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Subject: Mac Pro 4 core vs. 8

Posted by [dc\[3\]](#) on Thu, 24 Jan 2008 18:57:28 GMT

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Apple charges 500.00 extra to get an 8-core MP over the 4.

Any real-world advantage for audio use?

TIA

DC

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Subject: Re: Mac Pro 4 core vs. 8

Posted by [Gene Lennon\[8\]](#) on Thu, 24 Jan 2008 21:59:54 GMT

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Currently Digital Performer is the only app that I know that properly takes advantage of the 8 processors. Logic, Pro Tools and Nuendo all run better on a 4-core. This will change soon, but an 8-core requires more RAM before you see the benefits. Cockos Reaper runs very fast using all 8 processors under boot camp.

Despite the fact that DP uses all 8 processors correctly, Logic is more efficient on a 4-core than DP is on an 8-core. Apple should have an update for Logic soon that properly shows off the power of an 8-core. Digi seems to be in no hurry to show off the potential of all native power!

fallen in love with Flux plugs, but they use up a computer in a hurry.

Gene

"DC" <[dc@spammersinhell.com](mailto:dc@spammersinhell.com)> wrote:

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>  
>Any real-world advantage for audio use?  
>  
>TIA  
>  
>DC  
>

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Subject: Re: Mac Pro 4 core vs. 8

Posted by [dc\[3\]](#) on Thu, 24 Jan 2008 22:15:22 GMT

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Most helpful.

thanks Gene.

DC

"Gene Lennon" <glennon@gmnews.com> wrote:

>  
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>advantage of the 8 processors. Logic, Pro Tools and Nuendo all run better  
>on a 4-core. This will change soon, but an 8-core requires more RAM before  
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>>  
>

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Subject: Re: Mac Pro 4 core vs. 8

Posted by [RZ](#) on Thu, 24 Jan 2008 22:56:12 GMT

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Sure, you can mix a five minute song in only two-and-a-half minutes.

"DC" <dc@spammersinhell.com> wrote in message news:4798d188\$1@linux...

>  
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>  
> Any real-world advantage for audio use?  
>  
> TIA  
>  
> DC  
>  
>

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Subject: Re: Mac Pro 4 core vs. 8  
Posted by [dc\[3\]](#) on Fri, 25 Jan 2008 02:11:49 GMT  
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Ha!

Hey Richard! How are you doing?

Nice to hear from you.

DC

"Richard Zeier" <pearlmusic@sbcglobal.net> wrote:

> Sure, you can mix a five minute song in only two-and-a-half minutes.  
>  
> "DC" <dc@spammersinhell.com> wrote in message news:4798d188\$1@linux...  
>>  
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>> TIA  
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>> DC  
>>  
>>  
>  
>

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Subject: Re: Mac Pro 4 core vs. 8

Posted by [Neil](#) on Fri, 25 Jan 2008 02:35:18 GMT

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"Gene Lennon" <glennon@gmnews.com> wrote:  
>Cockos Reaper runs very fast using all 8 processors  
>under boot camp.

On the subject of Reaper - you can now get their plugins  
in a bundle ported to VST...

<http://www.reaper.fm/reaplugs/>

.... and, yep - they're free.

Neil

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Subject: Re: Mac Pro 4 core vs. 8  
Posted by [TCB](#) on Fri, 25 Jan 2008 15:51:04 GMT

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<http://www.barefeats.com/octopro1.html>

Seems that even with OS X not a lot of apps are really multi-treaded enough.  
Read the section about AE

<http://www.barefeats.com/octopro4.html>

in which you have to turn on another switch to use the extra cores but it  
makes a real difference.

From what I read (and in my experience in the enterprise space where 8/16/32  
cores have been common for years, as well as 64 bit kernels and filesystems)  
the desktop apps haven't been tuned for serious multiprocessing yet. For  
the time being I think it will be more of an app by app thing than a general  
improvement in overall performance.

Using multiple apps simultaneously should see a greater increase in performance  
(if you run eight apps that are one thread each and they each can have a  
whole CPU that can make a MASSIVE difference in both performance and 'feel'  
of the machine). It's not uncommon in Unix land for one core to be completely  
pinned and non-responsive doing some job while the apps running on the other  
cores feel snappy as can be.

Note also in those tests was toad's the G5s look like in comparison.

TCB

"DC" <dc@spammersinhell.com> wrote:

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>

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Subject: Re: Mac Pro 4 core vs. 8  
Posted by [DC](#) on Fri, 25 Jan 2008 17:29:12 GMT  
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Thanks!

DC

"TCB" <nobody@ishere.com> wrote:

>  
><http://www.barefeats.com/octopro1.html>  
>  
>Seems that even with OS X not a lot of apps are really multi-treaded enough.  
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