

Subject: : AmigaOS4

Topic: : What is the AmigaOne XE DMA fix?

Re: What is the AmigaOne XE DMA fix?

Author: : Rob

Date: : 2018/6/26 20:02:53

URL:

@Raziel

Quote:

There was a problem with the original run of XE motherboards which could lead to a crash or freeze when using e.g. internet through the onboard LAN chip.

All XEs and SEs had the same conflict with the LAN when the ATA controller had DMA enabled. Only the Micro A1 had shipped with the fix. A few people knew how to perform the fix at the time, while Alan Redhouse refused to make the fix public and somewhat prophetically warning that there may be unforeseen consequences. It was later discovered you had to disable USB when using a RadeonHD card if your board had the fix done.

Most people either disabled the ATA DMA or installed a PCI ATA controller to get around the problem.

@Helloworld

The DMA fix is best avoided but there was a separate USB fix which resolved the problem with USB devices not being recognized after being unplugged and another being plugged. It's better not to make modifications to a working XE and if you have any niggles with your USB you can resolve them with an active USB that has it's own PSU.

P.S.

I hope that Hans can get that 7750 of yours working.