

Erledigt

Ozmosis GA Z97MX Gaming 5 - High Sierra - no boot

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Not necessarily it died but things are more complicated with the introduction of APFS as they were on Sierra and before...

The message you get is the debug output of APFS and it indicates that the APFS Driver is not designed to run that way it is not meant to be part of the (U)EFI. If you browse through Apples Firmware files all you find is a so called JumpStart driver (around 13KB) but nothing like APFS.efi (compressed 280KB, deflated around 500KB). Since I am no coder my best guess on this is that Apple uses the Jumpstart Driver in their Firmware to just start the APFS.efi from the partition which should be used to boot up. Doing so is pretty smart since APFS is still in development and Apple can replace it with every Update to HighSierra without the need to reflash the Firmware again and again. Unfortunately this way does not work on our rigs since Apples Jumpstart Driver won't do anything at all when you insert it into the ROM instead of APFS so for now we have to use this "dirty" way to get things going.

Due to this limitations OZ sometimes will fail to pick up APFS volumes to add them as boot entries as well (they can easily be added per EFI Shell though). Talking about the installer NVRAM becomes more important then ever before. To be successful the NVRAM has to be writable and persistent since each installer step will add/modify a NVRAM entry before reboot. This entry is used after reboot to locate the installer Files and continue the installation. If the NVRAM ist not persistent across reboots this information get lost and the process of installation is stopped at this point (your PC/OZ simply do not know that a pending installation is sitting around and waiting to be completed)...