
Subject: Re: Speed test on Mac G5, anyone?
Posted by [mperrin+news](#) on Thu, 03 Jul 2003 06:48:10 GMT
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Richard G. French <rfrench@wellesley.edu> wrote:
> Do any of you have a new G5, and if so, have you run a speed test to see how
> it compares to a G4? Thanks!

I don't believe the machines are actually shipping until the end of the summer.

- Marshall

Subject: Re: Speed test on Mac G5, anyone?
Posted by [JD Smith](#) on Thu, 03 Jul 2003 14:49:24 GMT
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On Wed, 02 Jul 2003 23:48:10 -0700, Marshall Perrin wrote:

> Richard G. French <rfrench@wellesley.edu> wrote:
>> Do any of you have a new G5, and if so, have you run a speed test to
>> see how it compares to a G4? Thanks!

And, more importantly, is RSI planning a 64-bit/AltiVec version of IDL for the G5? Potentially a wickedly fast IDL workstation.

JD

Subject: Re: Speed test on Mac G5, anyone?
Posted by [Rick Towler](#) on Thu, 03 Jul 2003 18:41:17 GMT
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"JD Smith" wrote in message...
> On Wed, 02 Jul 2003 23:48:10 -0700, Marshall Perrin wrote:
>
>> Richard G. French wrote:
>>> Do any of you have a new G5, and if so, have you run a speed test to
>>> see how it compares to a G4? Thanks!

It is too bad apple didn't submit SPEC CPU2000 results for the PPC G4 (at least I couldn't find them on the spec site. Maybe you can dig up some unofficial scores). While the SPEC CPU benchmarks they released for the PPC 970 should be taken with a shaker full of salt the comparison would be a start.

> And, more importantly, is RSI planning a 64-bit/Altivec version of IDL for
> the G5? Potentially a wickedly fast IDL workstation.

And more more importantly, is RSI planning an x86-64 version of IDL for the
Opteron and the Lateron? With the G5 I think it is not a matter of if but
of when. With x86-64 the future isn't so certain. I would guess it would
depend on demand.

-Rick

Subject: Re: Speed test on Mac G5, anyone?
Posted by [Paul Van Delst\[1\]](#) on Thu, 03 Jul 2003 20:50:17 GMT
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Rick Towler wrote:

>
> And more more importantly, is RSI planning an x86-64 version of IDL for the
> Opteron and the Lateron?

The Lateron? As in: "Not now, honey....lateron." ???

paulv

p.s. Reminds me of DEC Visual Fortran (DVF) changing its name to CVF when Compaq bought
DEC, and now that Intel bought Compaq (the Fortran compiler-making part at least),
well.... IVF has been a real shot in the arm. :o) Ehem.

--

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Subject: Re: Speed test on Mac G5, anyone?
Posted by [Rick Towler](#) on Thu, 03 Jul 2003 23:05:24 GMT
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"Paul van Delst" wrote in message ...

> Rick Towler wrote:
>>
>> And more more importantly, is RSI planning an x86-64 version
>> of IDL for the Opteron and the Lateron?
>

> The Lateron? As in: "Not now, honey....lateron." ???

Exactly :)

The Opteron's sibling the "Clawhammer" aka the Athlon64 has been dubbed the Lateron by the fellas at theinquirer.net due to it's ever slipping launch date.

-r

Subject: Re: Speed test on Mac G5, anyone?

Posted by [Richard French](#) on Wed, 09 Jul 2003 03:56:03 GMT

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>

> It is too bad apple didn't submit SPEC CPU2000 results for the PPC G4 (at
> least I couldn't find them on the spec site. Maybe you can dig up some
> unofficial scores). While the SPEC CPU benchmarks they released for the PPC
> 970 should be taken with a shaker full of salt the comparison would be a
> start.

>

From

<http://www.globetechnology.com/servlet/story/RTGAM.20030625.gtsandyjune25/BNStory/Technology/>

Nice to see that they included Mathematica in the bake-off:

"What really matters, of course, is real world performance. Apple made its case on Monday with impressive benchmark test results and a series of live demos that pitted a dual-processor 2.0 GHz PowerMac G5 test system against two Intel-based computers: a 3.0 GHz Pentium 4 and a 3.06 GHz dual-processor Xeon system.

"Marketing demos are always chosen to highlight a product's best features. Past Apple "bake-off" tests have usually featured Adobe Photoshop doing difficult things with graphics, which played to the Mac's strengths. This time, however, the demos highlighted graphic performance (Photoshop), animation (Luxology), pro audio (Logic) and large-scale numerical problem solving (Mathematica).

"Wolfram Research co-founder Theo Gray concluded his demo of Mathematica with this observation: "The competition for [the PowerMac G5] is not PCs anymore. The competition for our customers is high-end workstations that cost twice as much. And it's faster than all of them, too."

Subject: Re: Speed test on Mac G5, anyone?

Posted by [Richard French](#) on Wed, 09 Jul 2003 03:58:29 GMT

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>
> It is too bad apple didn't submit SPEC CPU2000 results for the PPC G4 (at
> least I couldn't find them on the spec site. Maybe you can dig up some
> unofficial scores). While the SPEC CPU benchmarks they released for the PPC
> 970 should be taken with a shaker full of salt the comparison would be a
> start.

>
And from
http://zdnet.com.com/2100-1103_2-1021642.html:

Although Apple has won praise for the new Macs as a substantial improvement over earlier machines, some have criticized the choices made in putting together the rival Dell machine for use in so-called SPEC tests. Apple's tests used the same GCC compiler for both machines, with the Dell boxes running the Linux operating system. Critics charge that much higher benchmarks can be achieved using the Windows OS and an Intel-optimized compiler, rather than GCC.

"It wasn't really a fair test," said one analyst, who said that the Dell machines are capable of producing scores 30 percent to 40 percent higher than those produced under Apple's methodology. "The reason this happened is Apple had a third party go out and test a Dell under less than optimal conditions."

In response, an Apple representative said it wanted to compare hardware performance, so it made sense to use the same compiler on the Mac and the Dell. The SPEC benchmark tests measure the performance of the hardware and the compiler.
