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Subject: OT: DJ? Core2Duo/quadcore motherboards  
Posted by [Dedric Terry](#) on Tue, 23 Jan 2007 19:30:15 GMT

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Anyone using the Asus P5W DH Deluxe with a core 2 or quad core? Any problems or issues to watch out for.  
I'm also considering the P5WDG2 or Intel D975XBX2KR, but would prefer to have 3 PCI slots for 2 UAD-1s and  
and RME card, for now at least until I upgrade the audio card to PCIe (this is for Nuendo, btw).

Feel free to email me offline to since it's ot - dedric at keyofd dot net.

Thanks,  
Dedric

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Subject: Re: OT: DJ? Core2Duo/quadcore motherboards  
Posted by [Chris Ludwig](#) on Tue, 23 Jan 2007 20:38:43 GMT

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Hi Dedric,  
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3x uads pci  
1x firewire 800

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If you have that many PCI slots filled and you have 4 gigs windows will only see 2 gigs of your 4 gigs in 32bit xp.

It will see the 4 gigs in win 64 pro, vista and linux.

Chris

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Chris Ludwig

ADK Pro Audio  
(859) 635-5762  
www.adkproaudio.com  
chrisl@adkproaudio.com

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Subject: Re: OT: DJ? Core2Duo/quadcore motherboards  
Posted by [Dedic Terry](#) on Tue, 23 Jan 2007 21:40:10 GMT  
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So as long as I just setup a raid with the silicon image controller I should be fine?  
I'm thinking of going raid for the samples drive.

Thanks!  
Dedic

"Chris Ludwig" <chrisl@adkproaudio.com> wrote in message news:45b672df@linux...

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Subject: Re: OT: DJ? Core2Duo/quadcore motherboards  
Posted by [Chris Ludwig](#) on Tue, 23 Jan 2007 22:33:05 GMT  
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Hi Dedic,

Dedic Terry wrote:

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2x sata in raid 0 for samples on the Intel controller  
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Seems to work fine.

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Subject: Re: OT: DJ? Core2Duo/quadcore motherboards  
Posted by [Chris Ludwig](#) on Tue, 23 Jan 2007 22:35:54 GMT  
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this is the best up to date info on the 3/gb deal.

<http://blogs.msdn.com/oldnewthing/archive/2004/08/22/218527.aspx>

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Subject: Re: OT: DJ? Core2Duo/quadcore motherboards

Posted by [TCB](#) on Tue, 23 Jan 2007 22:50:15 GMT

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4GB with a 32 bit OS is like the speed limit. No way to get around it. The various switches really just allow apps to move around the 2GB (tops) of physical memory they use.

<http://www.brianmadden.com/content/content.asp?ID=69>

We've done the benchmarks on (fairly) big iron. It makes a real difference running a 64 bit OS with large amounts of memory.

TCB

"Dedric Terry" <dedric@echomg.com> wrote:

>Hi Chris,

>

>I know Windows 32 can only by default use up to 2G, but I'm running the /3G

>switch to

>let the apps access more. Is that what you are referring to, or is there

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Subject: Re: OT: DJ? Core2Duo/quadcore motherboards  
Posted by [Dedic Terry](#) on Tue, 23 Jan 2007 23:07:40 GMT  
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Hi Chris,

"Chris Ludwig" <chrisl@adkproaudio.com> wrote in message  
news:45b68dac\$1@linux...

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> windows whether or not I have the 3 gig switch or not. Also any of the  
> BIOS settings that effect that memory hole don't seem to to effect it.  
> With just the 2 in it may act differently for you.



Ouch. That could be a problem then. Hopefully that's related to 3 UAD-1s, and not just UAD-1s, or using all three PCI slots.

I'll have to be sure I have a return policy for that board first.

Thanks,  
Dedric

```
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Subject: Re: OT: DJ? Core2Duo/quadcore motherboards  
Posted by [Dedric Terry](#) on Tue, 23 Jan 2007 23:14:16 GMT  
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Interesting. Regardless of the actual function of the /3G switch, it makes a significant difference with Nuendo and loading sample libraries, even with only 2G of ram, so I guess that just implies libraries need more of the user virtual address space, or there isn't as much of it available for secondary apps to access normally.

Before adding the switch, Nuendo would at times toss up memory errors when approaching 1.6G used, and would at least come to a standstill. But after setting it (with userva=2770 I believe - for UAD-1s) I can load down memory at will, though I watch it carefully to be sure I'm not killing Windows n the process. I've actually had Nuendo run with less than 100M of free Ram, inadvertantly. It runs fine with a bit over 200M free. With sample libraries, that last bit can make a significant

difference.

Regards,  
Dedric

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Subject: Re: DJ? Core2Duo/quadcore motherboards  
Posted by [Deej \[4\]](#) on Wed, 24 Jan 2007 02:37:16 GMT  
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I haven't made the jump to Intel yet Dedric. I'm switching to the Gigabyte GA-K8Ns Ultra 939 mobos to wring the final gasp out of my AMD/AGP based hardware here.

Loading Cubase 4 on a new system install tonight.

Cheers,

Deej

"Dedric Terry" <dedric@echomg.com> wrote in message news:45b662e2@linux...  
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