
Subject: SUCCESS!!!!

Posted by [Deej \[1\]](#) on Mon, 08 May 2006 00:06:41 GMT

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Here's the formula for achieving success with 3 x RME HDSP PCI cards (drivers are v2.94(3), 4 x UAD-1 cards (v4.2), an ASUS A8V Deluxe mobo, 4G RAM,.AMD XP4200 dual core CPU, a Matrox P750 graphics card and a 13 slot Magma chassis.

First of all, use the 1014 BIOS for the mobo. This gets rid of the USB over current *feature* that rears it's ugly head with the 1017 bios.

Install all Win XP updates except the .NET 2.0 framework (use the 1.1 framework)

Update the Matrox P750 driver and bios, then use the Matrox sysutil 1805 to *downgrade* the Matrox BIOS so the Splash screen and mobo BIOS can be viewed properly without upgrading to the ASUS 1017 BIOS from hell.

Install the 2 x RME HDSP 9652's in PCI slots 2 & 3.

Install the Magma host card in PCI slot #4

In the Magma chassis, the slot assignments are as follows:

1.-UAD-1

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3. RME Multiface PCI

4.

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I'm playing back a 31 track project with a 98% UAD-1 resource load with the buffers set to 512k (6ms). No crackling in the audio.....at all.....and no dropouts or glitching. System isn't even breathing hard.

This is with my system marginally optimized for audio. None of the recommended registry tweaks have been done and none of the system service tweaks have been done either.

Thanks again to Chris Ludwig who has been extremely helpful in showing me the way to get this to happen.

Deej

Subject: Re: SUCCESS!!!!

Posted by [Rod Lincoln](#) on Mon, 08 May 2006 04:54:01 GMT

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Rock On!

rod

"DJ" <animix_spam-this-ahole_@animas.net> wrote:

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> Deej

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Subject: Re: SUCCESS!!!!

Posted by [erlilo](#) on Mon, 08 May 2006 05:56:46 GMT

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Good to hear but you haven't tested 1018 bios yet, maybe you can fly too with it;-)

Erling

"DJ" <animix_spam-this-ahole_@animas.net> skrev i melding
news:445e8cb4@linux...

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Subject: Re: SUCCESS!!!!

Posted by [rick](#) on Mon, 08 May 2006 09:10:56 GMT

so...how long til you try to screw it up???

;o)

On Sun, 7 May 2006 18:06:41 -0600, "DJ"
<animix_spam-this-ahole_@animas.net> wrote:

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Posted by [Deej \[1\]](#) on Mon, 08 May 2006 13:40:18 GMT

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;o)

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news:jn2u5292uvgs4biumbq4ruontn9t5uhol2@4ax.com...

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Subject: Re: SUCCESS!!!!
Posted by [Neil](#) on Mon, 08 May 2006 14:22:32 GMT
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Deej...

Re: Cubase not initializing properly...
Pull the PCI card for the Multiface & check to see what version it is... it's printed in the upper right-hand portion of the circuit board (as you're holding the components facing you, with the port on the left-hand side); if it's anything lower than v1.7, that might be your problem. If it is, lower than 1.7, you can get a factory refurb, tested & ready to rock, for \$40 from Synthax.

I was running a version 1.4 card forever without any problems, and then with my new mobo & WinXP SP2 it didn't want to play nice anymore... a version 1.7 card took care of it.

Let me know if that's the case, and I can hook you up with the right people at Synthax to get yours swapped ut.

Neil

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Subject: Re: SUCCESS!!!!
Posted by [Deej \[1\]](#) on Mon, 08 May 2006 14:36:54 GMT
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So this must be a problem with SP2???.....I guess it must be because it worked fine with SP1.

Thanks,

Deej

"Neil" <OIUOIU@OIU.com> wrote in message news:445f5428\$1@linux...

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Posted by [Deej \[1\]](#) on Mon, 08 May 2006 14:42:27 GMT

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Subject: Re: SUCCESS!!!!

Posted by Nil on Mon, 08 May 2006 15:08:28 GMT

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Here's the info on this, directly from the RME site:

<begin paste>

The Hammerfall DSP system with PCI card does not work correctly on a few computers. Unsuccessful boot initialization shows the following symptoms:

The PCI card is not found by the system during boot-up. It does not appear as Multimedia Device in the list of PCI devices, nor in Windows' device manager.

The hammer symbol does not show up in the Systray of Windows 2000/XP. The Settings dialog is not being loaded, because the card (the HDSP system) is not present. The mixer symbol (TotalMix) shows up in any case.

The Settings dialog remains empty (Mac OS) or shows 'Error' (Windows 98).

The system does not work (ASIO error etc.).

In all cases it is the same error. Directly after switching on the computer the power supply ramps up its output voltages. But already during the ramp up several components begin to draw high currents and cause voltage fluctuations. This can cause the FPGA on the HDSP-PCI card to hang. As a consequence, the card is virtually dead and cannot be detected by the computer nor initialized.

<end paste>

You can read all about it here:

http://www.rme-audio.com/english/faq/hdsp_pci.htm

That page also shows (if you scroll further down) pictures of the mod, if you want to do it yourself, but I wouldn't recommend it vs. \$40 & a swap of your card for a factory refurb WITH a warranty.

Check also their hardware incompatibility list & see if any of this applies to your setup:

<http://www.rme-audio.com/english/faq/alarm.htm>

Neil

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>> Pull the PCI card for the Multiface & check to see what version
>> it is... it's printed in the upper right-hand portion of the
>> circuit board (as you're holding the components facing you, with
>> the port on the left-hand side); if it's anything lower than
>> v1.7, that might be your problem. If it is, lower than 1.7, you
>> can get a factory refurb, tested & ready to rock, for \$40 from
>> Synthax.
>>
>> I was running a version 1.4 card forever without any problems,
>> and then with my new mobo & WinXP SP2 it didn't want to play
>> nice anymore... a version 1.7 card took care of it.
>>
>> Let me know if that's the case, and I can hook you up with the
>> right people at Synthax to get yours swapped ut.
>>
>> Neil
>>
>>
>>
>>
>> "DJ" <animix_spam-this-ahole_@animas.net> wrote:
>> >Not long at all. I had a couple of crashes last night so I've still got
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>> >reverse engineer.
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>> >
>> >"rick" <parnell68@hotmail.com> wrote in message
>> >news:jn2u5292uvgs4biumbq4ruontn9t5uhol2@4ax.com...
>> >> so...how long til you try to screw it up???
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>> >> ;o)
>> >>
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>> >>
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Subject: Re: SUCCESS!!!!
Posted by [EK Sound](#) on Mon, 08 May 2006 15:35:18 GMT
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Hey DJ,

We are using 1013 here... just checked.

David.

DJ wrote:

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> Deej
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Subject: Re: SUCCESS!!!!
Posted by [Deej \[1\]](#) on Mon, 08 May 2006 16:24:57 GMT
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That makes sense from what I'm experiencing. 1014 is working fine here. I've read on some forums that it is possible to go up to 1015b, but I'm going to stay where I am unless I start having significant problems. or some kind. I really appreciate your help with this Dave.
Last night I pushed the system to the absolute max and once I exceeded 100%, some major distortion started happening. After I backed it down to around 90%, the distortion continued. I backed it down again to about 70% and the distortion *still* continued. I had saved this project under a different name because I knew I would be experimenting with it so I finally had to abandon it and go back to the original project. I ramped up the plugin count again to around 92% without any problems and it ran like that flawlessly, looped for a couple of hours. Eventually the system froze up, but there could be other reasons for this since all my system services are active right now with 3463537548576 little applets running in the BG. The moral to this story is that on a 4 card system, it might be advisable to keep the UAD-1 CPU resources to around 90% max to avoid the possibility of corrupting a project. This would be something like 30 LA-2A's or a huge number of any other combination of UAD-1 processors. I figure if I need this many processors, I'm probably doing something wrong anyway. It's really the principle of the thing with me.....and by gawd.....if I have 4 x UAD-1 cards, I should be able to use 'em all and achieve wretched excess when/if I want to.....right?

;o)

"EK Sound" <askme@nospam.com> wrote in message news:445f643d\$1@linux...
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> > Thanks again to Chris Ludwig who has been extremely helpful in showing me

> > the way to get this to happen.

> >

> > Deej

> >

> >

> >

> >

> >

> >

> >

Subject: Re: SUCCESS!!!!

Posted by [Deej \[1\]](#) on Mon, 08 May 2006 16:29:03 GMT

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Hey Neil,

Thanks for the heads up on this. It doesn't look like I'm in the danger zone on my computer hardware, but I'm going to check my PCI card version later today. Better to be safe. If it's good, I guess I'll just tweak this puppy one change at a time and then try to reboot SX after each tweak until I find the culprit tweak(s) that are slarking my Steiny dongle.. Shouldn't take more than three days

;oD

"Neil" <IUOIU@OIU.com> wrote in message news:445f5eec@linux...

>

> Here's the info on this, directly from the RME site:

>

> <begin paste>

> The Hammerfall DSP system with PCI card does not work correctly

> on a few computers. Unsuccessful boot initialization shows the

> following symptoms:

> The PCI card is not found by the system during boot-up. It does

> not appear as Multimedia Device in the list of PCI devices, nor

> in Windows' device manager.

> The hammer symbol does not show up in the Systray of Windows

> 2000/XP. The Settings dialog is not being loaded, because the

> card (the HDSP system) is not present. The mixer symbol

> (TotalMix) shows up in any case.

> The Settings dialog remains empty (Mac OS) or shows 'Error'

> (Windows 98).
> The system does not work (ASIO error etc.).
>
> In all cases it is the same error. Directly after switching on
> the computer the power supply ramps up its output voltages. But
> already during the ramp up several components begin to draw high
> currents and cause voltage fluctuations. This can cause the FPGA
> on the HDSP-PCI card to hang. As a consequence, the card is
> virtually dead and cannot be detected by the computer nor
> initialized.
> <end paste>
>
> You can read all about it here:
> http://www.rme-audio.com/english/faq/hdsp_pci.htm
>
> That page also shows (if you scroll further down) pictures of
> the mod, if you want to do it yourself, but I wouldn't
> recommend it vs. \$40 & a swap of your card for a factory refurb
> WITH a warranty.
>
> Check also their hardware incompatibility list & see if any of
> this applies to your setup:
> <http://www.rme-audio.com/english/faq/alarm.htm>
>
> Neil
>
>
>
> "DJ" <animix_spam-this-ahole_@animas.net> wrote:
> >Woah.....sorry.....brain isn't in gear yet.....not enough
> >coffee.....I'm running SX on SP2 with this card right now, but it's a
> >basically *stock* version that I Ghosted prior to doing the system
> >optimization tweaks which involved many *regedits* and disabling certain
> >of
> >the system services. All three cards ran fine on SP1 with these same
> >tweaks
> >done. SP2 has added a few new things to the system services. I didn't
> >know
> >which of these I needed to turn off so I left them alone.....so I
> >repeat, I'm running the Multiface PCI on an unoptimized version of SP2
> >right
> >now. Would the version of the PCI card make a difference due to
> >optimization
> >tweaks?
> >
> >Thanks,
> >
> >
> >Deej

> >
> >"Neil" <OIUOIU@OIU.com> wrote in message news:445f5428\$1@linux...
> >>
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Subject: Re: SUCCESS!!!!

Posted by [Deej \[1\]](#) on Mon, 08 May 2006 16:57:42 GMT

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.....and, of course, the new USB over current emulation feature in 1017

;oP

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Posted by [EK Sound](#) on Mon, 08 May 2006 16:58:53 GMT
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>>>the way to get this to happen.
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>>>Deej
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Subject: Re: SUCCESS!!!!
Posted by [Neil](#) on Mon, 08 May 2006 17:07:02 GMT
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Is it just the dongle that's not initializing? Maybe I misunderstood - I thought you meant you were getting card errors (i.e.: when you open SX, you don't have the Multiface available for i/o & there's no playback heard).

If it's just the USB key not being recognized, and you're getting the error window when you try to open SX, try pulling it out & reinserting the key until you see the little red light inside flash a couple of times instead of staying steady-red... you may have to do this a time or three. Every now & then I still have to do this, and I plan to load a USB PCI card that I have, but I'm loathe to change anything until I'm done with this current session I'm working on. Just pull it out & reinsert it a few times until the led flashes, then click "Retry" on the error window & see if that works for you.

I have no idea why it sometimes boots up & recognizes the key

right off the bat, and sometimes I have to do this... it makes no difference if anything else is plugged into a USB port or not, it's totally random. Anyway, try that & lemme know if it works.

Neil

"DJ" <animix_spam-this-ahole_@animas.net> wrote:

>That makes sense from what I'm experiencing. 1014 is working fine here.

I've

>read on some forums that it is possible to go up to 1015b, but I'm going

to

>stay where I am unless I start having significant problems. or some kind.

I

>really appreciate your help with this Dave.

>Last night I pushed the system to the absolute max and once I exceeded 100%,

>some major distortion started happening. After I backed it down to around

>90%, the distortion continued. I backed it down again to about 70% and the

>distortion *still* continued. I had saved this project under a different

>name because I knew I would be experimenting with it so I finally had to

>abandon it and go back to the original project. I ramped up the plugin count

>again to around 92% without any problems and it ran like that flawlessly,

>looped for a couple of hours. Eventually the system froze up, but there

>could be other reasons for this since all my system services are active

>right now with 3463537548576 little applets running in the BG. The moral

to

>this story is that on a 4 card system, it might be advisable to keep the

>UAD-1 CPU resources to around 90% max to avoid the possibility of

>corrupting a project. This would be something like 30 LA-2A's or a huge

>number of any other combination of UAD-1 processors. I figure if I need

this

>many processors, I'm probably doing something wrong anyway. It's really

the

>principle of the thing with me.....and by gawd.....if I have 4 x

>UAD-1 cards, I should be able to use 'em all and achieve wretched excess

>when/if I want to.....right?

>

>;o)

>

>"EK Sound" <askme@nospam.com> wrote in message news:445f643d\$1@linux...

>> Hey DJ,

>>

>> We are using 1013 here... just checked.

>>

>> David.

>>

>> DJ wrote:
>> > Here's the formula for achieving success with 3 x RME HDSP PCI cards
>> > (drivers are v2.94(3), 4 x UAD-1 cards (v4.2), an ASUS A8V Deluxe mobo,
>4G
>> > RAM,.AMD XP4200 dual core CPU, a Matrox P750 graphics card and a 13
slot
>> > Magma chassis.
>> >
>> > First of all, use the 1014 BIOS for the mobo. This gets rid of the USB
>over
>> > current *feature* that rears it's ugly head with the 1017 bios.
>> >
>> > Install all Win XP updates except the .NET 2.0 framework (use the 1.1
>> > framework)
>> >
>> > Update the Matrox P750 driver and bios, then use the Matrox sysutil
1805
>to
>> > *downgrade* the Matrox BIOS so the Splash screen and mobo BIOS can be
>viewed
>> > properly without upgrading to the ASUS 1017 BIOS from hell.
>> >
>> > Install the 2 x RME HDSP 9652's in PCI slots 2 & 3.
>> >
>> > Install the Magma host card in PCI slot #4
>> >
>> > In the Magma chassis, the slot assignments are as follows:
>> > 1.-UAD-1
>> > 2.
>> > 3. RME Multiface PCI
>> > 4.
>> > 5. UAD-1
>> > 6.
>> > 7.
>> > 8. UAD-1
>> > 9.
>> > 10.
>> > 11.
>> > 12. UAD-1
>> > 13.
>> >
>> > I'm playing back a 31 track project with a 98% UAD-1 resource load with
>the
>> > buffers set to 512k (6ms). No crackling in the audio.....at
>all.....and
>> > no dropouts or glitching. System isn't even breathing hard.
>> >
>> > This is with my system marginally optimized for audio. None of the

>> > recommended registry tweaks have been done and none of the system
>service
>> > tweaks have been done either.
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Subject: Re: SUCCESS!!!!
Posted by [jef knight\[1\]](#) on Mon, 08 May 2006 17:23:44 GMT
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This is a multi-part message in MIME format.
-----090400000000040006040201
Content-Type: text/plain; charset=ISO-8859-1; format=flowed
Content-Transfer-Encoding: 7bit

Nice goin' !!!
j

Rod Lincoln wrote:

>Rock On!
>rod
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>
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-----09040000000040006040201
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</head>  
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Nice goin' !!!<br>  
j<br>  
<br>  
Rod Lincoln wrote:  
<blockquote cite="mid445ecee9$1 @linux" type="cite">  
  <pre wrap="">Rock On!  
rod  
"DJ" <a class="moz-txt-link-rcf2396E"  
href="mailto:animix_spam-this-ahole_@animas.net">&lt;animix_spam-this-ahole_@animas.net&g  
t;</a> wrote:  
  </pre>  
  <blockquote type="cite">  
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    </pre>  
  </blockquote>  
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</pre>  
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</pre>  
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-----090400000000040006040201--
