

Gigabyte Z590i Aorus Ultra Probleme?

Beitrag von „Bob-Schmu“ vom 23. März 2022, 12:57

Je mehr du an der EFI baust, desto schlimmer wird es, da ist doch nichts kompliziert dran, das von A-Z

<https://dortania.github.io/Ope...-lake.html#starting-point>

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7.5 Emulate Properties

1. CpuidData

Type: plist data, 16 bytes

Fail-safe: All ones

Description: Sequence of EAX, EBX, ECI, EED values to replace CPUID (1) call in XNU kernel.

This property primarily meets three requirements:

- Enabling support for an unsupported CPU model (e.g. Intel Pentium).
- Enabling support for a CPU model not yet supported by a specific version of macOS (typically old versions).
- Enabling XCPM support for an unsupported CPU variant.

Note 1: It may also be the case that the CPU model is supported but there is no power management supported (e.g. virtual machines). In this case, #noexternal and #noexternal can be set to restrict CPU virtualization and dummy power management patches to the particular macOS kernel version.

Note 2: Only the value of EAX, which represents the full CPUID, typically needs to be accounted for and remaining bytes should be left as zeros. The byte order is Little Endian. For example, C3 06 03 00 stands for CPUID 0x0306C3 (Haswell).

Note 3: For XCPM support it is recommended to use the following combinations. Be warned that one is required to set the correct (frequency vectors) matching the installed CPU.

- Haswell-E (0x0306F2) to Haswell (0x0306C3)
CpuidData: C3 06 03 00 00 00 00 00 00 00 00 00 00 00 00 00
CpuidMask: FF FF FF FF 00 00 00 00 00 00 00 00 00 00 00 00
- Broadwell-E (0x0406F1) to Broadwell (0x0406D4)
CpuidData: D4 06 03 00 00 00 00 00 00 00 00 00 00 00 00 00
CpuidMask: FF FF FF FF 00 00 00 00 00 00 00 00 00 00 00 00
- Comet Lake U62 (0x0A0660) to Comet Lake U12 (0x0A06E2)
CpuidData: E2 0A 06 00 00 00 00 00 00 00 00 00 00 00 00 00
CpuidMask: FF FF FF FF 00 00 00 00 00 00 00 00 00 00 00 00
- Rocket Lake (0x0A0670) to Comet Lake (0x0A0655)
CpuidData: 55 0A 06 00 00 00 00 00 00 00 00 00 00 00 00 00
CpuidMask: FF FF FF FF 00 00 00 00 00 00 00 00 00 00 00 00
- Alder Lake (0x0D0672) to Comet Lake (0x0A0655)
CpuidData: 55 0A 06 00 00 00 00 00 00 00 00 00 00 00 00 00
CpuidMask: FF FF FF FF 00 00 00 00 00 00 00 00 00 00 00 00

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<https://github.com/DalianSky/OS-X-USB-Inject-All>

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PciRoot(0x0)/Pci(0x1C,0x1)/Pci(0x0,0x0)

This entry relates to Intel's I225-V 2.5GbE controller found on higher end Comet Lake boards, what we'll be doing here is tricking Apple's I225LM driver into supporting our I225-V network controller.

Key	Type	Value
device-id	Data	F2188888

• Note: If your board didn't ship with the Intel I225 NIC, there's no reason to add this entry.
• Note 2: If you get a kernel panic on the AppleIntelI201Ethernet.kext, your Ethernet's path is likely `PciRoot(0x0)/Pci(0x1C,0x1)/Pci(0x0,0x0)`.

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SMBios auf iMacPro1,1 und die Rocket Lake UHD750 im Bios deaktivieren, funktioniert eh nicht unter macOS.

Als kleine Tool Hilfe kannst das nutzen

[OpenCore Auxiliary Tools \(OCAT\): Config, OpenCore, Drivers, Kexts und Resources stressfrei aktualisieren](#)

Da gibt es auch schon eine fertige config in der Datenbank.

Fertig ist die EFI.