
Subject: Random Thoughts

Posted by [Neil](#) on Tue, 23 Oct 2007 05:45:18 GMT

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I need to start using

>it. I've spent quite a bit of time and effort getting all my hardware DSP

>processors to function at 88.2 and I wanted to try to offload as much CPU

>load to outboard hardware and DSP cards as possible. Since my UAD-1

>resources will be cut in half, the extra POCO's will be there to pick up
the

>slack. I've got a couple of 750GB SATA Barracudas to handle the

>recording/playback and backup so here goes.

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>Upsampling existing projects in Cubase is pretty easy to accomplish and

>perhaps the OD's and final DSP processing at 88.2 will add a bit of extra

>mojo to the mixes.....before they get hosed by the MP3 codec.

>

>Just in case someone wants to go down this road, the compatible slots in

>the Magma are as follows:

>

>1, 5, 7 and 11 share IRQ 17

>2 and 6 share IRQ 18

>If you are adding a second Magma, use 1, 5, 7 or 11 for any audio cards

or

>DSP cards. They will all probably populate IRQ 19, or some other compatible

>IRQ that doesn't share with the AGP, or the devices in the other Magma.

If

>you've got two PCI slots that don't share with the AGP or each other this

>should work.

>

>OK....I'm off to give this thing a hard test drive. I'll let you know if

>anything catches on fire.

>

>;o)

>

>

>No in Co. Springs at least - there is probably something similar in Denver.

We have the normal local computer shops, but all are expensive, and hit or
miss on what you'll find - usually

it's dated gear.

"Lamont" <jjdpro@gmail.com> wrote in message news:475b161b\$1@linux...

>

> Dedric, are their any

> Fyrys or MicroCenters?

>

>

> "Dedric Terry" <dterry@keyofd.net> wrote:

>>

>>

>> [http://money.cnn.com/2007/12/07/technology/compusa.ap/index.htm?postversion=](http://money.cnn.com/2007/12/07/technology/compusa.ap/index.htm?postversion=3D2007120719)

>>[on=3D2007120719](http://money.cnn.com/2007/12/07/technology/compusa.ap/index.htm?postversion=3D2007120719)

>>

>>Looks like the end for CompUSA. Dang. Now there's nowhere local here =

>>to buy anything computer related besides Best Buy,

>>which is limited in some parts areas, and Staples which is even more =

>>limited. Guess it's all online ordering from here on out.

>>

>>Also sucks since I have a 2 year replacement/service contract on my 24"

> =

>>display through CompUSA.

>>

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>>display through CompUSA.</DIV></BODY></HTML>

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>OK Neil.

Thanks for the pointers. these higher sample rates are something new to me. I read an article by a heavy hitter engineer a while back where he said that he upsamples everything to 88.2 for mixing, just to get some benefit from the plugin resolutions.

Both POCO's are behaving nicely with the UAD-1's. I'll bet I could even get another one working. Might be worth a try. The older MK1 cards are dirt cheap on EBay these days. The higher rates really do suck the resources on a UAD-1 card....big time. I would venture to say that 88.2 may take a bit more than twice the bandwidth of 44.1 on these cards. A single La-2A takes 7% of the resources across 4 x cards. that's a pretty hefty chunk 'O DSP.

"Neil" <OIUOI@OIU.com> wrote in message news:475b173b\$1@linux...

>
> FWIW, I don't believe you'll get much benefit from
> upconverting a 44.1 song to 88.2 - the plugin's will
> process with the higher resolution, but there's
> not going to be anything better about the files that were
> originally tracked at 44.1, so unless you've got a lot of
> overdubs to do on each of those songs, you're probably better
> off staying at 44.1 for the rest of the tracking, but then when
> you mixdown, go ahead & render to an 88.2k/24-bit stereo file
> for mastering purposes.
>
> Neil
>
>
> "DJ" <animix _ at _ animas _ dot _ net> wrote:
>> I've got two Powercore cards and 4 x UAD-1 cards working in a single 13
>
>>slot Magma with the POCO's sharing IRQ 18 and the UAD-1's sharing IRQ 17.
> My
>>3 x RME cards are in a second Magma all sharing IRQ 19 so pending a
>>serious
>
>>torture test to test the PCI bandwidth, it appears that this may play
>>nice.
>>
>>I'm using an older gigabyte GA-K8NS Ultra 939 (AGP based board) and the
> AGP
>>is on IRQ 16 so since there is no IRQ sharing, unless my PCI bandwidth is
>
>>all used up, I'm not expecting any problems.

>>
>>I'm currently converting everything I'm working on to 88.2KHz. I don't
>>know
>
>>if this is going to end up being a waste of time or not, but I figure,
>>since
>
>>I made the decision to move to an 88.2 capable system, I need to start
>>using
>
>>it. I've spent quite a bit of time and effort getting all my hardware DSP
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>>processors to function at 88.2 and I wanted to try to offload as much CPU
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