

---

Subject: More on quad cores

Posted by [TCB](#) on Wed, 13 Sep 2006 13:37:36 GMT

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

---

Anandtech puts two quad cores inside a Mac and reports performance v. normal Core Duos.

<http://anandtech.com/mac/showdoc.aspx?i=2832&p=6>

I'm a littl surprised this worked at all. There's also comparisons to a 'benchmark' XP system which finds interesting results.

Surprise surprise, multithreaded 3D tests show by far the biggest performance boost. Those apps work a lot like a well written audio app. Hmmmm . . .

TCB

---

---

Subject: Re: More on quad cores

Posted by [gene lennon](#) on Wed, 13 Sep 2006 14:33:04 GMT

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

---

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

>

>Anandtech puts two quad cores inside a Mac and reports performance v. normal  
>Core Duos.

>

><http://anandtech.com/mac/showdoc.aspx?i=2832&p=6>

>

>I'm a littl surprised this worked at all. There's also comparisons to a  
'benchmark'

>XP system which finds interesting results.

>

>Surprise surprise, multithreaded 3D tests show by far the biggest performance  
>boost. Those apps work a lot like a well written audio app. Hmmmm . . .

>

>TCB

YES!!

Eight, ocho, huit, acht, otto, BOCeMb, atte, Qk, 8!

gene

---

---

Subject: Re: More on quad cores  
Posted by [Deej \[1\]](#) on Wed, 13 Sep 2006 19:03:00 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

This may be the first \*really\* good reason I've heard for even considering a new Mac. I think what I like about it the most is that it is changing.the Mac.

;o)

"gene Lennon" <glennon@NOSPmyrealbox.com> wrote in message  
news:450816a0\$1@linux...

>  
> "TCB" <nobody@ishere.com> wrote:  
> >  
> >Anandtech puts two quad cores inside a Mac and reports performance v.  
normal  
> >Core Duos.  
> >  
> ><http://anandtech.com/mac/showdoc.aspx?i=2832&p=6>  
> >  
> >I'm a littl surprised this worked at all. There's also comparisons to a  
> 'benchmark'  
> >XP system which finds interesting results.  
> >  
> >Surprise surprise, multithreaded 3D tests show \_by far\_ the biggest  
performance  
> >boost. Those apps work a lot like a well written audio app. Hmmm . . .  
>  
> >  
> >TCB  
>  
>  
> YES!!  
>  
> Eight, ocho, huit, acht, otto, BOCeMb, atte, Qk, 8!  
>  
> gene

---

Subject: Re: More on quad cores  
Posted by [Jamie K](#) on Wed, 13 Sep 2006 20:17:44 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

Nice. Bring 'em on!

I'll use two processor cores to run Logic with a gazillion plugins, two

to render animations, two to compress video for HD-DVD or BluRay, and um, the last two to cook something tasty for lunch...

Cheers,

-Jamie

<http://www.JamieKruz.com>

gene Lennon wrote:

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

>> Anandtech puts two quad cores inside a Mac and reports performance v. normal

>> Core Duos.

>>

>> <http://anandtech.com/mac/showdoc.aspx?i=2832&p=6>

>>

>> I'm a littl surprised this worked at all. There's also comparisons to a

> 'benchmark'

>> XP system which finds interesting results.

>>

>> Surprise surprise, multithreaded 3D tests show by far the biggest performance

>> boost. Those apps work a lot like a well written audio app. Hmmmm . . .

>

>> TCB

>

>

> YES!!

>

> Eight, ocho, huit, acht, otto, BOCeMb, atte, Qk, 8!

>

> gene

---

Subject: Re: More on quad cores

Posted by [Deej \[1\]](#) on Wed, 13 Sep 2006 21:25:10 GMT

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

---

I will guarantee you that by the time that the Cloverton quads are available to the public, Apple will have found a way to prevent the user from upgrading the machine themselves and will likely have a quad version that will cost more \$\$ than it would cost for the end user to buy the Clovertons, install them and then sell the older CPU's to recoup his costs.

Hide an watch. They have been taking Digidesign lessons for year.

Deej

"Jamie K" <Meta@Dimensional.com> wrote in message news:4508659c\$1@linux...

>  
> Nice. Bring 'em on!  
>  
> I'll use two processor cores to run Logic with a gazillion plugins, two  
> to render animations, two to compress video for HD-DVD or BluRay, and  
> um, the last two to cook something tasty for lunch...  
>  
> Cheers,  
> -Jamie  
> <http://www.JamieKruz.com>  
>  
>  
> gene Lennon wrote:  
>> "TCB" <nobody@ishere.com> wrote:  
>>> Anandtech puts two quad cores inside a Mac and reports performance v.  
normal  
>>> Core Duos.  
>>>  
>>> <http://anandtech.com/mac/showdoc.aspx?i=2832&p=6>  
>>>  
>>> I'm a littl surprised this worked at all. There's also comparisons to a  
>> 'benchmark'  
>>> XP system which finds interesting results.  
>>>  
>>> Surprise surprise, multithreaded 3D tests show \_by far\_ the biggest  
performance  
>>> boost. Those apps work a lot like a well written audio app. Hmmm . . .  
>>  
>>> TCB  
>>  
>>  
>> YES!!  
>>  
>> Eight, ocho, huit, acht, otto, BOCeMb, atte, Qk, 8!  
>>  
>> gene

---

---

Subject: Re: More on quad cores  
Posted by [Jamie K](#) on Wed, 13 Sep 2006 21:55:24 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

You may be right, Deej. Let's see what they do. It would be nice if they didn't put any road blocks up to what's already seemingly possible.

My guess is if replacing the CPU works now, it'll work pretty much the same way later - but the new machines out at that time might be more optimized for the new chips. Just for fun I'll put a beer on that if yer

willin'.

What the heck, next time you're in Denver I'll buy you a beer anyway. :^)

How Apple handles CPU upgrades this time around won't affect me. I'm fine with my dual G5. The current Intel towers, while very nice, don't offer that much more than what I've already been using for the last couple of years.

But 8 cores might make it worth considering a new box next year. Not for audio, my system already has plenty horsepower for that, but for animation and possible 2K or even 4K video editing/compositing.

Cheers,

-Jamie

<http://www.JamieKrutz.com>

DJ wrote:

> I will guarantee you that by the time that the Cloverton quads are available  
> to the public, Apple will have found a way to prevent the user from  
> upgrading the machine themselves and will likely have a quad version that  
> will cost more \$\$ than it would cost for the end user to buy the Clovertons,  
> install them and then sell the older CPU's to recoup his costs.  
>  
> Hide an watch. They have been taking Digidesign lessons for year.  
>  
> Deej  
>  
>  
> "Jamie K" <Meta@Dimensional.com> wrote in message news:4508659c\$1@linux...  
>> Nice. Bring 'em on!  
>>  
>> I'll use two processor cores to run Logic with a gazillion plugins, two  
>> to render animations, two to compress video for HD-DVD or BluRay, and  
>> um, the last two to cook something tasty for lunch...  
>>  
>> Cheers,  
>> -Jamie  
>> <http://www.JamieKrutz.com>  
>>  
>>  
>> gene Lennon wrote:  
>>> "TCB" <nobody@ishere.com> wrote:  
>>>> Anandtech puts two quad cores inside a Mac and reports performance v.  
> normal  
>>>> Core Duos.  
>>>>

>>>> <http://anandtech.com/mac/showdoc.aspx?i=2832&p=6>  
>>>>  
>>>> I'm a littl surprised this worked at all. There's also comparisons to a  
>>> 'benchmark'  
>>>> XP system which finds interesting results.  
>>>>  
>>>> Surprise surprise, multithreaded 3D tests show by far the biggest  
> performance  
>>>> boost. Those apps work a lot like a well written audio app. Hmmmm . . .  
>>>> TCB  
>>>  
>>> YES!!  
>>>  
>>> Eight, ocho, huit, acht, otto, BOCeMb, atte, Qk, 8!  
>>>  
>>> gene  
>  
>

---

---

Subject: Re: More on quad cores  
Posted by [Tony Benson](#) on Wed, 13 Sep 2006 22:01:51 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

Well I wouldn't put it past them, but let's hide and watch. We've been able to upgrade Apple CPU's for ever. They haven't necessarily been "pin for pin compatible"swap CPU's, but third party companies have offered upgrades for as long as I can remember. Maybe Apple will surprise us. I'm not gonna hold my breath, but you never know. The quad cores should be out by the time I'm looking to move up anyway! ;>)

Tony

"DJ" <[animix\\_spam-this-ahole\\_@animas.net](mailto:animix_spam-this-ahole_@animas.net)> wrote in message  
news:4508781f@linux...

>I will guarantee you that by the time that the Cloverton quads are  
>available  
> to the public, Apple will have found a way to prevent the user from  
> upgrading the machine themselves and will likely have a quad version that  
> will cost more \$\$ than it would cost for the end user to buy the  
> Clovertons,  
> install them and then sell the older CPU's to recoup his costs.  
>  
> Hide an watch. They have been taking Digidesign lessons for year.  
>  
> Deej  
>

>  
> "Jamie K" <Meta@Dimensional.com> wrote in message news:4508659c\$1 @linux...  
>>  
>> Nice. Bring 'em on!  
>>  
>> I'll use two processor cores to run Logic with a gazillion plugins, two  
>> to render animations, two to compress video for HD-DVD or BluRay, and  
>> um, the last two to cook something tasty for lunch...  
>>  
>> Cheers,  
>> -Jamie  
>> <http://www.JamieKruz.com>  
>>  
>>  
>> gene Lennon wrote:  
>> > "TCB" <nobody@ishere.com> wrote:  
>> >> Anandtech puts two quad cores inside a Mac and reports performance v.  
> normal  
>> >> Core Duos.  
>> >>  
>> >> <http://anandtech.com/mac/showdoc.aspx?i=2832&p=6>  
>> >>  
>> >> I'm a littl surprised this worked at all. There's also comparisons to  
>> >> a  
>> > 'benchmark'  
>> >> XP system which finds interesting results.  
>> >>  
>> >> Surprise surprise, multithreaded 3D tests show \_by far\_ the biggest  
> performance  
>> >> boost. Those apps work a lot like a well written audio app. Hmmmm . .  
>> >> .  
>> >  
>> >> TCB  
>> >  
>> >  
>> > YES!!  
>> >  
>> > Eight, ocho, huit, acht, otto, BOCeMb, atte, Qk, 8!  
>> >  
>> > gene  
>  
>

---

Subject: Re: More on quad cores

Posted by [gene Lennon\[3\]](#) on Wed, 13 Sep 2006 22:04:22 GMT

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

---

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

>I will guarantee you that by the time that the Cloverton quads are available  
>to the public, Apple will have found a way to prevent the user from  
>upgrading the machine themselves and will likely have a quad version that  
>will cost more \$\$ than it would cost for the end user to buy the Clovertons,  
>install them and then sell the older CPU's to recoup his costs.

>  
>Hide an watch. They have been taking Digidesign lessons for year.

>  
>Deej  
>

Well, I may have to run out and get a current 2X 3.0GHz Dual-Core, and suffer  
with 12GHz for a while.  
Gene

---

Subject: Re: More on quad cores  
Posted by [Deej \[1\]](#) on Wed, 13 Sep 2006 22:40:31 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

"gene Lennon" <glennon@NOSP.com> wrote in message news:45088066\$1@linux...

>  
> "DJ" <animix\_spam-this-ahole\_@animas.net> wrote:  
> >I will guarantee you that by the time that the Cloverton quads are  
available  
> >to the public, Apple will have found a way to prevent the user from  
> >upgrading the machine themselves and will likely have a quad version that  
> >will cost more \$\$ than it would cost for the end user to buy the  
Clovertons,  
> >install them and then sell the older CPU's to recoup his costs.

> >  
> >Hide an watch. They have been taking Digidesign lessons for year.

> >  
> >Deej  
> >

>  
> Well, I may have to run out and get a current 2X 3.0GHz Dual-Core, and  
suffer  
> with 12GHz for a while.  
> Gene

>

See???.....you Mac guys will put up with anything!

;oD

---

---



Subject: Re: More on quad cores

Posted by [chuck duffy](#) on Thu, 14 Sep 2006 13:05:02 GMT

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

---

DJ,

There's already a dude who put two quad samples in his mac, and powered up with 8 active processors!

Chuck

"DJ" <[animix\\_spam-this-ahole\\_@animas.net](mailto:animix_spam-this-ahole_@animas.net)> wrote:

>I will guarantee you that by the time that the Cloverton quads are available  
>to the public, Apple will have found a way to prevent the user from  
>upgrading the machine themselves and will likely have a quad version that  
>will cost more \$\$ than it would cost for the end user to buy the Clovertons,  
>install them and then sell the older CPU's to recoup his costs.

>

>Hide an watch. They have been taking Digidesign lessons for year.

>

>Deej

>

>

>"Jamie K" <[Meta@Dimensional.com](mailto:Meta@Dimensional.com)> wrote in message [news:4508659c\\$1@linux...](mailto:news:4508659c$1@linux...)

>>

>> Nice. Bring 'em on!

>>

>> I'll use two processor cores to run Logic with a gazillion plugins, two  
>> to render animations, two to compress video for HD-DVD or BluRay, and  
>> um, the last two to cook something tasty for lunch...

>>

>> Cheers,

>> -Jamie

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

>>

>>

>> gene Lennon wrote:

>> > "TCB" <[nobody@ishere.com](mailto:nobody@ishere.com)> wrote:

>> >> Anandtech puts two quad cores inside a Mac and reports performance  
>> v.

>normal

>> >> Core Duos.

>> >>

>> >> <http://anandtech.com/mac/showdoc.aspx?i=2832&p=6>

>> >>

>> >> I'm a littl surprised this worked at all. There's also comparisons  
>> to a

>> > 'benchmark'

>> >> XP system which finds interesting results.

>> >>  
>> >> Surprise surprise, multithreaded 3D tests show \_by far\_ the biggest  
>performance  
>> >> boost. Those apps work a lot like a well written audio app. Hmmmm .  
. .  
>> >  
>> >> TCB  
>> >  
>> >  
>> > YES!!  
>> >  
>> > Eight, ocho, huit, acht, otto, BOCeMb, atte, Qk, 8!  
>> >  
>> > gene  
>  
>

---

---

Subject: Re: More on quad cores  
Posted by [Deej \[1\]](#) on Thu, 14 Sep 2006 13:45:44 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

I saw that they did this on anandtech. Are quad core CPU's now available to the general public? My thought was that if the Quad'ws aren't yet available, that Apple will find a way between now and then to bugger this up to the point that it won't be possible unless they are purchased from Apple.

Hope I'm wrong.

Deej

"chuck duffy" <c@c.com> wrote in message news:4509537e\$1@linux...  
>  
> DJ,  
>  
> There's already a dude who put two quad samples in his mac, and powered up  
> with 8 active processors!  
>  
> Chuck  
>  
> "DJ" <animix\_spam-this-ahole\_@animas.net> wrote:  
> >I will guarantee you that by the time that the Cloverton quads are  
available  
> >to the public, Apple will have found a way to prevent the user from  
> >upgrading the machine themselves and will likely have a quad version that  
> >will cost more \$\$ than it would cost for the end user to buy the  
Clovertons,  
> >install them and then sell the older CPU's to recoup his costs.

> >  
> > Hide an watch. They have been taking Digidesign lessons for year.  
> >  
> > Deej  
> >  
> >  
> > "Jamie K" <Meta@Dimensional.com> wrote in message  
news:4508659c\$1@linux...  
> >>  
> >> Nice. Bring 'em on!  
> >>  
> >> I'll use two processor cores to run Logic with a gazillion plugins, two  
> >> to render animations, two to compress video for HD-DVD or BluRay, and  
> >> um, the last two to cook something tasty for lunch...  
> >>  
> >> Cheers,  
> >> -Jamie  
> >> <http://www.JamieKruz.com>  
> >>  
> >>  
> >> gene Lennon wrote:  
> >>> "TCB" <nobody@ishere.com> wrote:  
> >>>> Anandtech puts two quad cores inside a Mac and reports performance  
> > v.  
> > normal  
> >>>> Core Duos.  
> >>>>  
> >>>> <http://anandtech.com/mac/showdoc.aspx?i=2832&p=6>  
> >>>>  
> >>>> I'm a littl surprised this worked at all. There's also comparisons  
> > to a  
> >>> 'benchmark'  
> >>>> XP system which finds interesting results.  
> >>>>  
> >>>> Surprise surprise, multithreaded 3D tests show \_by far\_ the biggest  
> > performance  
> >>>> boost. Those apps work a lot like a well written audio app. HmMMM .  
> > .  
> >>>>  
> >>>>> TCB  
> >>>>  
> >>>>  
> >>>> YES!!  
> >>>>  
> >>>> Eight, ocho, huit, acht, otto, BOCeMb, atte, Qk, 8!  
> >>>>  
> >>>> gene  
> >

> >  
>

---

Subject: Re: More on quad cores  
Posted by [chuck duffy](#) on Thu, 14 Sep 2006 22:40:46 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

SAMPLES, I SAID SAMPLES :-) The big sites get them. It's one of the perks when you life consists of running benchmark suites non-stop.

Chuck

"DJ" <[animix\\_spam-this-ahole\\_@animas.net](mailto:animix_spam-this-ahole_@animas.net)> wrote:

>I saw that they did this on anandtech. Are quad core CPU's now available to

>the general public? My thought was that if the Quad'ws aren't yet available, >that Apple will find a way between now and then to bugger this up to the >point that it won't be possible unless they are purchased from Apple.

>  
>Hope I'm wrong.

>  
>Deej

>  
>"chuck duffy" <[c@c.com](mailto:c@c.com)> wrote in message [news:4509537e\\$1@linux...](news:4509537e$1@linux...)

>>  
>> DJ,

>>  
>> There's already a dude who put two quad samples in his mac, and powered up >> with 8 active processors!

>>  
>> Chuck

>>  
>> "DJ" <[animix\\_spam-this-ahole\\_@animas.net](mailto:animix_spam-this-ahole_@animas.net)> wrote:

>> >I will guarantee you that by the time that the Cloverton quads are >available >> >to the public, Apple will have found a way to prevent the user from >> >upgrading the machine themselves and will likely have a quad version that

>> >will cost more \$\$ than it would cost for the end user to buy the >Clovertons, >> >install them and then sell the older CPU's to recoup his costs.

>> >  
>> >Hide an watch. They have been taking Digidesign lessons for year.

>> >  
>> >Deej

>> >

>> >  
>> >"Jamie K" <Meta@Dimensional.com> wrote in message  
>news:4508659c\$1@linux...  
>> >>  
>> >> Nice. Bring 'em on!  
>> >>  
>> >> I'll use two processor cores to run Logic with a gazillion plugins,  
two  
>> >> to render animations, two to compress video for HD-DVD or BluRay, and  
>> >> um, the last two to cook something tasty for lunch...  
>> >>  
>> >> Cheers,  
>> >> -Jamie  
>> >> <http://www.JamieKruz.com>  
>> >>  
>> >>  
>> >> gene Lennon wrote:  
>> >> > "TCB" <nobody@ishere.com> wrote:  
>> >> >> Anandtech puts two quad cores inside a Mac and reports performance  
>> >> v.  
>> >normal  
>> >> >> Core Duos.  
>> >> >>  
>> >> >> <http://anandtech.com/mac/showdoc.aspx?i=2832&p=6>  
>> >> >>  
>> >> >> I'm a littl surprised this worked at all. There's also comparisons  
>> to a  
>> >> > 'benchmark'  
>> >> >> XP system which finds interesting results.  
>> >> >>  
>> >> >> Surprise surprise, multithreaded 3D tests show \_by far\_ the biggest  
>> >performance  
>> >> >> boost. Those apps work a lot like a well written audio app. HmMMM

---

---

Subject: Re: More on quad cores  
Posted by [Chris Ludwig](#) on Fri, 15 Sep 2006 05:21:32 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

Hi Chuck,  
Yes engineers samples go out to review site first then out to vendors.  
WE should be getting some in a 2 or 3 weeks I think. I believe they will  
start to be ready available as long as there are no issues along the way  
probably Oct/November.

Biggest issues for Xeons still are still heat and noise. Allot lest than  
they used to be but for some reason still uses that stupid 604 based  
socket design even thought the chips could easily use the 775 one like

the P4 and Conroe. Hardly anyone makes 3rd party CPU heat sinks so it is very difficult and more expensive trying to make them quiet. The Opterons are very easy to get quiet heat sinks for because they use the same socket as the x2.

Chris

chuck duffy wrote:

> SAMPLES, I SAID SAMPLES :-) The big sites get them. It's one of the perks  
> when you life consists of running benchmark suites non-stop.  
>  
> Chuck  
>  
> "DJ" <animix\_spam-this-ahole\_@animas.net> wrote:  
>  
>>I saw that they did this on anandtech. Are quad core CPU's now available  
>  
> to  
>  
>>the general public? My thought was that if the Quad'ws aren't yet available,  
>>that Apple will find a way between now and then to bugger this up to the  
>>point that it won't be possible unless they are purchased from Apple.  
>>  
>>Hope I'm wrong.  
>>  
>>Deej  
>>  
>>"chuck duffy" <c@c.com> wrote in message news:4509537e\$1@linux...  
>>  
>>>DJ,  
>>>  
>>>There's already a dude who put two quad samples in his mac, and powered  
>  
> up  
>  
>>>with 8 active processors!  
>>>  
>>>Chuck  
>>>  
>>>"DJ" <animix\_spam-this-ahole\_@animas.net> wrote:  
>>>  
>>>>I will guarantee you that by the time that the Cloverton quads are  
>>  
>>available  
>>  
>>>>to the public, Apple will have found a way to prevent the user from  
>>>>upgrading the machine themselves and will likely have a quad version

>  
> that  
>  
>>>>will cost more \$\$ than it would cost for the end user to buy the  
>>  
>>Clovertons,  
>>  
>>>>install them and then sell the older CPU's to recoup his costs.  
>>>>  
>>>>Hide an watch. They have been taking Digidesign lessons for year.  
>>>>  
>>>>Deej  
>>>>  
>>>>  
>>>>"Jamie K" <Meta@Dimensional.com> wrote in message  
>>  
>>news:4508659c\$1@linux...  
>>  
>>>>>Nice. Bring 'em on!  
>>>>>  
>>>>>I'll use two processor cores to run Logic with a gazillion plugins,  
>  
> two  
>  
>>>>>to render animations, two to compress video for HD-DVD or BluRay, and  
>>>>>um, the last two to cook something tasty for lunch...  
>>>>>  
>>>>>Cheers,  
>>>>> -Jamie  
>>>>> <http://www.JamieKruz.com>  
>>>>>  
>>>>>  
>>>>>gene Lennon wrote:  
>>>>>  
>>>>>>"TCB" <nobody@ishere.com> wrote:  
>>>>>>  
>>>>>>>Anandtech puts two quad cores inside a Mac and reports performance  
>>>  
>>>>v.  
>>>  
>>>>normal  
>>>>  
>>>>>>>Core Duos.  
>>>>>>>  
>>>>>>>><http://anandtech.com/mac/showdoc.aspx?i=2832&p=6>  
>>>>>>>>  
>>>>>>>>>I'm a littl surprised this worked at all. There's also comparisons  
>>>

>>>to a  
>>>  
>>>>>'benchmark'  
>>>>>  
>>>>>XP system which finds interesting results.  
>>>>>  
>>>>>Surprise surprise, multithreaded 3D tests show \_by far\_ the biggest  
>>>>  
>>>>performance  
>>>>  
>>>>>>boost. Those apps work a lot like a well written audio app. Hmmmm

--

Chris Ludwig  
ADK  
chrisl@adkproaudio.com <mailto:chrisl@adkproaudio.com>  
www.adkproaudio.com <http://www.adkproaudio.com/>  
(859) 635-5762

---