

Re: Master or Slave

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- *From:* attilathehun1 <attilathehun1@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Sun, 22 Jun 2008 11:11:00 -0700
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OK, forget the Dell, that's over. I figure I was doing an upgrade to my Dell 8300 and it turns out everything is new except the optical DVD drive and the couple of expansion cards. A new CPU, a new mobo, a new SATA hard drive; a SAMSUNG Spinpoint SP1614C. So, really it's a whole new PC.

I figured this is threading water using my old hard drive and since there is only one IDE connector on this mobo, might as well go with the flow. There are 4 SATA connectors.

Which brings me to my next question about the hardware.

There are 3 yellow SATA110/1/2/3/4/5 connectors and 1 purple GSATA110/1 connector. Which one do I want to use for this new SAMSUNG Spinpoint?

Another thing, now don't get upset or laugh, this is new to me, is the jumper. There isn't a jumper provided. There are the jumper prongs, but no jumper came with the device or it's been so long that this hard drive has been sitting in my closet, boxed up, that I don't remember if a jumper came with it.

I read your reply about configuring the hard drive. I've read somewhat about BIOS and the SATA and it said something about disabling if you don't want RAID. Or is that an option?

I just want to get this PC up and running ASAP. I can go back later and configure RAID later, can't I?

Ok, lets try and get a response here, and I'll send another reply to a PC tech and hope he responds soon.

I have to get out to Orange County, Fountain Valley soon, and won't be back until late tonight. I need this PC up and running by the time the stock market opens tomorrow morning.

Any help would be greatly appreciated

Thanks, attilathehun1

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attilathehun1

"Bob Harris" wrote:

You will probably need to perform a "repair" installation of XP, due to hardware changes, and especially to use the F6 option of the XP installer to feed new SATA drivers to XP. Otherwise, XP will probably not even see this

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hard drive. These drivers must be on a floppy, not on a CD. The drivers come from the motherboard maker, not the hard drive maker.

In general the copy of XP CD (if any) that came with the Dell will probably not support a repair install. Further, it probably will not support a clean install, except on that same model of Dell. This is one of the "features" of OEM-type PCs with XP (and Vista). The operating system is not transferrable the way it might have been under win98.

Thus, you will probably need to purchase a new "retail" XP CD to have any hope of swapping the hard drive into new hardware.

If you purchase only an OEM CD, then you will be able to do a clean install (i.e., format first, lose all data, then install XP).

Note that even with an retail CD the repair installation may fail, and then you will be left with no option except a clean install.

Thus, BACKUP all personal data off of the hard drive BEFORE attempting any of this. Ditto for any programs you purchased via download; save their installer and any email with license key, unlock code, etc.

Then, read the motherboard manual, twice, or more. Pay particular attention to any words about a "raid" controller for SATA. In some cases such a controller will be smart enough to know that a single internal hard drive should be treated as just a plain disk. In other cases you may need to "build" a "raid array" containing just one disk. In the latter case, look for some combination of keys (e.g., CTRL-F) to enter the controller setup. This usually appears towards the end of the BIOS checks. Note also that the controller setup may be separate from the BIOS setup. It is on my ASUS motherboard.

As for testing whether the motherboard can "see" the hard drive, first watch the BIOS checks. Second, try booting from a diagnostic CD from the hard drive maker. For Seagate, try their SeaTools CD (image you burn to CD, which is bootable). It can "see" and test hard drives, no matter what their format, or even if no format, if they are connected properly and recognized by the BIOS. (If they are not, then XP won't work either.) Caution: Avoid any testing option that sounds like "low level format" or even just plain format.

<http://www.seagate.com/www/en-us/support/downloads/seatools>

"attilatrehun1" <attilatrehun1@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message news:56D2A33E-9AE8-404A-8DD6-ED86E81CEA8F@xxxxxxxxxxxxxxxxxxxx

It turns out I only have one IDE connector on this motherboard and a bunch of sata connectors. Right now I want to get this PC up and running so I'm gonig

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to use the old hard drive that I was using on my Dell 8300. This drive is
a

Seagate Baracuda 7200.7 80 GB hard drive.

Hell with trying to push it. I'm using 2 optical drives. One as the master
and the other as a slave. The master will be the burner and the slave to
play
games.

The hard drive is going to be a sata. I've never used one before. I better
follow the motherboard manual and learn it now.

Any help would be greatly appreciated.

Thanks, attilathehun1

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attilathehun1