

Re: Windows XP x64 and 4GB ram

Source:

<http://www.tech-archive.net/Archive/WinXP/microsoft.public.windowsxp.hardware/2007-09/msg00342.html>

- *From:* Paul <nospam@xxxxxxxxxxx>
 - *Date:* Wed, 19 Sep 2007 14:44:10 -0400
-

HyperIris wrote:

In BIOS:

set "Memory hole Remapping" disable, BIOS report only 2.5G ram,
windows XP x64 report only 2.5G ram, runs well,
windows Xp 32bit report only 2.5G ram, runs well.

set "Memory hole Remapping" enable, BIOS reports 4G ram, Windows xp x64 crashed,
windows xp 32bit runs ok but report only 2.5G ram.

Which BIOS versions have you tried ?

Sometimes, a motherboard maker screws up resource allocation (memory map) in a particular BIOS release. In which case, if they figure out how to fix it, another BIOS may have it corrected.

Paul

"Jim Macklin" wrote:

Are you having the error in Windows XP 32 bit or Windows XP 64 bit?

Windows XP 32 bit can address 4 GB, but only with some tweaking of settings so all the RAM can be used.

Perhaps your W64 install has a problem ?

"HyperIris" <HyperIris@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message <news:357D3FD1-5A64-44A0-A9AB-56AFAB0BAF24@xxxxxxxxxxxxxxxxxxxxxxxx>

Re: Windows XP x64 and 4GB ram

| yes, I use 4 x 1GB DDR2 667 DDR2 ram
|
| so they are pairs, :)
|
| and:
| the BIOS POST screen display 4096 MB,
| memtest86+ test all OK,
| and CPU-z report 4096MB memory installed on window xp(32bit).
|
| but Windowx xp x64 crashed.
|
| BTW:
| I've typed err, it is "Memory Hole Rempping", not "Memory hole Mapping"
|
| "Jim Macklin" wrote:
|
| > The EPoX EP-MF570 SLI motherboard features support for AMD
| > Socket AM2 processors and up to 8GB dual-channel DDR2 800
| > system memory
| >
| > You have to add memory in matched pairs, since it is DUAL
| > CHANNEL
| >
| > Number of Memory Slots 4x240pin
| > Memory Standard DDR2 800
| > Maximum Memory Supported 16GB
| > Dual Channel Supported Yes
| >
| >
| >
| >
| > "HyperIris" <HyperIris@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in
| > message
| >
| > news:BD707468-9CA9-4A98-8FF9-75E56301A773@xxxxxxxxxxxxxxxxxxxx
| > | My computer hardware is:
| > |
| > | AMD x2 3800+
| > | Epox MF570SLI (nvidia 570SLI chipset)
| > | nvidia 7300GT
| > | Adaptec 2100S SCSI160 RAID
| > | SoundBlaster Live
| > |
| > | Ok, when I have 2G ram installed, Windows XP x64 works
| > | very nice for 1 years.
| > | Today, I buy additional 2GB ram and install them to my
| > | computer.
| > |
| > | After that, problem begins:
| > |

Re: Windows XP x64 and 4GB ram

|> | In BIOS:
|> | set "Memory hole Mapping" disable, BIOS and windows XP x64
|> | report only 2.5G
|> | ram, but runs well.
|> |
|> | set "Memory hole Mapping" enable, BIOS reports 4G ram,
|> | Windows xp x64 crashed.
|> | I reformat my RAID and run windows xp x64 setup, when it
|> | copy files from
|> | CDRROM, it report copy fail.
|> |
|> | I have tested ram by using "memtest86+" and all 4G ram no
|> | problem.
|> |
|> | With a search, I found that someone else have this
|> | problem, for example:
|> |
|> | <http://www.planetamd64.com/lofiversion/index.php?t32742.html>
|> |
|> | So, how can I resolve this problem?
|> |
|> | Thanks!
|> |
|> |
|> |