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Subject: What fix is there to utilize 3 Gig of Ram in XP Pro?

Posted by [Tom Bruhl](#) on Fri, 04 Apr 2008 22:28:33 GMT

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This is a multi-part message in MIME format.

-----=\_NextPart\_000\_0023\_01C89679.4E654CD0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: quoted-printable

Geeky guys and gals,

I think I read something about this here from either Chris L. or=20

Mike Audet. I couldn't find it using the search. =20

Isn't there a patch of some sort to help a XP Pro/Cubase rig utilize the 3 GB of RAM? It shows up in my comp as is but I wonder if it's being utilized.

Thanks!

Tom

I choose Polesoft Lockspam to fight spam, and you?

<http://www.polesoft.com/refer.html>

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Content-Type: text/html;

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```
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charset=3Diso-8859-1">
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<STYLE></STYLE>
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</HEAD>
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<DIV><FONT face=3DArial size=3D2>Geeky guys and gals,</FONT></DIV>
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<DIV><FONT face=3DArial size=3D2></FONT>&nbsp;</DIV>
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Subject: Re: What fix is there to utilize 3 Gig of Ram in XP Pro?  
Posted by [Chris Ludwig](#) on Fri, 04 Apr 2008 22:29:42 GMT  
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---oops replied to y9ou instead of news group....

Hi Tom,  
It is a setting in your Boot.ini file.  
If you have multiple PCI (especially UAD, TC cards) cards or 2 physical video cards I would not recommend using it.

The #gig switch 3 repositions the hardware/software memory address ranges. Normally it is basically 2gig/2gig but when using the switch it becomes 3gig/1gig. 3 gig being the software part.

IF you do want to try it then do it the safe way and add a second boot.ini entry. don't just add it to the main entry.

It should looks something like this: (DO NOT COPY AND PASTE THIS ONE!!)

```
> [boot loader]
> timeout=30
> default=multi(0)disk(0)rdisk(0)partition(1)\WINDOWS
> [operating systems]
```

> multi(0)disk(0)rdisk(0)partition(1)\WINDOWS="Windows XP" /noexecute=optin /fastdetect  
> multi(0)disk(0)rdisk(0)partition(1)\WINDOWS="Windows XP 3GB" /noexecute=optin /fastdetect  
/3GB /USERVA=2600

Reading material :

<http://support.microsoft.com/default.aspx?scid=kb;en-us;833721>  
<http://support.microsoft.com/default.aspx?scid=kb;en-us;319043>  
<http://support.microsoft.com/kb/316739/EN-US/>

<http://blogs.technet.com/askperf/archive/2007/03/23/memory-management-demystifying-3gb.aspx>

Chris

Tom Bruhl wrote:

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--

Chris Ludwig

ADK Pro Audio  
(859) 635-5762  
[www.adkproaudio.com](http://www.adkproaudio.com)  
[chrisl@adkproaudio.com](mailto:chrisl@adkproaudio.com)

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Subject: Re: What fix is there to utilize 3 Gig of Ram in XP Pro?

Posted by [mike audet\[3\]](#) on Sat, 05 Apr 2008 10:28:16 GMT

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Hi Tom,

My understanding is that that this switch can cause trouble with some drivers and requires that the program be aware of the switch. I'm not sure if there is any way to test whether a program is using the extra GB, apart from loading more than 2GB of stuff and seeing if the swapfile increases.

Hope this helps!

Mike

"Tom Bruhl" <arpeggio@comcast.net> wrote:

>

>

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Subject: Re: What fix is there to utilize 3 Gig of Ram in XP Pro?  
Posted by [Tom Bruhl](#) on Sat, 05 Apr 2008 16:51:57 GMT  
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This is a multi-part message in MIME format.

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Content-Type: text/plain;  
charset="iso-8859-1"  
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Thanks Mike,

How do I check the swapfile size?

Tom

"Mike Audet" <mike@..> wrote in message news:47f75440\$1@linux...

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