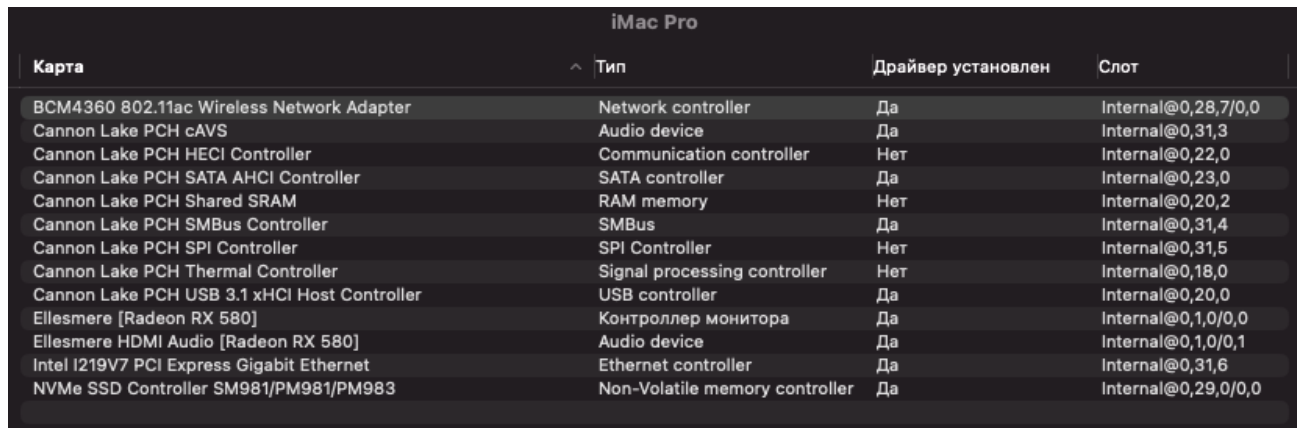


Z390 Gaming X Can't install 4 drivers on PCI devices. MacOS 11.1

Beitrag von „mif3“ vom 2. Januar 2021, 18:40



Карта	Тип	Драйвер установлен	Слот
BCM4360 802.11ac Wireless Network Adapter	Network controller	Да	Internal@0,28,7/0,0
Cannon Lake PCH cAVS	Audio device	Да	Internal@0,31,3
Cannon Lake PCH HECI Controller	Communication controller	Нет	Internal@0,22,0
Cannon Lake PCH SATA AHCI Controller	SATA controller	Да	Internal@0,23,0
Cannon Lake PCH Shared SRAM	RAM memory	Нет	Internal@0,20,2
Cannon Lake PCH SMBus Controller	SMBus	Да	Internal@0,31,4
Cannon Lake PCH SPI Controller	SPI Controller	Нет	Internal@0,31,5
Cannon Lake PCH Thermal Controller	Signal processing controller	Нет	Internal@0,18,0
Cannon Lake PCH USB 3.1 xHCI Host Controller	USB controller	Да	Internal@0,20,0
Ellesmere [Radeon RX 580]	Контроллер монитора	Да	Internal@0,1,0/0,0
Ellesmere HDMI Audio [Radeon RX 580]	Audio device	Да	Internal@0,1,0/0,1
Intel I219V7 PCI Express Gigabit Ethernet	Ethernet controller	Да	Internal@0,31,6
NVMe SSD Controller SM981/PM981/PM983	Non-Volatile memory controller	Да	Internal@0,29,0/0,0

Can someone tell me which direction to move in? The system is not bad, I want to bring it to mind, so that everything would be beautiful.

Z390 Kaming X; Radeon RX 580 8G; Samsung SSD 970 EVO Plus 250GB; Corsair RMi 850W; Kingston DDR4 2x8G 3200 МГц; i7-9700F CPU @ 3.000-4.700 GHz; (Wi-Fi +Bluetooth)-BRCM20702; OpenKore 0.6.4

Beitrag von „al6042“ vom 2. Januar 2021, 19:07

Hi [mif3](#) and welcome to the forum... 😊

Those four devices do not need dedicated drivers/kexts to work at all.

I get the same devices shown without installed drivers:

Card	Type	Driver Installed	Slot
AMD Navi 10 [Radeon RX 5700 XT]	gpu-controller	Yes	Internal@0,1,0,0,0,0,0,0
AMD Navi 10 HDMI Audio	Audio device	Yes	Internal@0,1,0,0,0,0,0,1
BCM43602 802.11ac Wireless LAN SoC	Network controller	Yes	Internal@0,2,0,0,0,0,0,0
Cannon Lake PCH USB	Audio device	Yes	Internal@0,21,3
Cannon Lake PCH HECI Controller	Communication controller	No	Internal@0,22,0
Cannon Lake PCH SATA AHCI Controller	SATA controller	Yes	Internal@0,23,0
Cannon Lake PCH Shared SRAM	RAM memory	No	Internal@0,20,2
Cannon Lake PCH SMBus Controller	SMBus	No	Internal@0,21,4
Cannon Lake PCH SPI Controller	Serial bus controller	No	Internal@0,21,5
Cannon Lake PCH USB 3.1 xHCI Host Controller	USB controller	Yes	Internal@0,20,0
E12 NVMe Controller	Non-volatile memory controller	Yes	Internal@0,1,0,0,0
E12 NVMe Controller	Non-volatile memory controller	Yes	Internal@0,1,0,0,0
Intel (219V7 PCI) Express Gigabit Ethernet	Ethernet controller	Yes	Internal@0,31,6
NVMe SSD Controller SM961/PM961	Non-volatile memory controller	Yes	Internal@0,29,0,0,0
NVMe SSD Controller SM961/PM961	Non-volatile memory controller	Yes	Internal@0,27,0,0,0

The system is working nonetheless... 😊

Beitrag von „mif3“ vom 3. Januar 2021, 22:28

Cannon Lake PCH SMBus Controller - Solved the problem with installing the SSDT-SBUS-MCHC driver. It seems necessary to look in this direction in order to correct others.

Beitrag von „al6042“ vom 3. Januar 2021, 22:33

Interesting...

What problem do you refer to?

Did something not work at all or was it just the symptom that it does not show a installed driver in the system information window?

Beitrag von „mif3“ vom 3. Januar 2021, 22:40

I didn't have 5 drivers installed when I added SSDT-RHUB.aml to ACPI, Cannon Lake PCH SMBus Controller started working.

Beitrag von „al6042“ vom 3. Januar 2021, 22:45

Is there any need to use bigger letters?

Did something not work, while your system information shows the driver for the SMBus Controller as "not loaded"?

Does the system work better when your system information shows the driver for the SMBus Controller as "loaded"?

Beitrag von „mif3“ vom 3. Januar 2021, 22:54

Sorry, I was in a hurry, I did not write correctly. Must - SSDT-SBUS-MCHC.aml

Beitrag von „al6042“ vom 3. Januar 2021, 22:57

That I understand, but I still don't know if it does more than just switch the system information driver detail from "not loaded" to "loaded"...

Beitrag von „mif3“ vom 3. Januar 2021, 22:58

See the difference in IORegistryExplorer. Before and after installing the driver

Beitrag von „al6042“ vom 3. Januar 2021, 23:00

Ok...

it sets information in SysInfo and IOReg.

Do you recognize if something else works better as before or at all while you're using the computer?

Beitrag von „mif3“ vom 3. Januar 2021, 23:10

I understand that the system is working (basic), but not all controllers are working. Some processes are not working. Therefore, I try to bring the system to mind.