

Re: Which (AMD) hardware discussion

Source:

<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.sbs/2004-08/6018.html>

From: wedor (*anonymous_at_discussions.microsoft.com*)

Date: 08/18/04

Date: Wed, 18 Aug 2004 06:49:16 -0700

Yes, my single Opteron at 1600 is faster than a pair of 2000's.

I would definitely build another.

I can't say for sure at that speed but at least with the Opteron system you could upgrade later to a faster CPU, the Athlon line is nearing the end its life cycle, not much of an upgrade path left should you end up keeping this a while.

You could upgrade to a 2400 (Opteron 150) CPU later but you won't get that kind of option if you use Athlons.

>-----Original Message-----

>Hi Wedore,

>

>So is your Opteron faster than twin Athlons then?

>

>If you had to do another SBS server now would you still go the Opteron

>route? Looking at costs it looks like a twin Athlon Mp-2800 system is about

>the same cost as a Opteron 140 (1-way 1400mhz), which of those two do you

>think would be faster?

>

>Cheers,

> Nick

>

>"wedor" <anonymous@discussions.microsoft.com> wrote in message

>news:7abd01c48498\$e0fcdd20\$a501280a@phx.gbl...

>> For longest life I went with the 64 bit boards, I figured

>> that if they do indeed come out with a 64 bit version of

>> *the OS I'd be covered.*
>>
>> *You can get a single 64 bit board for \$160, the dual*
>> *versions cost about \$425+, you can still get the dual*
>> *Athlon MP versions (no dual XP) for about \$200+.*
>>
>> *I think all of the older dual MP boards have 64 bit*
slots
>> *in them, usually at least 2.*
>>
>> *I have SBS2K running on a Tyan S2469 with 2x2000MP and*
>> *1gb of ECC RAM, I recently built an SBS2K3 using a Tyan*
>> *S2882, 1x242 (1.6ghz) Opteron and 2gb ECC RAM, the*
>> *Opteron system is faster than any of the other systems*
I
>> *have running.*
>>
>>
>> >-----Original Message-----
>> >Thank Mal, this is going to be an SBS standard, so no
>> SQL Server.
>> >
>> >Unless anyone else has an opinion it looks like I will
>> go for one of the old
>> >twin Athlon motherboards then, that is if they are
still
>> *available. Add to*
>> >*that 1Gb of ECC Ram and for the moment a single*
ultra320
>> *drive. Is there*
>> >*likely to be much difference between a 32bit or 64bit*
>> *SCSI controller?*
>> >
>> >Nick
>> >
>> >
>> >"Mal Osborne" <malcolmo@silverfern.com.au> wrote in
>> *message*
>> >*news:OAtWCTFhEHA.1184@TK2MSFTNGP12.phx.gbl...*
>> >> *#1 sounds best to me.*
>> >>
>> >> *CPU speed is usually not a bottleneck with SBS,*
even a
>> *lowly PIII-800 is*
>> >> *often never pegged to 100%. This may vary with some*
>> *3rd party apps, or*
>> >> *badly written SQL. A slowish FSB is really not an*
>> *issue. ECC RAM, SCSI, &*
>> >*a*
>> >> *proven, stable platform is way more important.*
>> >>

>> >> *Mal Osborne*
>> >> *MCSE MVP Mensa*
>> >>
>> >>
>> >> *"NickC" <me@somewhere.com> wrote in message*
>> >> *news:O1G6dvEhEHA.3932@TK2MSFTNGP09.phx.gbl...*
>> >> *>I am still having trouble deciding which way to go*
>> >> *for a ten user SBS*
>> >> *>server*
>> >> *> and would welcome any opinions on the subject. I*
>> >> *would like to stick*
>> >> *>with*
>> >> *> some breed of AMD cpu mainly because we have been*
>> >> *using them for the*
>> >> *>past*
>> >> *> ten years with very few failures. One of the*
>> >> *biggest problems I have*
>> >> *> found*
>> >> *> is finding a motherboard with support for ECC*
memory.
>> >> >
>> >> *> Seems to me there are three main options:*
>> >> >
>> >> *> 1). Dual Athlon XP board (with or without dual*
cpu)
>> >> *> + Supports ECC Ram*
>> >> *> - No SATA or raid onboard, use Ultra320 SCSI*
>> >> *> instead*
>> >> *> - Last developed 2 years ago, fsb slow by*
current
>> >> *> standards*
>> >> *> + Likely to be very stable*
>> >> >
>> >> *> 2). Moden single Athlon NVideo nForce2 Ultra 400*
or
>> >> *> similar board*
>> >> *> - Does NOT support ECC Ram*
>> >> *> + On board SATA & Raid*
>> >> *> + Reasonably stable depending upon use of*
latest
>> >> *> drivers*
>> >> >
>> >> *> 3). Socket 940 Opteron 140 - 1-way 1400mhz*
>> >> *> A bit more expensive*
>> >> *> + supports ECC Ram*
>> >> *> + On board SATA & Raid 0,1*
>> >> *> - unknown stability*
>> >> *> - possible recently discovered Opteron bug*
>> >> >
>> >> *> Which do you think would be best to use?*
>> >> >

>> >> > *Thanks,*

>> >> > *Nick*

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