

Erledigt

Oz Gi-Z77P-D3 Alc887 soundcard don't work

Beitrag von „chronicie“ vom 5. August 2018, 03:08

I ran into problems when I used applealc to drive the sound card with ozmosis But sound card is normal with the Clover. Here are some of my information, Thanks!

OS Ver 10.13.6

Kext: Lilu 1.26 und AppleALC 1.3.1

Inject LayoutID: DSDT.aml

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Logs

2018-08-03 09:47:06.063616+0800 localhost kernel[0]: (kernel) AppleALC: alc @ alc-layout-id was not provided by controller at HDEF

2018-08-03 09:47:06.063632+0800 localhost kernel[0]: (kernel) AppleALC: alc @ alc-layout-id was not provided by controller at HDEF

PCI:



SoundCard



IORegistryExplorer3 *Import*

[CHEN iMac.zip](#)

OZ Folder

[OZ.zip](#)

Beitrag von „korlione2009“ vom 5. August 2018, 07:08

Try this folder

<https://www.dropbox.com/s/aylio626m05skiy/OZ.zip?dl=0>

Beitrag von „al6042“ vom 5. August 2018, 08:46

Please reply in english... you'll never know if the corresponding user is able to read and understand your language...

Beitrag von „chroncie“ vom 5. August 2018, 08:51

[Zitat von korlione2009](#)

Пробуй с этой папкой

<https://www.dropbox.com/s/aylio626m05skiy/OZ.zip?dl=0>

~ I tried to use it but failed, the system infomation display no audio device.

Beitrag von „al6042“ vom 5. August 2018, 09:00

[@chroncie](#)

please try attached DSDT in which the layout-id for your ALC887 is switched to 1 instead of 5...

Also, please do not use the small hammer symbol in the edit-bar.... this symbol is to caution a user if he or she did something against our rules... 😊

Beitrag von „chroncie“ vom 5. August 2018, 11:15

[@al6042](#) Thank you for the DSDT file you provided,i try the 1-5 doesn't work! but I see the relevant posts at the bottom, I replace AppleALC.kext with AppleALC-OZM.kext, the audio device began to work ! Very happy ~:D

now ,I had a question about AppleALC, Do AppleALC file need special processing to use with ozmosis?

[{Gelöst} Gigabyte Rev1.1 Z77P-D3 encounter problems Audio and Network don't work](#)

Beitrag von „al6042“ vom 5. August 2018, 11:21

Only for older versions.

They had a plugin-kext inside, which would lead to a kernel-panic with Ozmosis.

Therefore you had to use the merge_pinconfigs.sh from the Tools-Directory of the github resources to merge the plugin-kext into the original AppleALC.

This step is obsolete since AppleALC version 1.2.5 from April 2018.

Beitrag von „kuckkuck“ vom 5. August 2018, 11:31

[Zitat von chroncie](#)

I replace AppleALC.kext with AppleALC-OZM.kext, the audio device began to work !

Very happy ~:D

That didn't solve the actual problem, we should try to fix that...

Here's what's going on:

Since AppleALC version 1.2.8 a new way of injecting the layouts was introduced. AppleALC now knows 3 properties: `layout-id`, `alc-layout-id`, `apple-layout-id`. `layout-id` will not be used anymore, which is done to avoid AppleHDA.kext file dependencies.

When you inject `layout-id` it should be automatically converted to `alc-layout-id` which doesn't work in your case (and many cases where the inject comes from ACPI). That's why you should alter your DSDT (ACPI injection) to make it compatible with the new AppleALC.kext. I would suggest to inject both `layout-id` and `alc-layout-id` for the moment. Later on you should be able to delete `layout-id` from your DSDT (to avoid unwanted AppleHDA behaviour, which is why this patch was done by vit9696).

Here's what it should look like atm:

Code

```
1. "layout-id",
2. Buffer (0x04)
3. {
4. 0x05, 0x00, 0x00, 0x00
5. },
6.
7.
8. "alc-layout-id",
9. Buffer (0x04)
10. {
11. 0x01, 0x00, 0x00, 0x00
12. },
```

Alles anzeigen

Inject the `alc-layout-id` that you need. For High-Sierra and below, 1 should work fine. For Mojave you'll probably need to use `alc-layout-id` 5. Afterwards you should be able to use the latest AppleALC.kext...

Beitrag von „chronicie“ vom 5. August 2018, 12:12

[@kuckkuck](#) perfect solution to my problem! Insert it into the dsdt.aml and audio device was normal after reboot ! thank you !

Beitrag von „al6042“ vom 5. August 2018, 12:28

In that case we should add the green "Finished"/"Settled" check... 😊