

Beitrag von "ich28" vom 11. Dezember 2016, 19:26

Hallo, Liebe Gemeinde was haltet ihr von diesen Schicken Teil

Acer Swift 3 (SF314-51-59RF)

Intel i5 6200u 8GB DDR 4 RAM (fest verlötet) Full HD Display 1920x1080 Matt 14" Intel HD 520 256GB SSD ich hoffe die ist nicht festverlöttet und ich hoffe wifi Karte ist auch nicht verlötet. kein LAN anschluss.

Für 650€

ist doch ein genialer Hackbook oder nicht?

Beitrag von "Nanimos" vom 11. Dezember 2016, 19:31

Der Fakt wird denk ich auch sein das der Akku da kaum lange halten wird. Wenn die Wifi Karte sich wechseln lassen tut dann kann man daraus sicher was machen.

Beitrag von "Dr.Stein" vom 11. Dezember 2016, 22:21

Akku wird mit 10 Std angegeben .. Hab das Gerät auch schon im Auge. Das müsste sich mal jemand besorgen und Testen

Beitrag von "ioreknanou" vom 12. Dezember 2016, 20:37

Hi !

I have the SF314-51-53MF, which is pretty much the same laptop (http://www.bestbuy.ca/en-CA/pr...94e09a0336191f6de8c92en02)

I am currently finalizing my Installation guide. But I can tell you that nearly everything works fine. The only things that doesn't work right now are :

- Wifi card, but the built-in bluetooth works. The wifi card is removable so I bought a used Dell DW1560 (BCM94352ZAE_3) and it is working fine.

- HDMI-Audio not working for now, but I am pretty sure it will be working in a few days...
- Mic not working but I haven't had time to test it.
- SD card Reader
- Fingerprint Reader

I am extremely satisfied with this laptop. It pretty much feels like a MacBook. When you have a good power management, you pretty much have 9-10h battery. I will test it later in a real life scenario.

The SSD is a M.2 connector and it uses SATA. Unfortunately, you can not plug in a NVMe SSD. I tried to be sure with a Samsung 950 Pro and it is not detected. Still, the SSD can write at 450 mb/s and read at 500mb/s).

Beitrag von "al6042" vom 12. Dezember 2016, 22:44

Hi <u>@ioreknanou</u> and welcome to the forum... 🙂

your laptop looks really cool...

Since the HDMI Audio is connected to the HD520, which I guess is in your box, there is currently no known solution to get it working.

Do you know the AudioCodec running in your machine?

Which kext are you using for Audio?

If AppleHDA, which Layout-ID did you inject?

Is the internal or the external mic not working?

We have a helpful thread for SD Card Reader issues, but it's currently only in german.

And the Fingerprint print reader will not work, since Apple never used such a device...

Beitrag von "ioreknanou" vom 13. Dezember 2016, 04:52

7itat

Hi joreknanou and welcome to the forum...

your laptop looks really cool...

Since the HDMI Audio is connected to the HD520, which I guess is in your box, there is currently no known solution to get it working.

Do you know the AudioCodec running in your machine?

Which kext are you using for Audio?

If AppleHDA, which Layout-ID did you inject?

Is the internal or the external mic not working?

We have a helpful thread for SD Card Reader issues, but it's currently only in german.

And the Fingerprint print reader will not work, since Apple never used such a device...

Alles anzeigen

Thank you very much @al6042 !

Yes, it is the HD 520. I know there's no solution known for now, I was only optimistic Ӱ

The codec is ALC255. The kext was generated with Mirone's AppleHDAPatcher. Injected Layout-ID 3 in Clover. Earlier today, I was able to make the internal (well, the little hole on the left of the keyboard) mic work. I forgot to add a DSDT patch (the one in the readme file generated by AppleHDAPatcher). I can now have a FaceTime conversation and the other person can hear me (the webcam was working built-in). There is no distinct external Mic plug on this laptop but the plug for headphones do have an headphones with mic logo. I don't have an headphone with mic so I can't test it.

The SD Card Reader is labelled as a Realtek USB2.0-CRW (ven id:0bda, dev id:0129), I haven't find a solution somewhere. If you find one, it would be welcome

As for the fingerprint sensor, it is detected but, I know, it is rather useless.

Beitrag von "al6042" vom 13. Dezember 2016, 07:47

Do you know the layout-id which is currently used with the <u>ALC255</u>?

You should think about using the <u>AppleALC.kext</u>...

That would get rid of the necessity to patch the Original AppleHDA after those OSX Updates.

You could leave the Original AppleHDA untouched and put the AppleALC into the /EFI/CLOVER/kexts/other (or one of the "Version"-folders).

With your already mentioned DSDT, that should contain the "layout-id"-info in "Device (HDEF)" or "Device (HDAS)" (Skylake way...),

or the alternative "FixHDA" and "Audio Inject" in Clover, it should work with manual patching. Try the ids which you can find the Resources-Link.

Beitrag von "ich28" vom 13. Dezember 2016, 11:50

Das hört sich doch gut an

Beitrag von "ioreknanou" vom 15. Dezember 2016, 05:00

Zitat

Do you know the layout-id which is currently used with the ALC255?

You should think about using the AppleALC.kext...

That would get rid of the necessity to patch the Original AppleHDA after those OSX Updates.

You could leave the Original AppleHDA untouched and put the AppleALC into the /EFI/CLOVER/kexts/other (or one of the "Version"-folders).

With your already mentioned DSDT, that should contain the "layout-id"-info in "Device (HDEF)" or "Device (HDAS)" (Skylake way...),

or the alternative "FixHDA" and "Audio Inject" in Clover, it should work with manual patching.

Try the ids which you can find the Resources-Link.

Alles anzeigen

I have to admit that I am not really an expert on AppleHDA and I'm not sure that I understand what you mean. If you mean what Audio ID I get when I go in System Information, then my ID was 3. I say "was" because, following your excellent idea to use AppleALC, I ultimately changed the layout for a better one.

So, I removed my patched AppleHDA.kext from S/L/E and put back the vanilla AppleHDA.kext. I remove the audio injection in clover and put AppleALC in /EFI/CLOVER/kexts/other. I rebooted and was still getting audio layout 3. Sound was working great but I lost my mic. I was also getting random audio distortion in the headphones.

I looked in AppleALC.kext/Contents/PlugIns/PinConfigs.kext/Contents/Info.plist and saw that ALC255 had option for layout 3, 13, 17 and 28. I tried to put inject layout 13 to test but was still getting layout 3 so I decided to revert my DSDT change so that it does not force a layout. I saved that DSDT.aml to /EFI/CLOVER/ACPI/patched. Rebooted the laptop and the layout 13 was detected in System Information. Everything seemed to work including the mic. I tested layout 17 and it was also perfectly working. I tried to inject layout 3 and mic was not working. So, I decided to stay with layout 13.

To clarify things : to get my audio working, I replaced the reference from HDAS to HDEF in my DSDT, did nothing to S/L/E/AppleHDA.kext, put AppleALC in /EFI/CLOVER/kexts/other and use Audio layout 13 in clover.

By the way, as I was reading the changelog of AppleALC, something caught my attention. Version 1.0.18 had the following note :

"Added Laptop Intel Skylake HD515/520/530 HDMI audio support (ig-platform-id 0x191E0000, 0x19160000". I tried to get more information regarding that but couldn't find any. So I did a little digging...

I downloaded the source files (<u>https://github.com/vit9696/AppleALC</u>). I saw a reference to HD 520 in the file /AppleALC-master/Resources/Controllers.plist :

Code

- 1. <dict>
- 2. <key>Device</key>
- 3. <integer>6422</integer>
- 4. <key>Model</key>
- 5. <string>Laptop</string>
- 6. <key>Name</key>
- 7. <string>Laptop Intel HD520 HDMI (ig-platform-id 0x19160000)</string>
- 8. <key>Patches</key>
- 9. <array>
- 10. <dict>
- 11. <key>Count</key>
- 12. <integer>1</integer>
- 13. <key>Find</key>
- 14. <data>AQUJAAAEAACHAQAAAgQKAAAEAACHAQAA</data>
- 15. <key>MinKernel</key>
- 16. <integer>15</integer>
- 17. <key>Name</key>
- 18. <string>AppleIntelSKLGraphicsFramebuffer</string>
- 19. <key>Replace</key>
- 20. <data>AQUJAAAIAACHAQAAAgQKAAAIAACHAQAA</data>
- 21. </dict>
- 22. </array>
- 23. <key>Platform</key>
- 24. <integer>420872192</integer>
- 25. <key>Vendor</key>
- 26. <string>Intel</string>

27. </dict>

Alles anzeigen

I tweaked this a little and made the following Kext Patch that I included in my config.plist :

Code

- 1. <dict>
- 2. <key>Comment</key>
- 3. <string>Laptop Intel HD520 HDMI</string>
- 4. <key>Disabled</key>
- 5. <false/>
- 6. <key>Find</key>
- 7. <data>
- 8. AQUJAAAEAACHAQAAAgQKAAAEAACHAQAA
- 9. </data>
- 10. <key>Name</key>
- 11. <string>AppleIntelSKLGraphicsFramebuffer</string>
- 12. <key>Replace</key>
- 13. <data>
- 14. AQUJAAAIAACHAQAAAgQKAAAIAACHAQAA
- 15. </data>
- 16. </dict>

Alles anzeigen

Rebooted and voilà ! HDMI Audio working on Intel HD 520¹ (on my laptop anyway, I do hope it works for others) ! There is now a known solution I presume. Unless Google sucks lately, I didn't find this patch anywhere else.

I also apologize for not writing in German but I don't trust G Translate enough 💺

Beitrag von "ich28" vom 20. Dezember 2016, 23:55

Beitrag von "Dr.Stein" vom 21. Dezember 2016, 13:57

USB Dongle würde ich jetzt als erstes sagen. Schau mal im HARDWARECENTER nach

Beitrag von "derHackfan" vom 21. Dezember 2016, 14:10

Hier ist z.B. eine WLAN Lösung aus dem Hardware Center ... EDIMAX EW-7811Un.

Beitrag von "ich28" vom 21. Dezember 2016, 16:28

EDIMAX WLAN Stick USB 2.0 450 MBit/s EW-7711MAC MacBook Edition

diesen hab ich bestellt und das Notebook ist morgen da ich freu mich schon auf ein neues Abenteuer

welche System Definition würde denn am besten passen ?

Beitrag von "ioreknanou" vom 22. Dezember 2016, 04:28

Guten Tag !

For those interested, I've finished my guide for the Acer Swift 3. You can read it here (since I can't post a link to my guide, look for it in Fat Tony's forum) @ich28

Zitat

EDIMAX WLAN Stick USB 2.0 450 MBit/s EW-7711MAC MacBook Edition

diesen hab ich bestellt und das Notebook ist morgen da ich freu mich schon auf ein neues Abenteuer

welche System Difinition würde denn am besten passen ?

Be careful with the EW-7711MAC. From what I can see, there are no drivers for 10.12 yet. I used MacBook9,1 definition.

Beitrag von "ich28" vom 22. Dezember 2016, 10:55

Thank you ╘

Beitrag von "derHackfan" vom 22. Dezember 2016, 11:18

Stimmt, unter Mac 10.12 steht da Coming soon.

MAC 10.12 Compatibility List MAG 10.12 compatible products are listed betw. Please download drivers for your product if required. We are working hard to ensure compatibility and more products will be added regularis.				
EW-7822NAC	4	Yes	NA	Current driver supported
EW 7811UTC		Yes	NUA	Current driver supported
EW-7811DAC	T	Yes	NIA	Current driver supported
EIN-7811UAC	1	Yes	7624	Current driver supported
EW 7811UBC	1	Yes	NOA	Current driver supported
E10-771180AC	Ψ	Coming soon	NIA	Coming soon
Em-7711ULC	*	Coming soon	NUK	Coming soon
Ew 7722u% V2	÷	Yes	NDA	Carneti driver supported
Elli-7012UAti V2	J	Yes	NDA	Carroni driver supported
E18-7711UAn V2		Coming soon	NA	Corning acon
Eur Perrian		Yes	NIA	Current driver suggested
Eva-7711Uhite		Ym	NA	Supports up to MAC 10.5
		-		

Beitrag von "ich28" vom 22. Dezember 2016, 11:32

Ja dann erstmal El Capitan

Beitrag von "derHackfan" vom 22. Dezember 2016, 11:35

Na ja ...

Der EDIMAX EW-7811Un läuft ja unter macOS Sierra, nutze ich doch selber, aber wenn es unbedingt die Mac Edition sein soll.

Beitrag von "ich28" vom 22. Dezember 2016, 13:55

Ja aber die Mac Edition hat bessere Übertragungsraten oder nicht?

denn den du hasst hab ich hier auch liegen.

Funktioniert Wunderbar bin begeistert. nur kann ich keine Helligkeit einstellen.

Beitrag von "ioreknanou" vom 23. Dezember 2016, 01:31

<u>@ich28</u>

So you could get past your installation problem ?

As for the Brightness, it's probably something to do with DSDT and SSDTs.

Beitrag von "al6042" vom 23. Dezember 2016, 10:47

Die Helligkeits-Geschichte kannst du entweder mit einer für dich gepatchten DSDT oder dem Clover DSDT-Fix "AddPNLF" organisieren.

Dafür muss aber der Haken bei "NewWay" am Anfang der Sektion "NewWay" auch aktiviert sein.

Beitrag von "ich28" vom 23. Dezember 2016, 11:53

Alles klar danke werd ich nachher probieren und berichten.

Alles klar hat wunderbar Funktioniert Danke @al6042

Thank you *@ioreknanou*

Beitrag von "al6042" vom 23. Dezember 2016, 12:29

Gern geschehen... 🙂

Beitrag von "ich28" vom 23. Dezember 2016, 12:37

Noch eine kurze frage was mach ich denn jetzt mit diesem Problem Im Moment geh ich mit mein iPhone ins Internet über Bluetooth und er ist auf en0

Beitrag von "al6042" vom 23. Dezember 2016, 12:43

Welche Netzwerkkarte ist den verbaut? Wird die mit einem Kext betrieben? Bekommst du damit eine IP-Adresse deines Routers, der hoffentlich diese per DHCP verteilt, zugeordnet? Hast du den DSDT-Fix "FixLAN" im Clover aktiviert? Wenn das alles passt, solltest du eigentlich nur die Dateien NetworkInterfaces.plist und preferences.plist im Ordner /Library/Preferences/SystemConfiguration löschen und neu starten müssen. Damit sollte LAN als en0 festgelegt werden und das Problem verschwinden.

Beitrag von "ich28" vom 23. Dezember 2016, 14:35

Ich Probier nachher noch ist die Originale drin aber die geht ja mit OS X nicht.

@al6042

der Stick ist da hab alles gemacht was du gesagt hast wlan stick ist jetzt auf en0 aber das Problem besteht immer noch....

Das ding hat auch kein Lan Anschluss

Beitrag von "ioreknanou" vom 23. Dezember 2016, 19:40

<u>@ich28</u>

Is your en0 considered as a built-in device ? If not, you'll probably have to do something with nullethernet.kext (https://github.com/RehabMan/OS-X-Null-Ethernet)

Beitrag von "ich28" vom 23. Dezember 2016, 19:46

@ioreknanounull Hello no he is en0 but is not builtin wlan Stick is devolo ac

Problem gelöst

Beitrag von "al6042" vom 23. Dezember 2016, 22:22

Sauber... und wie jetzt?

Beitrag von "ich28" vom 23. Dezember 2016, 23:38

nullethernet.kext in S/L/E geschoben und da lag noch ein SSDT in Clover rein getan rechte repariert und reboot.

wo kann man hier Autokorrektur ausschalten ?

@al6042

hier paar bilder 😂

Beitrag von "griven" vom 27. Dezember 2016, 22:57

Die Autokorrektur kommt nicht vom Forum das macht OS-X ganz von alleine 😂 Wenn es nervt einfach auf Systemeinstellungen -> Tastatur -> Text und da die Rechtschreibprüfung abschalten und schon ist ruhe im Karton.

Beitrag von "ich28" vom 29. Dezember 2016, 09:52

Würde diese WLAN Karte funktionieren ?

https://www.ebay.de/itm/142180129420

Beitrag von "al6042" vom 29. Dezember 2016, 10:22

Wenn die aktuelle WLAN-Karte entsprechende m.2 NGFF Anbindung nutzt und das Acer keine BIOS Whitelist hat, sollte das gehen.

Habe beim gleichen Anbieter bestellt... das Teil sollte bei mir am Samstag aufschlagen, damit ich sie in meine Skylake-Kiste verbauen kann... Drück mir die Daumen...

Beitrag von "ich28" vom 29. Dezember 2016, 12:15

Ich drück dir auf jeden Fall die Daumen dann warte ich erst mal auf deine Test versuche.

Beitrag von "ioreknanou" vom 30. Dezember 2016, 05:43

That's my WLAN. I can confirm you that it works well in the Swift 3. 😌

Beitrag von "jackt" vom 3. August 2017, 02:22

Hey everyone, I've got an Acer Swift 3: 8GB RAM Intel Core i3-6100U CPU @ 2.30GHz and I installed the Broadcom BCM94352Z (or Dell DW1560) - which works fine in Windows 10. When I boot into Mac Os Sierra however, I cannot get the wifi to work at all.

When I go to add a network in the network settings I get an error (see the image I attached below, the error is the same just not "iCloud preferences" - instead being "network preferences")

I have tried using various .kexts but with no luck such as:

- RehabMan FakeSMC
- RehabMan BrcmPatchRAM
- RehabMan BrcmPatchRAM2

I followed this tutorial (Masked Link to Tomato-Guy deleted!!! - plz read and follow our rules - thx, al6042) for the Acer Swift 3 and nothing works to get the internet working Any help much appreciated!

P.s: I shall try the "nullethernet.kext" as I don't recall installing a .kext with this name! 🐸

Beitrag von "domeej" vom 13. November 2017, 14:47

Does it work now? And do you had to change something in BIOS to enable the Network Card?

Problem is I couldnt enter the core settings in BIOS because they are disabled by the manufacturer and now I'm not sure if i should try the Broadcom-Card. Right now i got a Wifi Dongle but it doenst work on WPA2 Enterprise Networks....

greetings