

Re: WinXP won't recognize a SATA drive. Help Please!

Source:

http://www.tech-archive.net/Archive/WinXP/microsoft.public.windowsxp.help_and_support/2004-10/6870.html

From: John Butler (*onclejon_at_uselesnospam.com*)

Date: 10/20/04

Date: Wed, 20 Oct 2004 10:35:06 +0100

JMVQ

Well done. That is an interesting result. You must have hung your drive on the RAID controller. In my system the SATA drives are hung on my ITE IT8211 ATA/ATAPI Controller together with a non-SATA drive. I find that this works just as fast as when I was using the SATA controller and the two drives as a RAID, which I abandoned because of unreliability, the slightest failure and the RAID was lost and difficult to restore from backup. Now I use the first SATA drive for the System and the second as backup, copied with Caspar XP, which can be made to the system drive by inverting the boot order in the bios.

John

"jmvq" <phlogiston@neverspam.com> wrote in message
news:1098250087.ToJCryJFDtcqsQLG72sMvw@teranews...

> *IT'S FIXED :-)*

>

> *I went once again in the Device Manager, and, not seeing anything about
> SATA or SCSI, clicked on the line that says "Raid Controller", which I
> had ignored before as I don't have RAID. Sure enough, *after* it opened,
> it said "SCSI and RAID controller". I installed the Silicon driver from
> there, with a diskette, and it worked!*

>

> *Thank you all for your help!*

>

> *In article <1098243002.LnQAgtkSi9TQm8JA75FV2g@teranews>,
> phlogiston@neverspam.com says...*

>> *In article <eIXeqLftEHA.2984@TK2MSFTNGP10.phx.gbl>,*

>> *onclejon@uselesnospam.com says...*

>>

>>> *drivers. I am using two SATA drives NOT configured as a RAID. I had to*

>>> *DISABLE the Raid controller in the bios and then set the IBM controller*

>>> *with*

>>> *the SATA drives as Disk 0 and Disk 1 and one other non-SATA as Disk 2.*

>>> *: You*

microsoft.public.windowsxp.help_and_support: Re: WinXP won't recognize a SATA drive. Help Please!

>>
>> *In my MOBO (A7N8X-E), a SATA drive does not show in the first page of the*
>> *bios. The bios are set to boot first the floppy, then Disk 0, the system*
>> *drive (IDE).*
>>
>> > *can check this by going to Start\Administrative Tools\Computer*
>> > *Management\Disk Management. If the Sata drive is not present, check in*
>> > *your*
>> > *system drive and open the file "boot.ini which should have a syntax*
>> > *something like the following*
>> >
>> > *[boot loader]*
>> > *timeout=5*
>> > *default=multi(0)disk(0)rdisk(0)partition(1)\WINDOWS*
>> > *[operating systems]*
>> > *multi(0)disk(0)rdisk(0)partition(1)\WINDOWS="Microsoft Windows XP*
>> > *Professional 1" /fastdetect /NoExecute=OptIn*
>> > *multi(0)disk(0)rdisk(0)partition(1)\WINDOWS="Microsoft Windows XP Safe*
>> > *Mode"*
>> > */fastdetect/safeboot:minimal/sos/bootlog*
>> > *C:\CMDCONS\BOOTSECT.DAT="Microsoft Windows Recovery Console" /cmdcons*
>> >
>> *In Disk Management the SATA drive is not present. Both IDE drives (with*
>> *WinXP and Win98) are.*
>>
>> *Boot.ini looks like this:*
>> *.....*
>> *[boot loader]*
>> *timeout=5*
>> *default=multi(0)disk(0)rdisk(0)partition(1)\WINDOWS*
>> *[operating systems]*
>> *multi(0)disk(0)rdisk(0)partition(1)\WINDOWS="Microsoft Windows XP*
>> *professional 1" /fastdetect*
>> *.....*
>>
>> > *If your default is like mine but you are not seeing your SATA drive*
>> > *then*
>> > *either your bios is not set to the first boot disk after the floppy*
>> > *drive or*
>> > *the drive itself is not correctly formatted. Since Windows 98 can "see*
>> > *it"*
>> > *the problem is likely in the formatting. You say the SATA drive is*
>> > *"already*
>> > *partitioned and formatted", but you do not say how you have partitioned*
>> > *it or*
>> > *how you have formatted it. I suggest you format it in NTFS as a single*
>> > *partition and make sure that it is a primary active single partition and*
>> > *that*
>> > *the other drives are not primary and active.*
>>
>> *John, just to check that we are talking about the same system, the IDE*

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