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Subject: Dual Core AMD woes

Posted by [Rob](#) on Tue, 16 May 2006 21:30:15 GMT

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I've been looking back through earlier postings and found a bit of info on Dual Core processors. Someone mentioned problems with the C16 in particular. Since installing the dual core processor, I have had just such problems. The C16 will lock up, mouse functions still work and I can save a project, but I cannot play or move the "now line". Some times I have to restart Paris several times to get things working.

Has anyone discovered any work arounds to the dual core problems? I hate to give up the dual core since it solved some other bottleneck problems I was having with other programs. Since installing the dual core processor, my old Waves pluggins stopped working in my Samplitude program as well!

Any help out there?

Rob

---

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Subject: Re: Dual Core AMD woes

Posted by [Deej \[1\]](#) on Tue, 16 May 2006 22:39:39 GMT

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>Some times I have to restart Paris several times to get things working

Are you caying that you can get it working normally after a few restarts? If so, then you've succeeded where no one else has.

"Rob" <rob@westfieldorgan.com> wrote in message news:446a4467\$1@linux...

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> of info on Dual Core processors. Someone mentioned problems with  
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> Any help out there?  
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> Rob

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Subject: Re: Dual Core AMD woes  
Posted by [Kim](#) on Wed, 17 May 2006 01:28:22 GMT  
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Did you check here:

<http://news.parisnewsgroup.com/cgi-bin/dnewsweb?cmd=article&amp;group=IDEA.EMUEnsoniqPARIS&item=175456&utag=>

I think one of these switches is your best hope, though I haven't heard a proper confirmation that it works.

Cheers,  
Kim.

"Rob" <[rob@westfieldorgan.com](mailto:rob@westfieldorgan.com)> wrote:

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Subject: Re: Dual Core AMD woes  
Posted by [Rob](#) on Wed, 17 May 2006 02:49:01 GMT  
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Hmmm, am I one of the fortunate ones? Yes I can get the system to work normally, sometimes for up to 1/2 hr or so, sometimes for 30 seconds, but it does work.

If I am working in Samplitude, I use Paris as my monitoring system. Even if the C16 is locked up, the audio monitoring system still works normally.

By your response, I am gathering that there probably is no known cure at this time. Oh well! Thanks DJ.

Rob

"DJ" <animix\_spam-this-ahole\_@animas.net> wrote:

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Subject: Re: Dual Core AMD woes

Posted by [Rob](#) on Wed, 17 May 2006 02:55:47 GMT

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thanks, Kim. I'll research that a bit to see if I can figure out how to implment that switch. I'll post to let you know if it worked.

Rob

"Kim" <hiddensounds@hotmail.com> wrote:

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---

Subject: Re: Dual Core AMD woes  
Posted by [Kim](#) on Wed, 17 May 2006 09:27:48 GMT  
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I would very much appreciate some feedback, as it's a fairly important issue for people which we haven't really resolved yet...

....and people keep asking, and I keep giving them this link, but I don't yet know if it can be made to work...

Cheers,  
Kim.

"Rob" <rob@westfieldorgan.com> wrote:

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Subject: Re: Dual Core AMD woes

Posted by [Kim](#) on Wed, 17 May 2006 09:29:53 GMT

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Subject: Re: Dual Core AMD woes  
Posted by [Rob](#) on Wed, 17 May 2006 13:41:31 GMT  
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---

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I tried using the Interrupt Affinity tool in win2003 resource kit.  
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If there are more suggestions out there, I'll try them.

Rob

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---

Subject: Re: Dual Core AMD woes



Posted by [Kim](#) on Wed, 17 May 2006 23:00:44 GMT

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Rob,

Thanks for the update. Good to know that you've at least made some progress of some kind. At least you can make it work. I guess the waves plugs must have dual processor issues also.

Cheers,  
Kim.

"Rob" <rob@westfieldorgan.com> wrote:

>

>Thanks, Kim. I did check the whole thread. Here is what I've

>tried:

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>I tried the "/intaffinity" switch in the boot.ini to no avail.

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Subject: Re: Dual Core AMD woes  
Posted by [Kim](#) on Wed, 17 May 2006 23:25:32 GMT  
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---

Rob,

One more suggestion.

I noticed that the /INTAFFINITY switch sends all the interrupts to the second processor. I notice you didn't say that this caused major issues, just that you tried it "to no avail" which I assume means that it didn't hurt, it just didn't solve the problem.

Check this out:

<http://www.sybase.com/detail?id=1010600>

And this:

[http://www.microsoft.com/resources/documentation/windows/xp/all/proddocs/en-us/taskman\\_assign\\_process.mspx?mfr=true](http://www.microsoft.com/resources/documentation/windows/xp/all/proddocs/en-us/taskman_assign_process.mspx?mfr=true)

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You may need to set the Schertzo driver to that CPU also using that tool, though it sounds like you had trouble with that. I'd try it without first and see.

The way I figure there are two possibilities as to what causes it. Either all of Paris needs to be on one CPU all together including the app, plus interrupts etc, or it's Paris and some components of the OS, in which case it's all going to get more complex.

First thing I'd be doing is take every possible step to force Paris and all it's related components on to a single CPU, which would require both /intaffinity as well as setting the affinity of the Paris app. Indeed you may have to set the affinity of some other components of Paris that I'm not aware of.

Just throwing some ideas up.

Cheers,  
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>>the /onecpu switch for when i need to do a lot of work in Paris,  
>>or Samplitude. Unfortunately, it's usually when I am using  
>>Samplitude that I have another task (CD duplication) running  
>>in the background. That's when the extra cpu works well. Oh  
>>well, it's only the Waves pluggins that seem to be affected  
>>with Samplitude. they're getting old anyway, new would probably  
>>sound better.  
>>  
>>If there are more suggestions out there, I'll try them.  
>>  
>>Rob  
>>  
>>"Kim" <hiddensounds@hotmail.com> wrote:  
>>>  
>>>  
>>>By the way, don't just check that one post... check the whole thread...  
>>>  
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>>>  
>>>Cheers,  
>>>Kim.  
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>>>>  
>>>>thanks, Kim. I'll research that a bit to see if I can figure out how  
>>>>to  
>>>>implement  
>>>>that switch. I'll post to let you know if it worked.  
>>>>  
>>>>Rob  
>>>>  
>>>>"Kim" <hiddensounds@hotmail.com> wrote:  
>>>>>  
>>>>>



each time I open the programs. I will investigate the info given on the sybase web site about using imagecfg.exe.

HOWEVER - I attempted to set affinity using the microsoft tool kit called intfltr.exe on the Paris MIDI driver that was listed using this program. This is the same program I unsuccessfully used to try to set affinity on the Scherzo driver. Since that time, I have not been able to open Paris at all. It's beginning to look like I will have to re-install Paris to get things working again.

Rob

"Rob" <rob@westfieldorgan.com> wrote:

>  
>Kim, been gone for a couple of days. I'll check these out and try what I  
>can. i'll let you know what I find. I did not try both the "intaffinity"  
>switch and assigning Paris to CPU 2. I did try both CPU 1 and CPU 2 with  
>the filter that the microsoft tools program provided. Neither CPU with the  
>filter installed allowed Paris to start. I'll keep trying.

>  
>Rob

>  
>"Kim" <hiddensounds@hotmail.com> wrote:

>>  
>>  
>>Rob,  
>>  
>>One more suggestion.  
>>  
>>I noticed that the /INTAFFINITY switch sends all the interrupts to the second  
>>processor. I notice you didn't say that this caused major issues, just that  
>>you tried it "to no avail" which I assume means that it didn't hurt, it  
>>just didn't solve the problem.

>>  
>>Check this out:  
>><http://www.sybase.com/detail?id=1010600>  
>>And this:  
>> [http://www.microsoft.com/resources/documentation/windows/xp/all/proddocs/en-us/taskman\\_assign\\_process.msp?mfr=true](http://www.microsoft.com/resources/documentation/windows/xp/all/proddocs/en-us/taskman_assign_process.msp?mfr=true)  
>>  
>>I was thinking that maybe the reason /INTAFFINITY isn't working is that  
>the  
>>Paris application is getting loaded on the 1st CPU, whereas /INTAFFINITY

>>is sending the interrupts to the second CPU, hence you still get the issues.  
>>I'm thinking that maybe, just maybe, if you can set the Paris application  
>>to use the second CPU as well, that perhaps having the Paris app plus the  
>>interrupts going to one CPU might fix it.  
>>  
>>You may need to set the Schertzo driver to that CPU also using that tool,  
>>though it sounds like you had trouble with that. I'd try it without first  
>>and see.  
>>  
>>The way I figure there are two possibilities as to what causes it. Either  
>>all of Paris needs to be on one CPU all together including the app, plus  
>>interrupts etc, or it's Paris and some components of the OS, in which case  
>>it's all going to get more complex.  
>>  
>>First thing I'd be doing is take every possible step to force Paris and  
>all  
>>it's related components on to a single CPU, which would require both /intaffinity  
>>as well as setting the affinity of the Paris app. Indeed you may have to  
>>set the affinity of some other components of Paris that I'm not aware of.  
>>  
>>Just throwing some ideas up.  
>>  
>>Cheers,  
>>Kim.  
>>  
>>"Rob" <rob@westfieldorgan.com> wrote:  
>>>  
>>>Thanks, Kim. I did check the whole thread. Here is what I've  
>>>tried:  
>>>  
>>>I tried the "/intaffinity" switch in the boot.ini to no avail.  
>>>I tried using the Interrupt Affinity tool in win2003 resource kit.  
>>>That tool actually prevented Paris from loading. I got an error  
>>>on startup. I used it on the Schertzo driver. should I have  
>>>used it elsewhere?  
>>>The only thing that seems to work is the boot.ini switch  
>>>"/onecpu". This even brought back my Waves pluggins for  
>>>Samplitude.  
>>>At this point in time, I will probably just dual boot, one with  
>>>the /onecpu switch for when i need to do a lot of work in Paris,  
>>>or Samplitude. Unfortunately, it's usually when I am using  
>>>Samplitude that I have another task (CD duplication) running  
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>>>>>>  
>>>>>> <http://news.parisnewsgroup.com/cgi-bin/dnewsweb?cmd=article&group=IDEA.EMUEnsoniqPARIS&item=175456&utag=>  
>>>>>>  
>>>>>>I think one of these switches is your best hope, though I haven't heard  
>>>>>>a  
>>>>>>proper confirmation that it works.  
>>>>>>  
>>>>>>Cheers,  
>>>>>>Kim.  
>>>>>>  
>>>>>>"Rob" <rob@westfieldorgan.com> wrote:  
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>>>>>>>I've been looking back through earlier postings and found a bit  
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>>>>>>>I have had just such problems. The C16 will lock up, mouse  
>>>>>>>functions still work and I can save a project, but I cannot play  
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>>>>>>>several times to get things working.  
>>>>>>>



Posted by [Nappy](#) on Sun, 29 Oct 2006 07:54:03 GMT

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---

Mike,

Does this mean that you have PARIS working on a Dual core system?  
What Mobo? I remember Edmund saying that PARIS is Multi- threaded.  
So in theory,as he said "It should just work" with Multi-processors.  
I'd like to move my PARIS system to a Dualcore PC.

respect

Nappy

"Mike P" <mikep@4hometown.com> wrote:

>

>Did you get it run properly, I had the same problems, they were coming from  
>the video card IRQ on the same channel as the Scherzo.

>

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>"Rob" <rob@westfieldorgan.com> wrote:

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>>several times to get things working.

>>

>>Has anyone discovered any work arounds to the dual core problems?  
>>I hate to give up the dual core since it solved some other  
>>bottleneck problems I was having with other programs. Since  
>>installing the dual core processor, my old Waves pluggins stopped  
>>working in my Samplitude program as well!

>>

>>Any help out there?

>>

>>Rob

>

---

Subject: Re: Dual Core AMD woes

Posted by [MikeP](#) on Sun, 29 Oct 2006 13:31:09 GMT

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---

I don't know what mobo, but it is an HP 1540n with an AMD X2 2.2 and 2 gig  
of DDRS2 ram. Yes it works, but I am having problems with smoothing out the  
glitches.



"Nappy" <mgrant01@san.rr.com> wrote:

>

>Mike,

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>>>working in my Samplitude program as well!

>>>

>>>Any help out there?

>>>

>>>Rob

>>

>

---

Subject: Re: Dual Core AMD woes

Posted by [John \[1\]](#) on Sun, 29 Oct 2006 16:27:26 GMT

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---

I tracked down your HP motherboard and spent 30 minutes in chat with stupid (fucking stupid) HP support and they don't know shit.

You can be pretty sure that slot 1 is sharing with video and screwing you up. I would get rid of that PC, get a motherboard where you KNOW what slots share what IRQs (My ASUS MX800 manual was wrong and had them reversed, argggghh) and then you will be golden. Otherwise I think you probably have an IRQ conflict and will continue crashing.

<http://h10025.www1.hp.com/ewfrf/wc/prodinfoCategory?lc=en&amp;cc=us&dlc=en&product=3184140&lang=en>

Motherboard manufacturer's name: ASUS A8M2N-LA

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