



After APU1d4 update there are no bootable devices

gsgleason Jan 28th 2022



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[Beginner]

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1

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I have an APU 1D4. I was running the Build 4/5/2014 (current production) (<https://www.pcengines.ch/file/apu140405.zip>) from <https://www.pcengines.ch/apu1d4.htm> (<https://www.pcengines.ch/apu1d4.htm>)

I have been having issues getting it to work installing debian via USB. It was never displaying the grub menu, and after some research people said updating the firmware fixed it.

When I searched for APU1 firmware, I came across this: <https://pcengines.github.io/#mr-54> (<https://pcengines.github.io/#mr-54>)

So I installed apu1_v4.15.0.2.rom with the same method I used to test the different BIOS in on the apu1d4.htm page:

Code



```

1. root@apu1d4:~ # flashrom -w apu1_v4.15.0.1.rom -p internal -c MX25L1605A/MX25L1606E/MX25L1608E
2. flashrom v1.2 on FreeBSD 13.0-RELEASE (amd64)
3. flashrom is free software, get the source code at https://flashrom.org
4.
5. Using clock_gettime for delay loops (clk_id: 4, resolution: 70ns).
```

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I went ahead and ran it again with the boardmismatch=force option and upon reboot it didn't see any drives. I pressed F10 and then went into setup and saved settings, then it seemed to work, but now I'm concerned, especially with this: "This coreboot image (PC Engines:apu1) does not appear to be correct for the detected mainboard (PC Engines:APU)."

Did I mess up?



mkopec

[Administrator]

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Yes, unfortunately this is a known issue that will be fixed in the next release. The disk isn't detected after a coldboot but will be detected after a reboot.

We're tracking this issue here: <https://github.com/pcengines/apu2-documentation/issues/287> (<https://github.com/pcengines/apu2-documentation/issues/287>), it's also noted in the known issues section on pcengines.github.io.

Before the next release, in the meantime, you can roll back to the previous release which does not have this problem: <https://pcengines.github.io/#mr-52> (<https://pcengines.github.io/#mr-52>)

> Did I mess up?

You've done nothing wrong, this is expected when updating from older versions, and it's documented here: <https://pcengines.github.io/ap...herboard-mismatch-warning> (https://pcengines.github.io/apu2-documentation/firmware_flashing/#motherboard-mismatch-warning)

PhotoJim likes this.

