

B550 Gigabyte Aorus Pro (Bios: F16b (2023.02.08)) | Ryzen 7 3700X | Sapphire RX5500 XT | USBMapping via SSDT

Beitrag von „Roy Jones“ vom 22. April 2021, 18:08



- Motherboard: Gigabyte B550 Aorus Pro | rev. 1.0
- [Bios: F16b \(2023.02.08\)](#)

Major vulnerabilities updates, customers are strongly encouraged to update to this release at the earliest. Credits to "Assaf Carlsbad and Itai Liba from SentinelOne" • Introduce capsule BIOS support starting this version.

- CPU: Ryzen 7 3700x
- GPU: Sapphire RX5500 XT
- RAM: 32 GB 3200
- Festplatte: M2 1TB
- Audio Device: ALC 1220
- macOS Version: 13.3
- SMBIOS: iMacPro 1.1 macPro7.1
- OpenCore Version: 0.9.X

Hello, everyone, I finally got my system (Ryzen3700x, B550AorusPro, RX5500XT) up and running - everything works, including (Sound,Bluetooth,CPU_Temp,etc). For all who are not so patient I provide my debug-EFI. Who still has tips and optimizations, can share them with me, especially regarding USB-mapping. So, now have fun!

Best regards Fooose

LAN-Fix-Realtek® 2.5GbE LAN : open Terminal: "sudo ifconfig en0 media 1000baseT mediaopt full-duplex"

Thanks DSM2!

Update to LucyRTL8125Ethernet.kext Vers.(1.1.0d8) -->lan fix no longer required.

Bios: F15 Unfortunately, sleep does not work for me with all versions after F12.

Major settings to be changed based on the default optimal settings:

- deactivate I2C and ESPI (essential to solve the random freeze problem) it must be in BIOS (advanced mode) under Settings -> AMD CBS -> FCH Common Options NEW BiosVersion 14c, no longer necessary
- if applicable, set PCIe slot to Gen4 instead of Auto (may contribute to a better stability) NEW BiosVersion 14c, no longer necessary
- enable X.M.P. memory profile
- disable trusted computing
- disable wake and boot over LAN
- enable power loading in Platform Power settings (may contribute to a better stability)
- setup fan profiles
- Other relevant default settings:
 - Above 4G Decoding: disabled →enabled (bootoption: ncpi=2000 removed)
 - Resizable BAR support disabled
 - XHCI Hand-off: enabled

- HPET: enabled
- CSM support: enabled → disabled
- BIOS → Advanced Mode → Settings → Re-Size BAR Support, choose “Auto” (from version OC 0.7.5)
- USB declared via DSDT by <https://www.hackintosh-forum.de/user/34281-afelnico/> (from version OC 0.7.5) until OC 0.8.4
- USB via SSDT (SSDT-B550-PTXH-TO-XHC2, SSDT-B550-XHC0-TO-XHC) defines.(vers. OC 0.8.5)

You can find all my OC releases for my board [here on GitHub !](#)

Beitrag von „Roy Jones“ vom 3. August 2021, 10:54

Hi,

here now my [new EFI](#), there are some changes, for example the kernel patches from [Shanee](#).

What exactly changes you can find here.

Otherwise only small adjustments that occur with every OC update.

Have fun.

If questions, then questions !

UEFI	Dictionary	10 Schlüssel/Wert-Paare	AppleInput	Dictionary	7 Schlüssel/Wert-Paare
APFS	Dictionary	6 Schlüssel/Wert-Paare	AppleEvent	String	BuiltIn
EnableJumpstart	Boolean	YES	CustomDelays	Boolean	NO
GlobalConnect	Boolean	NO	GraphicsInputMirroring	Boolean	YES
HideVerbose	Boolean	YES	KeyInitialDelay	Zahl	50
JumpstartHotPlug	Boolean	NO	KeySubsequentDelay	Zahl	5
MacOs	Dictionary	20 Schlüssel/Wert-Paare	PointerSpeedDiv	Zahl	1
Kernel	Dictionary	11 geordnete Elemente	Kernel	Dictionary	7 Schlüssel/Wert-Paare
Add	Array	11 geordnete Elemente	Add	Array	11 geordnete Elemente
Block	Array	1 geordnete Elemente	Block	Array	1 geordnete Elemente
Emulate	Dictionary	5 Schlüssel/Wert-Paare	Emulate	Dictionary	5 Schlüssel/Wert-Paare
Force	Array	1 geordnete Elemente	Force	Array	1 geordnete Elemente
Patch	Array	20 geordnete Elemente	Patch	Array	20 geordnete Elemente
0	Dictionary	14 Schlüssel/Wert-Paare	0	Dictionary	14 Schlüssel/Wert-Paare
Arch	String	x86_64	1	Dictionary	14 Schlüssel/Wert-Paare
Base	String	_cpuid_set_info	2	Dictionary	14 Schlüssel/Wert-Paare
Comment	String	algrey - Force cpuid_cores_per_package	Arch	String	x86_64
Count	Zahl	1	Base	String	_cpuid_set_info
Enabled	Boolean	YES	Comment	String	algrey - Force cpuid_cores_per_package 12.0
Find	Daten	6 Bytes: C1E81A00 0000	Count	Zahl	1
Identifier	String	kernel	Enabled	Boolean	YES
Limit	Zahl	0	Find	Daten	6 Bytes: C1E81A00 0000
Mask	Daten	6 Bytes: FFFDF00 0000	Identifier	String	kernel
MaxKernel	String	18.99.99	Limit	Zahl	0
MinKernel	String	17.0.0	Mask	Daten	6 Bytes: FFFDF00 0000
Replace	Daten	8 Bytes: B8090000 0000	MaxKernel	String	21.99.99
			MinKernel	String	21.0.0
			Replace	Daten	8 Bytes: B8090000 0000