

## **Erledigt** VoodooSDHC ist zurück

**Beitrag von „kaim“ vom 30. Januar 2017, 18:00**

**Hi Thogg Niatiz**

Seems that i missed that... but it could be done thus. And thanks for English =)

It's strange (IOReg). Look on ACHI device - it is called "USB2.0-CRW" - should be there!

The bad news is that I can't be sure in which exact model that kind of card reader is located! Regarding laptop - if we could figure out some not very expensive model available on amazon\ebay I may consider buying it for you as a test device.

The issue is: there is a so called universal USB card reader kext or a way to modify original Apple kext to allow OS X use virtually any USB card reader. BUT RTS5129 (devID 0129) has some kind of issue that prevents it from functioning with any known driver (the Realtek driver is for 10.9 OS). It seems there are some bugs in firmware that both Apple and Realtek are aware of and in original driver a dedicated mechanism was implemented that allows to bypass firmware check and force OS X to use the device (with what ever result it will cause).

I spent quite a time researching the matter and figured out that currently there is no solution for 10,9+ systems. Device could be recognized by modified Apple or alternative kext, but will not recognize any cards inserted. My guess is that it is due the power management mechanism implemented: seems that card reader is fully activated only when card is inserted in it. But I might be wrong.

My knowledge is not enough to write a driver myself or even diagnose the issue correctly. But if we will fail with a laptop, I would appreciate your assistance in digging that shit driver to figure out what is preventing OS X from using the device.

There is a working Linux and BSD driver for that device.