

Re: Adding a SATA hard drive

Source:

<http://www.tech-archive.net/Archive/WinXP/microsoft.public.windowsxp.general/2005-12/msg10321.html>

- *From:* "Philip Andrews" <philipfaeunst@xxxxxxxxxxxxxx>
 - *Date:* Mon, 26 Dec 2005 20:52:24 -0000
-

Hello Anna,

"Anna" <myname@xxxxxxxxxx> wrote in message
news:OEjTejkCGHA.3812@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx

- > Philip:
- > First of all, the 137 GB large-capacity drive limitation isn't your
- > problem, so forget about that MS KB article. It's a virtual certainty your
- > motherboard supports large-capacity disks, i.e., > 137 GB and you're XP OS
- > contains SP1 and/or SP2. Those are the two basic conditions for the system
- > to recognize drives > 137 GB.

It looks as though everything's OK in that direction anyway, thanks – my
ATAPI.SYS file is revision

- > It most certainly sounds like a SATA driver issue; either the driver
- > wasn't initially installed properly or, somehow the wrong drivers were
- > installed. You say "that the disk used to supply the drivers for my
- > motherboard wasn't the correct one for the mainboard...". That is most
- > peculiar. Are you saying the Foxconn installation CD that came with your
- > motherboard was the wrong one, at least with respect to the SATA drivers?
- > How did you learn this?

By inserting the CD in the CD-ROM drive – I get the message "This
Utility CD can't support your mainboard". I got around behind the problem by
using Explorer to allow manual installation and crossing my fingers – but
it's becoming clear that I should have asked for a workable disk at purchase
time (sheer impatience to get going after a 6-week holdup, with the board
sitting on the shelf leering at me – not an excuse, not even much of a
reason).

- > Re your final question. Yes, you're correct that a SATA HD can be used in
- > a non-RAID environment.

Thanks – I was beginning to think that I might have to shell out more
cash on a second 300 GB drive, to go with the existing unit.

Re: Adding a SATA hard drive

> Frankly, this situation re the installation of SATA hard drives is a
> plague brought about by the industry itself. Why a straightforward
> standardized method of installing a SATA HD in a non-RAID environment,
> (similar to the one inherent in installing PATA-IDE drives), wasn't
> developed by the industry is both a mystery and a curse. All one has to do
> is peruse newsgroups like this one to see the plaintive calls for help
> from users who are experiencing difficulty in this area. There should not
> be this level of difficulty and confusion. But we don't seem to have any
> other choice but to live with it, at least for the moment.

It's still a growing industry, with everyone vying for pole position –
so such confusion is understandable. It's still a pain, though :o)

> Philip, you've got to read your motherboard's manual and hopefully find
> clear & detailed instructions in that manual re the installation of SATA
> hard drives. Unfortunately the process, let alone clear instructions,
> seems to differ from motherboard to motherboard as noted above.

That's the main problem here – the manual is good, but it stops short of
a 'recipe' for installing the SATA drive and its drivers, and then
configuring the disk for use. I CAN get various utilities to begin
formatting the drive – but each time I try it the formatting process appears
to reach 100% (indicated), only to return a message which amounts to 'format
was unsuccessful'. It's pretty irritating – like seeing a part on a stores
shelf and being able to point to it, but having to quote a part-number to
the storeman before you can take delivery!

> Anyway, good luck and please keep us informed of your progress and how you
> resolved the problem.
> Anna

Thanks – I'll get there in the end, and then I'll post a recipe for how
I did it – as payback for help received.

Cheers,

Philip

>
>

.

-
- *Follow-Ups:*
 - ◆ **Re: Adding a SATA hard drive**
 - ◇ *From: Anna*

- **References:**

- ◆ **[Adding a SATA hard drive](#)**
 - ◇ From: Philip Andrews
- ◆ **[Re: Adding a SATA hard drive](#)**
 - ◇ From: Mikhail Zhilin
- ◆ **[Re: Adding a SATA hard drive](#)**
 - ◇ From: Philip Andrews
- ◆ **[Re: Adding a SATA hard drive](#)**
 - ◇ From: Gene K
- ◆ **[Re: Adding a SATA hard drive](#)**
 - ◇ From: Philip Andrews
- ◆ **[Re: Adding a SATA hard drive](#)**
 - ◇ From: Anna

- Prev by Date: **[Re: Problem with Outlook Express](#)**
- Next by Date: **[MP3s recognized as system files](#)**
- Previous by thread: **[Re: Adding a SATA hard drive](#)**
- Next by thread: **[Re: Adding a SATA hard drive](#)**
- Index(es):
 - ◆ **[Date](#)**
 - ◆ **[Thread](#)**