

Re: 200G Hard Drive

Source:

http://www.tech-archive.net/Archive/WinXP/microsoft.public.windowsxp.help_and_support/2006-07/msg01547.htm

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<JoJo> wrote in news:OOLVY2VpGHA.4236@xxxxxxxxxxxxxxxxxxxxxxxx:

Folks:

Recently bought a 200G hard drive and slapped it into an older machine. This older machine can only recognize 36 G of the HD.
* How can I force this older machine to recognize the entire 200 G capacity of the hard drive ?

Someone suggested that I use some sort of controller card.

Is this true & if so explain briefly how the controller card solves the problem?

This sounds like you are hitting the 33.8 GB Limit discussed in:

"History of BIOS and IDE limits"

<<http://tldp.org/HOWTO/Large-Disk-HOWTO-4.html>>

and also

<<http://mirror.href.com/thestarman/asm/mbr/Limits.htm>>

The preferred solution is to upgrade your BIOS. Go to the manufacture's web site of your motherboard and look for a BIOS upgrade. Some older machines cannot upgrade the BIOS.

A controller card could work so long as you are not booting from this drive. A controller card would have its own driver that would work under Windows and circumvent this problem -- however, your machine boots under BIOS so a controller card will probably only help once your system is booted and Windows can take over.

HTH,
John

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