

Re: Computer Running very Slow

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- *From:* "Ken Blake, MVP" <kblake@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Wed, 10 Jan 2007 14:24:42 -0700
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Evan Platt wrote:

On Wed, 10 Jan 2007 10:52:00 -0800, Saeed
<Saeed@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote:

Hi Poeples

Hope someone can help. I have a home made pc which has a 2.80 g intel Pentium 4 processor. Hard Drive is 82.34G which has 35.51 Free space also the memory is 256MB and the Bus is 133 Megahertz. I have been told that the memory is what's slowing the pc down if this is true what sort of memory would I require to speed up the pc?

More memory.

Take a look at your amount of free memory. I'd bet there's almost none.

Yes, it's very likely true that there's almost no free memory. But that is *good*, not bad.

In normal operation there is always no free memory or very little. As a general rule, you should not have *any* available RAM. Available RAM is wasted RAM. You paid for all of it and shouldn't want to see any of it wasted. Windows works hard to keep all your RAM working for you all the time, for example using it for cache if your apps don't need it, then taking it back again if your apps need it later.

I'd go to 512 MB or even 1 GB.

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Although 256MB is on the low side of how much provides acceptable performance for many people, this is **not** a one-size-fits-all situation. You get good performance if the amount of RAM you have keeps you from using the page file, and that depends on what apps you run. Most people running a typical range of business applications find that somewhere around 256–384MB works well, others need 512MB. Almost anyone will see poor performance with less than 256MB, but very rarely does having more than 512MB improve performance, except for those people doing things like editing large photographic images, who can often see a performance boost by adding even more than 512MB—sometimes much more.

Simply adding more RAM without finding out whether that's where the problem lies usually results in people's wasting their money. If you are currently using the page file significantly, more memory will decrease or eliminate that usage, and improve your performance. If you are no