Erledigt macOS Sierra and High Sierra - Gigabyte GA-X99-Ultra Gaming i7-6850K

Beitrag von „sygey“ vom 29. Januar 2017, 11:33

macOS Sierra 10.12.3 working well on Gigabyte GA-X99-Ultra Gaming i7-6850K
My graphics card its a gtx 1080 g1 pascal. and its not working since apple have no pascal support yet!
Here it,s my EFI for Clover and Extra for Chameleon Enochhackintosh-forum.de/attachment/37070/ 

Beitrag von „DaTec“ vom 14. Februar 2017, 15:54

Your CPU is not working yet! Your benchmark values are relatively low.

The i7 and 4,2GHz work on Geekbench 4 with more than 24000 Points

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Beitrag von „sygey“ vom 16. Februar 2017, 10:25

DaTec. 4,2GHz its only in clover ..it,s cosmetic thing. My cpu run just on stock 3,6

Beitrag von „sygey“ vom 21. Februar 2017, 18:07

I Compiled and loaded the. AppleIntelInfo.kext. Can anybody say if it,s this ok with my power management ?

Spoiler anzeigen

Beitrag von „Robin0815“ vom 21. Februar 2017, 18:27

Welcome to the Party Pal, I have the same CPU and currently working on this..

if you followed the guidelines of metacollin I can assure you it's somewhat not working as @MeO-Style found out as well.

Feel Free to Post Progress here, you can follow mine over here: Link

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Beitrag von „sygey“ vom 13. April 2017, 07:06

Working GTX 1080 on macOS Sierra 10.12.4

Beitrag von „Robin0815“ vom 22. April 2017, 12:43

Nice! Good to know that I can safely upgrade my 980ti to a 1080(ti) in the future.

@sygey did you get that PowerManagement working? Mine crashes on loading the SSDT that was generated with the ssdtPRGen.sh script.. I'm still testing/trying new Stuff but I'm also very pleased with the current results.

Beitrag von „sygey“ vom 24. April 2017, 19:31

Hi man! Here are some benchmarks of X99 Ultra Gaming

Beitrag von „sygey“ vom 27. April 2017, 20:52

Working XCPM Screenshots of GA-X99-Ultra Gaming i7-6850K Overclocked at profile1 4,2

Beitrag von „sygey“ vom 29. April 2017, 21:07

I changed the plist. The machine its stable, an running very smooth .

Beitrag von „griven“ vom 1. Mai 2017, 21:41

Well it´s nice to see that there is progress in getting XCPM to work on X99 Plattform Builds 

Beitrag von „sygey“ vom 1. Mai 2017, 22:53

First of all let's not forget to thank all those who are involved in these projects, which give us the chance to run macOS on PC. Thank you once again for everything!

1) BIOS configuration ---- a--Load Optimized Defaults

b---overclock your pc to XMP profil 1 4,2

After you install later you can revert back

2.) Create Bootable USB --- Download the latest version of MacOS Sierra by performing the following actions:

a) Delete any version of the MacOS Sierra installer from your "Applications" folder if older versions of the installer exist.
Go to the App-Store, and download Sierra.

--- Prepare an USB thumb drive with Disk Utility with the following options:

a) GUID Partition Table
Mac OS Extended (Journaled)
c) Use the name “USB”

---Type in a Terminal the following command:

sudo /Applications/Install\ macOS\ Sierra.app/Contents/Resources/createinstallmedia --volume /Volumes/USB --applicationpath /Applications/Install\ macOS\ Sierra.app --no interaction

USB mean your tumb drive name

This will take some time

4.) Download and install the latest Clover distribution on your USB-DISK by verifying the proper Install-location (USB-DISK) and customizing (dont press "Install" but "Customize" instead) the following options:

a) Install for UEFI booting only
Install Clover in the ESP
c) Select the Bootloader Themes you want to install
e) Only select EmuVariableUefi-64.efi in the Drivers64UEFI menu!

During installation, Clover will automatically create and mount the EFI partion drive of the USB installation.

3.) When Clover Installation completes, download and copy the "USBInstallEFI.zip" file and replace entire EFI Folder of your USB installation drive.

4.) Boot the USB Installation drive . Install MacOS Sierra onto your system.

5.) Now perform the Post-Installation procedure described below. After finish boot again with USB and select your new instaled hard drive with sierra and finish the process.

--- Download and install the latest Clover distribution on your Sierra system disk by verifying the proper Install-Location (Sierra System Disk) and customizing (don't press "Install" but "Customize" instead) the following options:

a) Install for UEFI booting only
Install Clover in the ESP
c) Select the Bootloader Themes you want to install
d) Enable Install RC scripts on target volume
e) Only select EmuVariableUefi-64.efi in the Drivers64UEFI menu!
f) Select Install RC scripts on target volume
g) Select Install Clover Preference Pane

During installation, Clover will automatically create and mount the EFI drive of your Sierra system.

6.)Download my (PostinstallEFI.zip) extract and replace entyre EFI folder from your Sierra hard drive.

7.) Download and run Piker-Alpha's freqVectorsEdit.sh to add missing FrequencyVectors. Clone download chose zip

after download, drag the freqVectorsEdit.sh-master folder to your desktop, run terminal and type sudo (space) after this drag

the freqVectorsEdit.sh from folder freqVectorsEdit.sh-master in to terminal, hit Enter, flow steps below.

--- To do so, you have to choose some other plist-file from the drop-list, like e.g.

Code (Text):

[26] Mac-DB15BD556843C820.plist (iMac17,1)

which does have frequencies already defined.

Result:

Code (Text):

freqVectorsEdit.sh v3.1 Copyright © 2013-2017 by Pike R. Alpha.

Available resource files (plists) with FrequencyVectors:

[1] Mac-031B6874CF7F642A.plist (iMac14,1)
[2] Mac-06F11F11946D27C5.plist (MacBookPro11,5)
[3] Mac-06F11FD93F0323C5.plist (MacBookPro11,4)
[4] Mac-189A3D4F975D5FFC.plist (MacBookPro11,1)
[5] Mac-27ADBB7B4CEE8E61.plist (iMac14,2)
[6] Mac-2BD1B31983FE1663.plist (MacBookPro11,3)
[7] Mac-35C1E88140C3E6CF.plist (MacBookAir6,1)
[8] Mac-35C5E08120C7EEAF.plist (Macmini7,1 @ 2700)
[9] Mac-3CBD00234E554E41.plist (MacBookPro11,2)
[10] Mac-42FD25EABCABB274.plist (iMac15,1)
[11] Mac-473D31EABEB93F9B.plist (MacBookPro13,1 @ 3100 HWP/3400 HWP)
[12] Mac-4BFBC784B845591E.plist (Unknown Model)
[13] Mac-50619A408DB004DA.plist (Unknown Model)
[14] Mac-65CE76090165799A.plist (iMac17,1)
[15] Mac-66E35819EE2D0D05.plist (MacBookPro13,2 @ 3300 HWP/3500 HWP/3600 HWP)
[16] Mac-77EB7D7DAF985301.plist (iMac14,3)
[17] Mac-7DF21CB3ED6977E5.plist (MacBookAir6,2)
[18] Mac-81E3E92DD6088272.plist (iMac14,4)
[19] Mac-937CB26E2E02BB01.plist (MacBookAir7,2 @ 2700/3200)
[20] Mac-9AE82516C7C6B903.plist (MacBook9,1 @ 2200 HWP/2700 HWP/3100 HWP)

[21] Mac-9F18E312C5C2BF0B.plist (MacBookAir7,1 @ 2700/3200)
[22] Mac-A369DDC4E67F1C45.plist (iMac16,1)
[23] Mac-A5C67F76ED83108C.plist (MacBookPro13,3 @ 3500 HWP/3600 HWP/3800 HWP)
[24] Mac-B809C3757DA9BB8D.plist (iMac17,1)
[25] Mac-BE0E8AC46FE800CC.plist (MacBook8,1 @ 2400/2600/2900)
[26] Mac-DB15BD556843C820.plist (iMac17,1)
[27] Mac-E43C1C25D4880AD6.plist (MacBookPro12,1)
[28] Mac-F305150B0C7DEEEF.plist (Unknown Model @ 2400/2600/2900)
[29] Mac-F60DEB81FF30ACF6.plist (MacPro6,1)
[30] Mac-FA842E06C61E91C5.plist (iMac15,1)
[31] Mac-FFE5EF870D7BA81A.plist (iMac16,2)

Please choose the desired plist for your hardware (Exit/1-31) ? 26
in your case maybe imack17,1 well be another number
Triggering a kernelcache refresh ...

Do you want to open Mac-F60DEB81FF30ACF6.plist (y/n)? type n
Do you want to reboot now? (y/n) dont type enytyng just wait

don’t type y to reboot just leve as it is opened because you ned to install nvidia webdriver .

8.) Download and install the latest NVIDIA Web-drivers and reboot as requested.

9) Download and apply the AGDPfix. just run wait for message ok and wait to confirmation.

10) Now Reboot

11) boot back in sierra hard drive, download and install Latest Version: CUDA 8.0.81 driver for MAC from nvidia

12) i well atash HWMonitor app, just copy to applications and set to start wen mac starts.

Beitrag von „onsepakise“ vom 12. Mai 2017, 12:38

Hello, very good work!

Is it possible to adapt this installation to other processors? I have almost the same configuration as you: Gigabit Ultra Gaming X99, EVGA GTX 1080 Ti Founders Edition, samsung 960 MVMe, but I have a Xéon E5 2630 V3 ...

I suspect that IOCPUNumber must be changed (11 for the 6850 => 15 for the E5)

But I do not know what other changes are necessary and if there are any-

When I boot with clover, gets to the line:

MAC Framwork successfully initialized
AMFILoadTrustedKeysFromNVRam: failed getting NVRAM
Using 16384 buffer headers and 10240 cluster IO buffer headers

My level of knowledge does not allow me to do anything other than to solicit you!

Thank you very much !

Beitrag von „sygey“ vom 31. Mai 2017, 11:30

Hi! onsepakise!

I think you must remove all dsdt and ssdt files from acpi patched folder from clover .

And try not use all kext just try with essential kext fake smc and vodootscsync try to test with one by one kext

maybe you can try just with the dsdt file inside acpi patched folder

you have to play with some settings in clover config file ... special in Acpi section and Kernel & kext patches .

And a very important think its...that my fake cpu ID 0x0306F2 its not god for your processor type you have to find a fake cpu id for your model and change it in config plist kernel and kext patches

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Beitrag von „FuurioBR“ vom 6. Juni 2017, 23:26

How can I use this with i7-5960X ??

Also
"6.)Download my (PostinstallEFI.zip) extract and replace entyre EFI folder from your Sierra hard drive."
You mean the usb EFI or do this after the MacOS installation?

Beitrag von „sygey“ vom 8. Juni 2017, 21:09

After the MacOS installation! Postinstall CLOVER.zip

Beitrag von „sirbrem“ vom 9. Juni 2017, 17:52

Great work! I got this working on my Gigabyte Phoenix-X99 SLI mobo with the same processor and the Samsung 960 Pro SSD. Rather than using the HackrNVMe kext, I installed patch-nvme.

Have you tried updating to 10.12.5? I'm scared to run the update now that I have a nice working system.

Beitrag von „sygey“ vom 10. Juni 2017, 19:22

I turned on autoupdates and I never had problems.
I,m running now 10.12.5 its very stable no issues
I have 2 hard drives with macOS Sierra , one for testing and one working untouched sistem
one the testing ssd I installed also beta versions 10.12.6 to test its all working ok on this sistem but no video on 10.12.6 because I no Nvidia web driver for this version....so no graphics!

After you update to 10.12.5 you need to download new Nvidia web driver for 10.12.5 and install, after install don't restart just run and apply the AGDPfix and restart

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Beitrag von „griven“ vom 16. Juni 2017, 21:27

Or simply use NvidiaGraphicsFixup alongside with Lilu - Generic kext patcher (neue Grundlage für AppleALC 1.1.x und Shiki 2.x.x) and never again care about ADGPfix 

Beitrag von „sygey“ vom 30. September 2017, 22:38

I installed High Sierra without any problems and xcpm works!

All USB ports works but I'm pretty shore that not full . I mean I think it works just as usb 2.

I not tested!

Here are some screens an the files updated!

Beitrag von „sirbrem“ vom 17. November 2017, 18:38

Did you have to reinstall the NVIDIA drivers after installing High Sierra? It looks like you are using NvidiaGraphicsFixup.kext now instead of using the AGDPfix, correct?

Does installing High Sierra attempt to overwrite the EFI partition, or can I simply run the installer?

Also, is the HackrNVMeFamily kext still needed? I heard High Sierra was supposed to have better native NVMe support.

Any tips for the update process?

Beitrag von „al6042“ vom 17. November 2017, 18:47

Since the WebDrivers for Sierra are not supported under High Sierra, the definitely have to be updated.
Yes, with the NvidiaGraphicsFixup you can get rid of the AGDPfix.
As always, the OSX/macOS-Update does not change anything within the /EFI/CLOVER-directory, but be aware, that a couple of KextsToPatch-entries in your config.plist might have to changed, since the older Sierra-entries are not working anymore.

You can find a small collection of newer K2P-entries in the following post:
Neue Clover "KextsToPatch"-Einträge für Sierra & High Sierra

Beitrag von „cra1n“ vom 4. März 2018, 21:58

Hello, i have the same Processor i7 6850k and running Sierra 10.12.6. I cant update to High Sierra because of my MSI X99 Board, but thats not the point.

My CPU Score is bit lower than yours. (Novabench CPU Score 1001, Cinebench only 1000 and Geekbench Multicore Points 14000.)

I overclocked my 6850k to 4,2 GHZ. It should be faster? What Kexts/Drivers can improve my CPU performance under OSX? Especially the Geekbench Multicore Score is way too low.

I use VoodooTSC with IOCPU to 11...

Thanks for help

EDIT: I got more performance with the Kernel Patch: replace 89D8C1E008B99901 with B800300000B99901. 12k more Multicore Performance

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Beitrag von „sirbrem“ vom 5. März 2018, 18:46

> Zitat von sirbrem
>
> Did you have to reinstall the NVIDIA drivers after installing High Sierra? It looks like you are using NvidiaGraphicsFixup.kext now instead of using the AGDPfix, correct?
>
> Does installing High Sierra attempt to overwrite the EFI partition, or can I simply run the installer?
>
> Also, is the HackrNVMeFamily kext still needed? I heard High Sierra was supposed to have better native NVMe support.
>
> Any tips for the update process?
>
> Alles anzeigen

I have High Sierra 10.13.3 running on my Gigabyte X99-Phoenix-SLI mobo with i7-6850k, Samsung 960 Pro and NVIDIA GTX 1080ti. You don't need the HackrNVMe driver or any of the .aml patches. Samsung NVMe drives are supported natively now.

Look up "The Perfect Customac Pro - macOS High Sierra 10.13 on X99" for instructions.

Beitrag von „floris“ vom 6. April 2018, 00:13

@cra1n

May you need a "CPU-Power-Managment"-Profile for your CPU-Type.

There is a script from Piker Alpha (ssdtPRGen script). This Profile has information for the CPU-Power-Managment to increase the Multicore-Performance.

Without Profile my Xeon E5-1650v4 (6core with 3.6GHz) has only Macbook Pro 2017 4-Core-CPU Performance. The "CPU-Power-Managment"-Profile increases to max. 6-Core-CPU-Performance (ca. 1095 CPU-Cinebench Tests approximately Windows Performance)