Erledigt Neuanschaffung Kompatibilitätsfrage

Beitrag von „rubenszy“ vom 12. April 2019, 12:44

Gigabyte ist immer noch so drin von früher, da war Gigabyte das problemloseste was man einbauen konnte, auch Ozmosis hatte den Hersteller geprägt für Kompatibilität und Zuverlässigkeit.

Heute mit CVlover und deren Stetiger weiter Entwicklung ist es eigentlich egal was man sich für ein Board einbaut.

Zu deinem Problem mit MSR(0xE2)

https://github.com/acidanthera/AptioFixPkg

VerifyMsrE2

Certain firmwares fail to properly initialize 0xE2 MSR register (`MSR_BROADWELL_PKG_CST_CONFIG_CONTROL`) across all the cores. This application prints 0xE2 values of all the cores and reports 0xE2 status. The notable example of desyncrhonised 0xE2 MSR registers are several GIGABYTE UEFI firmwares for Intel 100 Series and Intel 200 Series chipsets.

CFG Lock option is available on most APTIO V firmwares, although it may be hidden from the GUI. If VerifyMsrE2 reports that your 0xE2 register is consistently locked, you may try to unlock this option directly.

1. Download UEFITool and IFR-Extractor.
2. Open your firmware image in UEFITool and find `CFG Lock` unicode string. If it is not present, your firmware does not support this and you should stop.
3. Extract the Setup.bin PE32 Image Section that UEFITool found via Extract Body.
4. Run IFR-Extractor on the extracted file (e.g. `./ifrextract Setup.bin Setup.txt`).
5. Find `CFG Lock, VarStoreInfo (VarOffset/VarName):` in `Setup.txt` and remember the offset right after it (e.g. `0x123`).
6. Download and run a modified GRUB Shell, thx to brainsucker for the binary.
7. Enter `setup_var 0x123 0x00` command, where `0x123` should be replaced by your actual offset and reboot.

oder dieses hier