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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------=_NextPart_000_0023_01C89679.4E654CD0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

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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

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------=_NextPart_000_0023_01C89679.4E654CD0--

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-m
anagement-demystifying-3gb.aspx

Chris

Tom Bruhl wrote:
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--
Chris Ludwig

ADK Pro Audio
(859) 635-5762
www.adkproaudio.com
chrisl@adkproaudio.com

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

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 that 2GB of stuff and seeing if the swapfile increases.

Hope this helps!

Mike

"Tom Bruhl" <arpegio@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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Thanks Mike,

How do I check the swapfile size?

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

  Hi Tom,

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