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Subject: Ram.

Posted by [badmanh](#) on Fri, 08 Dec 2006 17:28:48 GMT

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here goes im building my own comp and i stuck do i get normal ram(1gb) or Ddr(512 my dad says this is the same as the 1gb normal). what is the difference between the two?

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Subject: Re: Ram.

Posted by [cmatt42](#) on Fri, 08 Dec 2006 21:11:34 GMT

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They are definitely not the same. DDR > "normal" RAM.

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Subject: Re: Ram.

Posted by [jnz](#) on Fri, 08 Dec 2006 21:56:17 GMT

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i disagree... the "normal" ram these days is ddr2 so:

"normal" > DDR.

you gotter tell us what you cll "normal" though.

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Subject: Re: Ram.

Posted by [icedog90](#) on Sat, 09 Dec 2006 00:02:12 GMT

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I think what he means by "normal" is SDRAM. SDRAM is a different size, so if you already have SDRAM in your motherboard, you're not going to be able to fit DDR unless you buy a new motherboard.

By the way, DDR2 completely fails.

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Subject: Re: Ram.

Posted by [Carrierll](#) on Sat, 09 Dec 2006 16:34:44 GMT

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Don't know what to buy?

[www.crucial.com](http://www.crucial.com)

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Subject: Re: Ram.

Posted by [badmanh](#) on Sun, 10 Dec 2006 14:26:00 GMT

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he says that the 512 ddr ram will work as 1gb sdram is that true?

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Subject: Re: Ram.

Posted by [light](#) on Mon, 11 Dec 2006 20:43:59 GMT

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For a start as far as I know, DDR and SD won't fit in the same motherboard, so I'm assuming you don't have a mobo yet. (If you do, then you've already chosen your ram)

I don't know which is faster, but here's an analogy:

512DDR is like a 2 lane 100mph road

1024SD is like a 4 lane 70mph road.

In a speed race, 512DDR is better, but it will get filled up faster and slow you down if you're doing lots of things at the same time.

I would recommend no less than 768 RAM nowadays.

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Subject: Re: Ram.

Posted by [icedog90](#) on Tue, 12 Dec 2006 06:30:17 GMT

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You can get 1GB of DDR cheaper than 1GB of SDRAM.

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Subject: Re: Ram.

Posted by [jnz](#) on Tue, 12 Dec 2006 08:20:45 GMT

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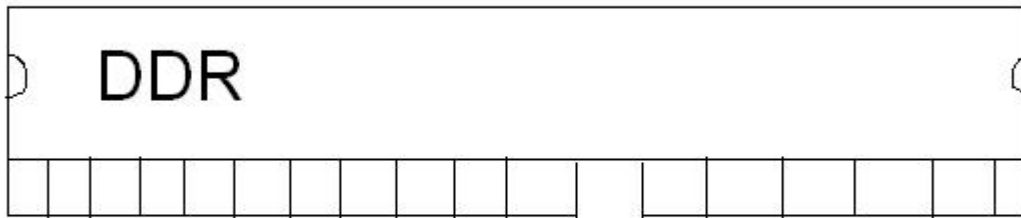
is you want to know weather it is SDRAM or DDR ram i just look how many notches the contact side has got

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## File Attachments

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1) [DDR.JPG](#), downloaded 823 times



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Subject: Re: Ram.

Posted by [SeargentSarg](#) on Wed, 13 Dec 2006 14:50:29 GMT

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SDRAM blows. As far as I know, it was one of the first ram modules made.

DDR is right in the middle of SDRAM and DDR2.

DDR2 is the best type of ram out there right now.

RAM is more important then the CPU in the long run, so if you want to invest in a fast computer, invest \$300+ in 2GB of DDR2.

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Subject: Re: Ram.

Posted by [jnz](#) on Wed, 13 Dec 2006 17:45:35 GMT

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SeargentSarg wrote on Wed, 13 December 2006 14:50SDRAM blows. As far as I know, it was one of the first ram modules made.

DDR is right in the middle of SDRAM and DDR2.

DDR2 is the best type of ram out there right now.

RAM is more important then the CPU in the long run, so if you want to invest in a fast computer, invest \$300+ in 2GB of DDR2.

completly wrong. well...some of it.

SDRAM wasn't the first made as i have seen an older computer with 32Mb moduals for ram (is wasn't SDRAM, but it was old).

no need to spend so much on RAM, why?!?

you get the fastest RAM and about 1Gb max! also try to use lower modules as this make things fast like: 3 256DDR2.

you need to reasearch as well...there are diffrent speed of ram so big companys can use lowers and spend very little on it: EG;

my computer uses DDR ram, i have 3 sticks of DDR400 (PC2700) 512Mb. i have not seen one computer from "PC World" or "Dell" that have anything near this.

open up task maneger and you can see how much ram each program is using, add this up and you will see why most of it is wasted.

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Subject: Re: Ram.

Posted by [icedog90](#) on Sun, 17 Dec 2006 09:55:09 GMT

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DDR2 isn't better at all. It may have faster clock speeds, but the timings are REALLY BAD.

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Subject: Re: Ram.

Posted by [Blazer](#) on Sun, 17 Dec 2006 11:20:30 GMT

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before SDRAM there was DRAM, and before that they were SIMMs. I still have a bunch of 256KB SIMMs in a box somewhere.

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Subject: Re: Ram.

Posted by [light](#) on Mon, 25 Dec 2006 07:39:27 GMT

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I still have a box that uses EDO RAM.

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Subject: Re: Ram.

Posted by [iSm0k3r0x](#) on Wed, 03 Jan 2007 19:30:55 GMT

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gamemodding wrote on Tue, 12 December 2006 03:20 is you want to know weather it is SDRAM or DDR ram i just look how many notches the contact side has got

I have 2 512 MB SDRAM, but also my motherboard is stock. Dell, runs renegade fine though, so, honestly it shouldn't matter.

I still don't know what the difference is between the two; say we compair 1 GB SDRAM and a 1 GB DDR, what's the difference?

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Subject: Re: Ram.

Posted by [fl00d3d](#) on Fri, 05 Jan 2007 13:32:55 GMT

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The technologies provide different bus speeds. And often things such as cpu clock and motherboard FSB are overlooked.

For example, my shitty rig has a 1.5Ghz athlon processor running on a 266mhz bus. My memory is 333mhz (pc2700). My motherboard is a 400mhz bus. With all three of these things working together, my system is running at 266 and physically cannot go faster than that because of the weakest link. My CPU is a bottleneck - and a crappy one at that. Soon I plan on upgrading to a 2.2Ghz 333fsb cpu, which will in turn make more use out of my motherboard and RAM.

Going back to the examples given, DDR is definitely better than any SDRAM you'll find megabyte -to- megabyte. I think the last SDRAM I used was pc133, and DDR is pc2100/2700 (right around there). Huge difference in speed. But unfortunately you will be restricted based on the capacity (slots) of your motherboard. So max out with what you have and try to keep your memory in equal pairs if possible.

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Subject: Re: Ram.

Posted by [icedog90](#) on Sat, 06 Jan 2007 00:26:38 GMT

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iSm0k3r0x wrote on Wed, 03 January 2007 11:30 I still don't know what the difference is between the two; say we compair 1 GB SDRAM and a 1 GB DDR, what's the difference?

DDR is way the heck faster than SDRAM. It's easy to understand.

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