get to disk selection menu and choose vanilla usb installer my pc just BEEP and some times stuck at gigabyte logo or stuck in black screen . I can't even access bios to change my settings.

I have my own DSDT.aml which it makes USB3 works with helps of FakePCIID.kext & FakePCIIDXHCIMux.kext and i injected it to my bios too. i attache my DSTD so you can see it

I compressed all of my kext to ffs so i can get enough space.

I used OZMTools v0.3 and OZM package for sierra from this site.

Please help me

Beitrag von „kuckkuck" vom 18. Mai 2017, 23:06

I thought you were using the BIOS recommended in the Ozmosis Request Thread…

First try to disconnect all your external Hardware as well as unnecessary hardware like wifi cards. Then try to enter the boot menu by pressing F12. Sometimes it helps to then press Win/CMD+Alt+P+R together in the menu to reset the NVRAM.

If nothing helps you should use your motherboards dual BIOS capability to flash back to original and try flashing Ozmosis again.

Beitrag von „al6042" vom 18. Mai 2017, 23:08

We're already on it:
OZMOSIS REQUEST THREAD / Ozmosis Anfragen Thema

Beitrag von „arminmacx" vom 18. Mai 2017, 23:30

Ok thanks for al6042 help I just get into bios because after flashing it use intel gpu. I change my bios setting and use my pcie gpu but now my USB load but at the end is goes black screen and nothing happens .

btw al6047 I can't reply to that thread anymore because there isn't any reply button over there for me anymore

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Beitrag von „al6042" vom 18. Mai 2017, 23:32

We should do the followup in this thread anyway… 😉

Beitrag von „arminmacx" vom 18. Mai 2017, 23:55

ok now I removed my external gpu and only use intel gpu but still my vanilla USB hanged at middle of loading and I see its hanged at "considerrebuildofPrelinkedKernel org.netkas.driver.fakesmc triggered rebuild"

Beitrag von „al6042" vom 19. Mai 2017, 00:01

So, the first issue with "not booting at all" is solved?
Did you change the BIOS settings as mentioned to be able to use the GT 640?

Beitrag von „arminmacx" vom 19. Mai 2017, 00:12

Yes I did it first I enable my gt 640 and disable intel and it start to boot USB but at the middle of the progress it goes black screen I go and try again with verbose mod and saw that error I write above. Second I go and remove my gt 640 and only use intel and still same error

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Beitrag von „griven" vom 19. Mai 2017, 00:18

Well if using a GT640 you might need to enable NVIDIAInjection as well. Since it causes a lot of trouble with newer NVIDIA Cards (Maxwell and above) it´s deactivated by default in our Sierra Ready OZ flavored Roms. To enable it just install OS-X by using the IGPU and once installed type fire up Terminal and type

Code

```
1.  sudo nvram 1F8E0C02-58A9-4E34-AE22-2B63745FA101:DisableNvidiaInjection=%00
```

or if available in your rom boot into build in EFI Shell and type

Code

1. setvar -guid 1F8E0C02-58A9-4E34-AE22-2B63745FA101 DisableNvidiaInjection=00

which will do the same but without the need to install OS-X first.

Beitrag von „arminmacx" vom 19. Mai 2017, 00:23

Ok I can't even pass to setup screen with or without gt640 I just hanged in boot to setup progress with the error

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Beitrag von „griven" vom 19. Mai 2017, 00:27

Well kind of strange since it points to some issues with the KextInjection/KernelCache...
You say it´s a vanilla Installer how did you create it was it made with the CreateInstallMedia command or did you use any third party tools to create your USB Installer?

Beitrag von „arminmacx" vom 19. Mai 2017, 00:30

I used createinstallmedia

Beitrag von „griven" vom 19. Mai 2017, 01:10

Okay do you use any kind of custom defaults.plist and if so what does it look like?

Beitrag von „arminmacx" vom 19. Mai 2017, 01:18

I just use the latest version from ozmosis package for sierra default.plist with the change u said for reactive nivida injection and add my system definition to plist and didn't change other things.

btw now after I flashed my own created bios now its hanged at setmulticastmode .

i forgot to mentioned I added my intel network kext to my biosnow

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Beitrag von „arminmacx" vom 20. Mai 2017, 22:23

Ok after nearly 72 hours of flashing ozmosis and installing mac os i have these :

1: i flashed ozmosis for my mobo from this site and finally getting to install mac os sierra but my audio & usb3 didn't work. I tried to add the appleALC-OZM ready to my oz folder and as my usb3 only works by adding FakePCIID_XHCIMux & FakePCIID kext and my DSDT i still can't get those to works.

2 : I create my own ozmosis bios with adding FakePCIID_XHCIMux & FakePCIID kext to it with my Lan kext and DSDT and again installed and boot and copied AppleALC kext to my oz folder still cant get usb3 and audio to work.

I don't know what to do anymore

BTW i attached my dsdt files so you can see if it has any problem

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Beitrag von „Fredde2209" vom 20. Mai 2017, 22:53

Since version 1.1.0 (AppleALC), the kernel patcher moved to it's own Kext. This means, you now have the usual AppleALC and a separate Kernel Patcher kext that can also be used as Kernel Patcher for some other Kexts, the same developer(s) create. See here: Lilu - Generic kext patcher (neue Grundlage für AppleALC 1.1.x und Shiki 2.x.x) Just use the latest version of AppleALC-OZM and then just add this kernel Extension to the same directory and your audio should work just fine.

USB 3 is quite difficult... here is a guide, but it is in German 🤔 Anleitung: USB 3.0 unter El Capitan / Sierra für jedermann (Zukunftssicher für Updates und komplett gepatcht) I've already thought of translating it into English (and maybe even French) but I didn't have time for that until now.

Beitrag von „arminmacx" vom 21. Mai 2017, 18:20

> Zitat von Fredde2209
>
> Since version 1.1.0 (AppleALC), the kernel patcher moved to it's own Kext. This means, you now have the usual AppleALC and a separate Kernel Patcher kext that can also be used as Kernel Patcher for some other Kexts, the same developer(s) create. See here: Lilu - Generic kext patcher (neue Grundlage für AppleALC 1.1.x und Shiki 2.x.x) Just use the latest version of AppleALC-OZM and then just add this kernel Extension to the same directory and your audio should work just fine.
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Thanks for your answer but i already added lilu kext to my oz folder but nothing happend

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Beitrag von „Fredde2209" vom 21. Mai 2017, 18:53

>
> to my oz folder

Oz folder? It belongs to EFI/Oz/Darwin/Extensions/Common !

Beitrag von „arminmacx" vom 21. Mai 2017, 18:59

>
> Oz folder? It belongs to EFI/Oz/Darwin/Extensions/Common !

I know that i just shorten my text :)))

Beitrag von „kuckkuck" vom 21. Mai 2017, 19:00

What does the terminal outprint when you enter

Code

1. kextstat | grep -v apple

Beitrag von „arminmacx" vom 21. Mai 2017, 19:12

[@kuckkuck](#),

here is output of kextstat :

Code

1. Armins-iMac:~ armin$ kextstat | grep -v apple
2.
3.
4. Index Refs Address Size Wired Name (Version) UUID <Linked Against>
5.
6.
7. 24 2 0xffffff7f820be000 0x38000 0x38000 as.vit9696.Lilu (1.1.1) 68AA14C1-7F48-3786-91C0-9484956C55B3 <7 5 4 3 2 1>
8.
9.
10. 25 0 0xffffff7f820f6000 0x93000 0x93000 as.vit9696.AppleALC (1.1.1) 9FEC5024-83C5-38B9-A545-604D0042F4A9 <24 7 5 4 3 2 1>
11.
12.
13. 26 0 0xffffff7f8218a000 0x3000 0x3000 as.vit9696.Shiki (2.0.1) 8BC647DE-1BEC-3CEE-9DF2-6C92F135E049 <24 7 5 4 3 2 1>
14.
15.
16. 27 0 0xffffff7f8218e000 0x11000 0x11000 org.netkas.driver.FakeSMC (1377) 605B428B-E8E3-27B8-E439-3AAFFAEBC797 <11 7 5 4 3>
17.
18.
19. 28 0 0xffffff7f8219f000 0x4000 0x4000 com.rehabman.driver.USBInjectAll (0.5.14) 1B366826-5657-354C-9618-E69EFDB01D41 <12 11 4 3>
20.
21.
22. 46 0 0xffffff7f821a4000 0x25000 0x25000 com.insanelymac.IntelMausiEthernet (2.3.0d0) 6BF55754-64DF-38A1-869B-D664872F37FA <45 12 5 4 3 1>

Alles anzeigen

@Fredde2209

OK I added all my working usb and exclude them in my bootarg and everything work fine except audio. after adding lilu and appleALC-OZM to OZ/DARWIN/EXTENTIONS/COMMON still audio not working

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Beitrag von „kuckkuck" vom 22. Mai 2017, 07:05

Is there a layout ID for audio in your DSDT? Sorry I cant look it up right now...

Beitrag von „arminmacx" vom 22. Mai 2017, 16:38

> [Zitat von kuckkuck](#)
>
> Is there a layout ID for audio in your DSDT? Sorry I cant look it up right now...

@kuckkuck

yes I have layout ID 1 because my audio only works with layout ID 1. In clover it works only if add 1 to my clover config

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Beitrag von „kuckkuck" vom 22. Mai 2017, 16:47

So thats odd... Audio really doesn't work? Try getting it to work with VoodooHDA. If that works we can continue to mess around with AppleALC...

Beitrag von „arminmacx" vom 22. Mai 2017, 18:26

Ok I give it a try
@kuckkuck
update 1:
things get interesting now because after adding my voodoo and lilu and shiki to my OZ/DARWIN/EXTENTIONS/COMMON folder and add my dsdt too after rebooting I can't boot from apple logo. I tried cmd + v too boot in verbose and I see its hang on pci configuration end, bridges 5, devices 10.
after that I tried reset nvram but still not going further.
reset bios again still no go 🌡️😉

update 2:
after booting using my old clover installer and removes lilu and rebooting I can boot again and my sound works fine with voodoohda

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Beitrag von „kuckkuck" vom 22. Mai 2017, 22:32

That is really weird! But it seems like there is some kind of issue with your ACPI tables... Try to add Lilu again and see if it works, if not boot in safe mode with -x as bootarg😌 (You can add it via shell to your defaults.plist)

Beitrag von „arminmacx" vom 22. Mai 2017, 22:37

@kuckkuck
Ok it's more weird now because it's boot now with lilu and voodoohda and shiki normally with dsdt 🌡️🤢

update1:

i edit my appleacl-ozm.kext and remove all other audio id and only let my alc1150 id's stay in info.plist and add applealc-ozm.kext to oz folder and reboot and voila sounds works too. I think there is a problem in both kext and my dsdt which couldn't find correct layout-I'd for my board

update2:

after above fix fix when I attachedall of my internal HDD again my audio not working.

update3:

i found out I have backup installer of OS X on one of my HDD which have an efi partition on it then I add all of OZ folder from my main HDD to that efi partiotion and reboot and audio start to works

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Beitrag von „griven" vom 25. Mai 2017, 15:46

Sometimes it´s kind of wired to understand which files OZ uses and which not...
Normally it should use the files placed on the EFI Partition of the first drive (first SATA Port) but it seems like it not always behaves that way. I have three internal drives which all have an EFI partition and the OZ files are present on all of them. Sometimes it seems to be absolutely random which files OZ grabs also the drive order randomly changes from boot to boot. In 95 percent of all boots my primary drive (first SATA Port) is disk0 and everything is fine but sometimes on of the other drives ist mapped as disk0 and in this rare cases the boot might fail or drivers may be missing because the EFI Partition across all three drives are not in sync. To prevent situations like this i got used to keep all my EFI Partitions in sync so it doesn´t matter at all where OZ grabs it´s files from.

Nevertheless it would be nice to know why this is happening even though the physical location of the drives never changed...