

Gigabyte Aorus B550 Elite V2 - Ryzen 9 5900X - RX 580 - MacOS 12.1 Monterey OC 0.7.6 EFI

Beitrag von „kimball“ vom 8. Januar 2022, 17:45

Hello Together,

i have build successful my Ryzentosh EFI.

My Specifications:

CPU: AMD Ryzen 9 5900X

RAM: 2x 8GB Corsair VENGEANCE DDR4 3000Mhz

Mainboard: Gigabyte Aorus B550 Elite V2 - F13 Bios Version

GPU: Powercolor AMD RX 580 - 8GB

Audio: Creative X-Fi Soundblaster 5.1 THX (USB)

My Ryzentosh is on MacOS 12.1 Monterey with OC 0.7.6

I use MacPro7.1 as SMBIOS

It works very well, but i have to optimize some things.

Whats not Working:

CPU Powermanagement

Sleeping mode

Bluetooth can not enable.

DRM is not working (Safari, Prime Video, Netflix)

Onboard Sound (I use a USB Soundcard works well)



Download EFI:

[R9:B550:RX580 Monterey OC 0.7.6 EFI Public.zip](#)

Beitrag von „apfel-baum“ vom 8. Januar 2022, 18:02

hello [kimball](#) , and



well done, issues about bluetooth - monterey has an seperatly thread [Sammelthread für BT Probleme unter Monterey](#)

sound problems belong in most cases to an alc id, if you know which chip is used for, you're able to try the ids of it -and with more or less duration it were the right one - and sound works. maybe it is an usb-port mapping problem issue too

greetz

Beitrag von „kimball“ vom 8. Januar 2022, 18:40

I benchmarked my rig with Geekbench 5 and this is my result.

i think it is not a good result and i am not happy with it.

Has someone a tuning tipp for me?

1566	12836
Single-Core Score	Multi-Core Score

Geekbench 5.4.4 Tryout for macOS x86 (64-bit)

Result Information

Upload Date	January 8th 2022, 6:46pm
Views	1

System Information

System Information	
Operating System	macOS 12.1 (Build 21C52)
Model	Mac Pro (Late 2019)
Model ID	MacPro7,1
Motherboard	Acidanthera Mac-27AD2F918AE68F61 MacPro7,1
CPU Information	
Name	AMD Ryzen 9 5900X
Topology	1 Processor, 12 Cores, 24 Threads
Base Frequency	3.70 GHz

Beitrag von „Bob-Schmu“ vom 8. Januar 2022, 19:13

Tuning tipp <https://github.com/trulyspinach/SMCAMDProcessor>

Beitrag von „kimball“ vom 8. Januar 2022, 20:53

[Bob-Schmu](#) Thanks for the tipp.

I add the kexts SMCAMDProcessor and AMDRyzenPowerManagement.

I will do now some Benchmarks.

When i am done i will share the results with you.



[apfel-baum](#) i have ALC1200 which kext do you recommend ?

Beitrag von „apfel-baum“ vom 8. Januar 2022, 20:58

[kimball](#)

applealc - and you have to look, which id would work -
<https://github.com/acidanthera...ALC/wiki/Supported-codecs>
<https://github.com/acidanthera/AppleALC/releases>

Beitrag von „kimball“ vom 9. Januar 2022, 01:13

[apfel-baum](#) thx for the tipp with Sammelthread für [BT Probleme unter Monterey](#).

I have solved the Bluetooth issue with loading the BlueToolFixup.kext.

Now i can use my TP-Link UB400 USB Dongle.

But i have some connection issues when i reconnect my AirPods Pro between my iPhone and my Ryzentosh.

There is no seamless switch between MacOS and iOS.

I have to remove the AirPods Pro from my Ryzentosh and have to push the connect button on my AirPod case for reconnect.