
Subject: Using 2 x Magma chassis' in one DAW
Posted by [Deej \[1\]](#) on Sat, 10 Jun 2006 05:20:20 GMT
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In my ongoing quest to get this 3 x RME card/4 UAD-1 card DAW happening without the occasional crash or crackling in the audio, I am experimenting with 2nd Magma chassis (a 7 slot unit) All of my UAD-1 cards are in the 13 slot chassis and all occupy IRQ 19 with the host card in mobo PCI slot #4. I have been able to get my two HDSP 9652's on IRQ 17 & 18 by putting them in the 7 slot Magma with the host card in mobo PCI slot #3.

Adding the Multiface PCI card to this chassis scrambles the IRQ assignments to the point that either one of the HDSP RME cards is on IRQ 16 with the video card and/or one of the cards is sharing an IREQ with the UAD-1 cards.....both bad scenarios. However, putting both HDSP cards in slots 1 & 2 of the 7 slot Magma and my Multiface PCI in slot #2 of the mobo has allowed the RME cards to live on IRQ's 17 and 18, the UAD-1 cards to occupy IRQ 19 and the video card to occupy IRQ 16. The DAW has been running for over an hour in playback mode without crashing. Tomorrow I'll be stressing it big time to see if the crackling in the audio is resolved. If I'm successful, I'll have pushed this system about as far as this architecture can go I think.

Though it appears that the 7 slot Magma may have solved my problem, in a way it's sort of disappointing. I was expecting a friendlier IRQ assignment scenario. I recently sold a 7 slot SBS chassis because after getting the 13 slot Magma and having good luck with it, I figured the Magma's were just a better product. Now I have my doubts. I think the 7 slot SBS chassis was at least as friendly as the 7 slot Magma, and perhaps moreso. My previous experience with the SBS leads me to believe that I might have been more successful with it in my current scenario than with the Magma.

Anyway.....it's hard to say and if my testing tomorrow goes well, I'll be settling into mix mode. I've got a lot to do here.

I do have another dual core CPU and video card on order right now and a Gigabyte NForce 3 mobo. This mobo is also supposed to be friendly with UAD-1 cards. I'll probably be building another system with this. For what exactly, I'm not quite sure. If my current system is stable tomorrow, I'll be leaving it be, most likely.....yeah.....right!!!.....Hey.....if someone wants to loan me an EDS card, 442 a and C-16, I might bench this thing and see if I can get Paris working with a dual core CPU.

That might be a worth while experiment.

;o)
