
Subject: DDR400

Posted by [Kanezor](#) on Mon, 18 Dec 2006 22:53:23 GMT

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

This is not regarding Dance Dance Revolution! That's a joke, so laugh.

I'm looking to get myself some more memory for Christmas (yeah, I know it's a week away... I only just got the monies for it). Problem is that I know next to jack shit about hardware stuff, memory especially.

This is my machine:

http://www.powerspec.com/systems/archives/system_archive.phtml?selection=9262

This is my memory info:

http://www.powerspec.com/systems/archives/system_components.phtml?component=769&selection=9262

All I know is that it's DDR400, which is apparently (?) the same thing as PC3200... ?

In any case, I'm looking to upgrade from 1GB (2x512MB) total to either 2GB, 3GB or hopefully 4GB.

I've read things regarding ECC, registered, dual channel, etc... what's the difference? Are they all compatible? Are they not compatible? I'm fairly certain that my current memory is dual channel (on boot-up, the BIOS mentions that the memory is "operating in dual channel mode").

Any recommendations?

Subject: Re: DDR400

Posted by [fl00d3d](#) on Mon, 18 Dec 2006 23:05:12 GMT

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

This is going to sound pretty obviously, but you need to check what kind of memory your system requires and use only that type of memory (consistently with all sticks). Make sure your memory's clock matches your cpu's clock, etc. and is under the limit of your bus speed - for maximum performance.

Subject: Re: DDR400

Posted by [Blazer](#) on Tue, 19 Dec 2006 00:09:05 GMT

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

ECC and Registered usually mean the same thing. You don't *need* ECC unless it's the only kind your board takes (doubtful, unless its a server-class board). AFAIK all DDR is dual-channel and performs best in like-pairs.

Subject: Re: DDR400
Posted by [Zion](#) on Tue, 19 Dec 2006 00:14:11 GMT
[View Forum Message](#) <> [Reply to Message](#)

Stick with a PC3200 (any size up to 1gb and unbuffered) and you'll be fine. Just remember to make sure it's 128 pin DIMM (single notch) otherwise it won't fit the socket on your motherboard.

Subject: Re: DDR400
Posted by [Caveman](#) on Tue, 19 Dec 2006 01:53:07 GMT
[View Forum Message](#) <> [Reply to Message](#)

If its dual channel memory that it must be in pairs. I've never heard of 128pin DDR memory but ok.

Subject: Re: DDR400
Posted by [Dave Anderson](#) on Tue, 19 Dec 2006 06:07:01 GMT
[View Forum Message](#) <> [Reply to Message](#)

Corsair XMS Series RAM (2GB Dual Channel Kit)
<http://www.newegg.com/Product/Product.asp?Item=N82E16820145574>

Corsair XMS Series RAM (1GB Dual Channel Kit)
<http://www.newegg.com/Product/Product.asp?Item=N82E16820145449>

Corsair XMS Series RAM is the only RAM I will ever buy. It is fast, reliable, and is a very good brand. Either kit should work fine with your motherboard.

Quote:Stick with a PC3200 (any size up to 1gb and unbuffered) and you'll be fine. Thumbs Up
Just remember to make sure it's 128 pin DIMM (single notch) otherwise it won't fit the socket on your motherboard.

184* pins.

Subject: Re: DDR400
Posted by [icedog90](#) on Tue, 19 Dec 2006 07:34:31 GMT
[View Forum Message](#) <> [Reply to Message](#)

You want unbuffered, not registered (ECC). Registered is meant only for servers. Also, you have DDR because in your system specifications it says 184-pin. PC3200 IS DDR400, and you want that speed because you have a Pentium 4.

Subject: Re: DDR400

Posted by [Zion](#) on Tue, 19 Dec 2006 08:04:07 GMT

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

Dave Anderson wrote on Tue, 19 December 2006 06:07

Quote:Stick with a PC3200 (any size up to 1gb and unbuffered) and you'll be fine. Thumbs Up
Just remember to make sure it's 128 pin DIMM (single notch) otherwise it won't fit the socket on your motherboard.

184* pins.

Yeah, don't know what happened much, it was late too, and i was rushing

Subject: Re: DDR400

Posted by [Goztow](#) on Tue, 19 Dec 2006 08:32:17 GMT

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

nVidia GeForce FX 5300 PCIe 128MB

This ain't a gaming PC, is it?

Subject: Re: DDR400

Posted by [Kanezor](#) on Tue, 19 Dec 2006 09:03:12 GMT

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

Thanks for the informations.

Goztow wrote on Tue, 19 December 2006 02:32nVidia GeForce FX 5300 PCIe 128MB

This ain't a gaming PC, is it?

I upgraded the graphics card to an ATI Radeon X800 XL several months after purchasing the computer. Additionally, I added another 250GB hard drive, as well as a 500GB.

I do use the computer for gaming, but not strictly gaming. I also use it to do just about everything a computer can do: write & debug software, compress & watch videos, work with (small) databases, etc... jack of all trades, if you will.

Subject: Re: DDR400

Posted by [Carrierll](#) on Tue, 19 Dec 2006 11:43:36 GMT

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

www.crucial.com if you are really unsure. It'll tell you straight off.
