
Subject: Mac Pro 4 core vs. 8

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

[View Forum Message](#) <> [Reply to Message](#)

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

Any real-world advantage for audio use?

TIA

DC

Subject: Re: Mac Pro 4 core vs. 8

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

[View Forum Message](#) <> [Reply to Message](#)

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> wrote:

>
>Apple charges 500.00 extra to get an 8-core MP over the 4.
>
>Any real-world advantage for audio use?
>
>TIA
>
>DC
>

Subject: Re: Mac Pro 4 core vs. 8

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

[View Forum Message](#) <> [Reply to Message](#)

Most helpful.

thanks Gene.

DC

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

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

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

>>
>>DC

>>
>

Subject: Re: Mac Pro 4 core vs. 8

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

[View Forum Message](#) <> [Reply to Message](#)

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...

>
> Apple charges 500.00 extra to get an 8-core MP over the 4.
>
> Any real-world advantage for audio use?
>
> TIA
>
> DC
>
>

Subject: Re: Mac Pro 4 core vs. 8
Posted by [dc\[3\]](#) on Fri, 25 Jan 2008 02:11:49 GMT
[View Forum Message](#) <> [Reply to Message](#)

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...
>>
>> Apple charges 500.00 extra to get an 8-core MP over the 4.
>>
>> Any real-world advantage for audio use?
>>
>> TIA
>>
>> DC
>>
>>
>
>

Subject: Re: Mac Pro 4 core vs. 8

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

[View Forum Message](#) <> [Reply to Message](#)

"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

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

[View Forum Message](#) <> [Reply to Message](#)

<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:

>
>Apple charges 500.00 extra to get an 8-core MP over the 4.
>
>Any real-world advantage for audio use?
>
>TIA
>
>DC
>

Subject: Re: Mac Pro 4 core vs. 8
Posted by [DC](#) on Fri, 25 Jan 2008 17:29:12 GMT
[View Forum Message](#) <> [Reply to Message](#)

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.
>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 mutliprocessing 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:
>>
>>Apple charges 500.00 extra to get an 8-core MP over the 4.
>>
>>Any real-world advantage for audio use?
>>
>>TIA
>>
>>DC
>>
>
