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Subject: Any of you guys overclockers or understand voltage-CPU cycles?

Posted by [animix](#) on Sat, 21 Oct 2006 20:35:50 GMT

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I'm no overclocker (or any kind of clocker I guess). I'm testing a mobo, getting ready to load Windows on this beast and when the system posts, the AMD 4200 dual core is showing up at 200mhz. If I boot to the bios there are clock settings but I'm an idiot and don't know what to set to get tis thing happening at 2100MHZ.....and since I blow stuff up sometimes, I want to at least get some advice before I fry the CPU. I'll be testing a 3 card Paris system on this rig to see how/if it can work with dual core CPU's and multiple C-16's so so if anyone wants to pitch in, please give me a ring

970-375-7081

Thanks,

Deej

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Subject: Re: Any of you guys overclockers or understand voltage-CPU cycles?

Posted by [Chris Ludwig](#) on Sat, 21 Oct 2006 22:58:31 GMT

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HI DJ,

Which motherboard was it again?

Chris

DJ wrote:

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>970-375-7081

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>Thanks,

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>Deej

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Chris Ludwig

ADK

chrisl@adkproaudio.com <mailto:chrisl@adkproaudio.com>

www.adkproaudio.com <http://www.adkproaudio.com/>

(859) 635-5762

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Subject: Re: Any of you guys overclockers or understand voltage-CPU cycles?

Posted by [Chris Ludwig](#) on Sat, 21 Oct 2006 23:13:31 GMT

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Never mind i saw it in the other post.

Before you start toying with over clocking make sure you did these things. They will increase the odds for stability with the Paris and over clocking.

1. Make sure you have the most current BIOS.
2. Use the the newest Nvidia motherboard chipset driver s from Nvidias website.
3. Install AMD dual core optimizer driver from AMDs website.  
Install Microsoft CPU Hotfix driver.
4. Install current Nvidia video driver
5. Install all the latest xp updates. Use the custom option. "Install the framework 2.0 last"
6. Do XP tweaks

Install the Paris stuff and see if it works before you start fooling around. I would also suggest doing a system image before you start over clocking, especially if you get paris working OK. Over clocking to far will some time hose your xp install.

Chris

Chris Ludwig wrote:

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www.adkproaudio.com <http://www.adkproaudio.com/>  
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Subject: Re: Any of you guys overclockers or understand voltage-CPU cycles?  
Posted by [animix](#) on Sun, 22 Oct 2006 00:32:18 GMT  
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Chris,

I just want to get it clocked above 200MHZ right now. that's it's default and it has the most recent bios already. what would the voltage settings be to get this puppy to 2100 mHZ?

Thanks,

Deej

"Chris Ludwig" <chrisl@adkproaudio.com> wrote in message  
news:453aa792\$1@linux...

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> (859) 635-5762

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Subject: Re: Any of you guys overclockers or understand voltage-CPU cycles?

Posted by [IOUOI](#) on Sun, 22 Oct 2006 14:31:48 GMT

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Deej, 200 MHz is the core cycle setting ONLY... it's an internal setting on the CPU, not the CPU speed itself - you can look at it as kinda like a baseline reference point. It doesn't mean the normal operating speed of the CPU. Your processor will run at it's stated speed with this setting.

It's when you get into the settings higher than that that you start overclocking. Chris is right, get the thing booted up &

stable before you start tweaking with overperformance. Boot it up & load a heavy project with the settings just as they are... you'll see, it'll be fine - if the processor itself were only running @ 200mhz, you'd never be able to load more than a few tracks & a few plugins.

Neil

"DJ" <notachance@net.net> wrote:

>Chris,

>

>I just want to get it clocked above 200MHZ right now. that's it's default  
>and it has the most recent bios already. what would the voltage settings  
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>to get this puppy to 2100 mHZ?

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>Thanks,

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>"Chris Ludwig" <chrisl@adkproaudio.com> wrote in message  
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Subject: Re: Any of you guys overclockers or understand voltage-CPU cycles?  
Posted by [Chris Ludwig](#) on Sun, 22 Oct 2006 15:15:46 GMT  
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HI DJ,  
200mhz is the proper FSB multiplier settings. If it is above that then  
you are over clocking.

The MB Intelligent Tweaker section of the BIOS should running defaults.  
CPU Clock Ratio = Auto  
CPU Over clock in MHz = 200  
AGP Over clock in MHz = 66  
All the voltage controls = normal

This will be the default non -over clocked settings.

Chris

DJ wrote:

>Chris,  
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Subject: Re: Any of you guys overclockers or understand voltage-CPU cycles?

Posted by [animix](#) on Sun, 22 Oct 2006 18:13:28 GMT

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OK then guys. Thanks for the help.

;o)

"Chris Ludwig" <[chrisl@adkproaudio.com](mailto:chrisl@adkproaudio.com)> wrote in message  
news:453b8917\$1@linux...

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