

Re: Also seeing 2 x quad-core system slower than 2 x dual core

## Re: Also seeing 2 x quad-core system slower than 2 x dual core

---

*Source:* <http://unix.derkeiler.com/Mailing-Lists/FreeBSD/stable/2007-11/msg00816.html>

---

- *From:* Gavin Atkinson <[gavin.atkinson@xxxxxxxxxxxxxx](mailto:gavin.atkinson@xxxxxxxxxxxxxx)>
  - *Date:* Fri, 30 Nov 2007 15:20:36 +0000
- 

On Fri, 2007-11-30 at 09:44 -0500, Jim Pingle wrote:

This may be a silly question, but have you tried reducing the RAM on the quad core machine to 4GB so the machines match in that respect as well?

I seem to recall a thread a while back about someone who had slowdowns in a certain situation with large amounts of RAM (>4GB).

This was with the Intel 965 chipset, and was fixed with a BIOS upgrade, something to do with the way the BIOS set cache info up about memory above 4Gb. A BIOS upgrade may be worth trying.

Removing memory from the slow one to leave it with 4Gb may be a useful datapoint. Note that I don't think you can just set `hw.maxmem` as that makes no guarantee as to \*which\* physical 4Gb will get used.

Finally, I assume you are using FreeBSD amd64 and not i386 in PAE mode? Posting `dmesg` outputs from both systems somewhere might be useful, I can't see it in the previous posts.

Gavin

---

`freebsd-stable@xxxxxxxxxxxxx` mailing list

<http://lists.freebsd.org/mailman/listinfo/freebsd-stable>

To unsubscribe, send any mail to "`freebsd-stable-unsubscribe@xxxxxxxxxxxxx`"