

NUC6i3SYK OC Monterey HDMI AUDIO, möglich?

Beitrag von „Hecatomb“ vom 27. August 2023, 00:17

Also

hast du alle layouts versucht?

layout 1, 3, 11, 12, 13, 15, 44, 45, 66, 73, 88

hab doch zuletzt noch etwas bezüglich der Problematik hier bei rehabman gelesen...der hat doch da was wegen nuc´s erwähnt.

- FakePCIID_Intel_HDMI_Audio.kext: This kext will attach to 8086:0c0c, 8086:9d70, 8086:9d71, 8086:9d74, 8086:a170, 8086:a171, 8086:a2f0, 8086:a348, or 8086:9dc8

The purpose is to provide support for unsupported HDAU (native B0D3) or unsupported HDEF (100-series, 200-series, 300-series)) devices which provide HDMI-audio on Haswell(+) systems. 8086:0c0c is one such unsupported ID. The other two 8086:0d0c, and 8086:0a0c are supported. This kext, AppleHDAController, loads by PCI class, so you normally would not inject device-id for it, but to allow FakePCIID to work, you may need to inject RM,device-id (one of the supported IDs). By default for Haswell HDAU, the kext injects RM,device-id=<0c 0a 00 00> (0x0a0c). For 100-series and later HDEF, the kext injects RM,device-id=<70 a1 00 00> or <70 9d 00 00> depending on HDEF device-id (refer to the Info.plist).

You can override it with a DSDT edit or ACPI injection via SSDT.

For example (_DSM patch for HDAU device for FakePCIID and HDMI audio, if you wanted 0x0d0c instead of 0x0a0c):

Code

1. into method label _DSM parent_adr 0x00030000 remove_entry;
2. into device name_adr 0x00030000 insert
3. begin
4. Method (_DSM, 4, NotSerialized)\n

5. {\n If (LEqual (Arg2, Zero)) { Return (Buffer() { 0x03 }) }\n Return (Package())\n {\n "RM,device-id", Buffer() { 0x0c, 0x0d, 0x00, 0x00 },\n "hda-gfx", Buffer() { "onboard-1" },\n }\n }\n}
6. }\n}
7. end;

In the case of Skylake 8086:9d70 or 8086:1a70, it is attaching to the HDEF device (usually called HDAS, but renamed to HDEF to match what Apple expects). Skylake HDMI/DP audio codec is on HDEF along with onboard audio. It injects RM,device-id=<70 a1 00 00> for 0x9d70 and RM,device-id=<70 9d 00 00> for 0xa170. In other words, with these two device-ids, it will reverse them. Try it if you have everything set correctly for HDMI/DP audio, but it is not working. This was discovered by noting that Skylake HDMI audio works on the NUC6i7KYK (Skull Canyon), but not the other NUC6 devices. It is quite system dependent. Some computers need them swapped, others do not. So test both with and without.

This next won't fix other problems/mistakes you may have with your HDMI/DP setup (eg. missing "hda-gfx", mismatched "layout-id" injection, incorrect or wrong framebuffer patches, or missing ACPI renames).

link zur source:

<https://github.com/RehabMan/OS-X-Fake-PCI-ID>

In der efi die ich dir gesendet hab, also die nicht booten ging, da stand auch glaub ne andere id drin, bin da aber nicht mehr ganz sicher ob es ne gleiche id, wie du genutzt hast war.