
Subject: : AmigaOS4

Topic: : ACube/AEon - more info about PCIe cards in SAM440, please

Re: ACube/AEon - more info about PCIe cards in SAM440, please

Author: : Spectre660

Date: : 2020/12/22 14:35:07

URL:

@mr2

U-Boot was showing with the version from 4+ years ago so the actual test is if AmigaOS 4.1 boots.

The device id would show the exact PEX version in the adapter. in the old log below it indicates PEX8112 .

00 0c 10b5 8112 0604 00

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===== PuTTY log 2014.07.19 06:28:46 =====

U-Boot 1.3.1e (Jul 5 2012 - 19:02:53)

CPU: AMCC PowerPC 440EP Rev. C at 799.999 MHz (PLB=133, OPB=66, EBC=66 MHz)

I2C boot EEPROM enabled

Bootstrap Option H - Boot ROM Location I2C (Addr 0x52)

Internal PCI arbiter enabled, PCI async ext clock used

32 kB I-Cache 32 kB D-Cache

Board: Sam440ep-flex

I2C: ready

DRAM: 1024 MB

PCI: Bus Dev VenId DevId Class Int

01 04 1013 6005 0401 00

01 05 1033 0035 0c03 00

01 05 1033 0035 0c03 00

01 05 1033 00e0 0c03 00

00 0a 12d8 8150 0604 00

02 00 1002 683f 0300 ff

02 00 1002 aab0 0403 ff

00 0c 10b5 8112 0604 00

00 0e 1095 3114 0180 00

In: serial

Out: serial

Err: serial

Net: ppc_4xx_eth0, ppc_4xx_eth1

SM502: not found

VGA: 1

VESA: OK

msr = 0x00001030

rtg.library PPC440ep optimizations enabled

RadeonHD.card (2): Obtaining ITimer interface

RadeonHD.card (2): Got ITimer interface

RadeonHD.card (2): Returning from LibInit().

RadeonHD.card (4): RadeonHD.chip 1.0 (29.03.2014)RadeonHD.chip (5): rhdOpen called

RadeonHD.chip (2): PCI device is a graphics card.

RadeonHD.chip (2): RadeonHD cipset identified as: VERDE

RadeonHD.chip (4): Enabling blind prefetch on the PEX 8112 bridge

RadeonHD.chip (2): Obtaining memory and I/O addresses and sizes

RadeonHD.chip (2): Video RAM at: 0xB0000000, size is 268435456 bytes

RadeonHD.chip (2): Graphics card I/O range at: 0x0xC0000000, size is 262144 bytes

RadeonHD (2): Graphics card name is: Radeon HD 7700 Series

RadeonHD (2): Identified the chipset as: VERDE

RadeonHD (2): If - and only if - your card does not work or does not work optimally
please contact Hans de Ruiters at hans --email-sign-- hdrlab.org.nz to help rectify this.

Use the subject: 0x683F:0x1545:0x7750: <name of board>

and *please* describe the problems you are seeing

in your message.