

Re: 3rd DIMM slot

Source:

<http://www.tech-archive.net/Archive/WinXP/microsoft.public.windowsxp.hardware/2006-01/msg01225.html>

- *From:* "Jonny" <spamyourself@xxxxxxxxxx>
 - *Date:* Tue, 24 Jan 2006 07:37:30 -0500
-

Motherboard bios is very limited regarding overclocking the cpu and memory. See no facility for the memory at all. Current cpu is celeron running 24X on 100MHz bus. Everest says its a Northwood. Recently acquired a Prescott Pentium that this motherboard does not recognize. Found a motherboard at premium discount that will take both the memory and new cpu and work with both. Intend to swap, old mobo, celeron, one ram stick, and turtle beach sound card will be removed from system.

New motherboard has onboard Firewire, but no ports built-in. Know where I can purchase the 16 pin receptacle cable and external port assembly for this?

Motherboard: GIGABYTE GA-8IPE1000 PRO-G

.....

Jonny

"Bob Knowlden" <nkbob@xxxxxxxxxxxxx> wrote in message
news:OVS9NsJIGHA.2036@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx

> Your manual:

>

> <ftp://ftp.aopen.com/pub/manual/mb/ax4gen/ax4gen-01-e.pdf>

>

> (about 4.4 MB). The memory configuration suggests that the board works
> best with RAM in the first 2 slots, if it's PC2700. I presume the same
> would apply to PC3200.

>

> It's not unusual for mainboards to not support filling all slots, due to
> signal limitations.

>

> If you have a 533 MHz FSB (front side bus) CPU, and you run the RAM at the
> normal synchronous data rate, it will be at DDR266 (PC2100) rates. It may
> be possible to run the RAM asynchronously using a memory multiplier; I did
> that with an old Asus P4S533. It is, however, a form of overclocking, and
> I can't guess whether your board would tolerate it. (The manual supplies
> little information on BIOS settings.) As the PC3200 cost less than PC2100,
> there's no loss even if you have to run it at PC2100. (You may be able to
> use tighter memory timings, set manually in the BIOS.)

>

> Sorry that I can't be more encouraging.

>

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>
> Address scrambled. Replace nkbob with bobkn.
>
> "Jonny" <spamyourself@xxxxxxxx> wrote in message
> news:OsY%23%23XHIGHA.1836@xxxxxxxxxxxxxxxxxxxxxxxxxxxx
>> AOpen AX4GE-N motherboard. Has 3 RAM slots for plain old DDR. Bios auto
>> setting was driving original RAM @266MHz or PC2100, 512MB.
>>
>> Went to crucial website, said motherboard would take PC3200, 400MHz.
>> Bought two 512MB modules, single sided. Installed both at slots 1 and 2.
>> Bios still ran RAM @266MHz. Saw both at 1GB total The only manual
>> setting was the same for speed. Looked at old RAM, its PC2700, double
>> sided.
>>
>> Tried the old RAM in slot 3, not recognized. Moved new RAM to slots 2
>> and 3, left out old RAM. PC only saw 512MB.
>>
>> How can I use all 3 RAM slots on this motherboard?
>>
>>

• *Follow-Ups:*

- ◆ [Re: 3rd DIMM slot](#)
◇ From: Bob Knowlden

• *References:*

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