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Subject: Ryzen and PARIS

Posted by [mikeaudet](#) on Tue, 12 Jul 2022 15:37:14 GMT

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I bought a Ryzen based system with a PCI card to use with PARIS, and it does not work. There's something wrong with the PCIe/PCI implementation. I spent days debugging it, but it's not a driver problem as far as I can tell. The behaviour is the same using the Virtua Via chassis, a Magma PCI-PCI chassis, and plugging an EDS card directly onto the board. There is no blue screen. The system just restarts when the driver writes to the memory on the card. It doesn't restart on the first write, but after several. I have a ticket in with ASUS, but I'm not holding my breath.

This is the motherboard that does not work:

<https://www.asus.com/ca-en/Motherboards-Components/Motherboards/CSM/Pro-B550M-C-CSM/>

I found lots of other posts online that documented people having trouble using the PCIe slots on Ryzen systems, including UAD2 cards. It looks to me like the PCIe implementation is just not quite right.

Has anyone else got a Ryzen based system working with PARIS?

I've ordered one of these:

<https://www.asus.com/Motherboards-Components/Motherboards/CSM/Pro-B460M-C-CSM/>

I should know in a week if it's going to work. I expect that it will.

After I order the B460 board, I found this:

<https://www.asrock.com/MB/Intel/B660M-HDVPD5/index.asp>

This looks even better, but I didn't see it in time.

All the best,

Mike

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