

Re: New HDD Installation

Source:

<http://www.tech-archive.net/Archive/WinXP/microsoft.public.windowsxp.general/2006-12/msg10873.html>

- *From:* "Anna" <myname@xxxxxxxxx>
 - *Date:* Fri, 29 Dec 2006 09:03:06 -0500
-

"JohnH"

<JohnH@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>

wrote in message

news:50BF24E1-58E0-455B-8496-9DDC82D2089B@xxxxxxxxxxxxxxxxxxxx

I bought a Western Digital 160GB Caviar SE EIDE Drive. My motherboard is older so I was instructed to add a Maxtor SATO/150 PCI Card so the full capacity of the HDD would be detected.

I connected it and copied

the

old drive over to it. After completion I was instructed to disconnect

the

old and put the new in it's place. Upon

restart it ask for a boot

disk

to

be installed. When I bought the system it had Windows ME on it and I

do

not have a software disk but I was given a restore disk. I later

upgraded

to Windows XP w/ SP2. Can I use the

restore disk or the Windows XP

upgrade disk as the boot disc. The support

from Western Digital

states

that it may

need to be done and some not, so I am

confused as to how to make this

as

quick and painless as posible. I also would

like to know if disabling

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the the
primary IDE off the motherboard in the
CMOS would help too.

"Ron Sommer" wrote:

The new disk needs a boot sector.
If you just copied the partition, you didn't
get the boot sector.

You can run fixmbr and fixboot.

--
Ronald Sommer

"JohnH"

<JohnH@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>

wrote in message

news:F3F46E78-948E-48A0-9DFB-DA6D37C8AEA6@xxxxxxxxxxxxxxxxxxxx

I used the HDD Installation Tool software to
copy the partition from
the
old drive to the new, I guess that would be a
clone. The transfer
seemed
uneventful and removal of the old drive was
done. It seems to be
asking
for a boot disk upon reboot once the old
drive is removed. Can the
Windows ME
restore disk be used? Can the Windows XP
w/SP2 upgrade be used?
Anymore
advice would be greatly appreciated.

"Rich Barry" wrote:

John, you may have a setting in the Bios for
that Maxtor Card. In
there will give you the ability to select the
boot disk.
How did you copy the old drive to the new?
Did you image it or clone

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it?

"JohnH" <JohnH@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message
news:C70B85D8-8350-442A-A606-BA4501408D09@xxxxxxxxxxxxxxxxxxxx

How is this done? Once it is connected it requests a boot disk
at
start-up.
Thanks for any help you can provide.

"Anna" wrote:

JohnH:
Maybe it's a good idea to start from the beginning, OK?

1. Your old HDD booted without incident and functioned without any problems when it was installed, right? Its only problem was its small disk capacity, right?
2. Now you've purchased a large-capacity WD SATA HDD and a SATA controller card for connecting that SATA HDD, yes? And you've installed the SATA controller card with no problems, right?
3. Setting aside the disk copying program (Maxtor? WD?) you used to copy the contents of your old PATA HDD to the new SATA HDD... How about making a fresh install of the XP OS onto your SATA HDD? Will it boot & function without any problems if you do this?

Would it be possible for you to do this and then install your programs on the freshly-installed XP OS? I assume you would have no problem copying over your user-created data from the old HDD to the new SATA HDD, right? Or is it too impractical to fresh install all your programs onto your new SATA HDD?
Anna

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"JohnH" <JohnH@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message
news:625786AC-56BC-409E-8797-1C24BDC50596@xxxxxxxxxxxxxxxxxxxx

If I understand you correctly you want me to try and do a fresh install of the Windows XP w/SP2. It would take awhile but I am willing to start fresh if it gets the new HDD in and the small out. I just have a few questions before doing this.

1. The Windows XP was an upgrade from the Windows Me that was installed in the system and all I got was a restore disk. Do I need the Windows Me disk?
2. Can just booting the the XP upgrade work without an OS in place?
3. Do you know if it is recommended to disable the motherboard IDE or just leave on auto?

JohnH:

First of all I assume you've seen my exchange with Ron Sommer in this thread. Just to verify...

The WD 160 GB is a PATA HDD – not a SATA HDD, right?
And you've properly connected & configured that disk to your Maxtor controller card, right?
That HDD is detected by your motherboard's BIOS, right?

I honestly don't know if your XP "restore" CD will allow you to undertake a fresh install of the XP OS. If it does have that capability, it's a virtual certainty that you will need the Win Me installation CD to undertake the install process. Anyway, it's worth a try. If it fails, so be it. Make sure you disconnect your old HDD before undertaking a fresh install of the OS.

As to your question whether "to disable the motherboard IDE or just leave on auto", I assume you're referring to the BIOS element re HDD recognition. In virtually every case the "auto" designation is appropriate. But as I asked above, your BIOS *does* recognize the WD 160 GB HDD, right?

Did you try invoking the Recovery Console commands suggested by Ron? I assumed you had but it was still no go. If you haven't done so by now, do so, and see what happens. I really don't think that will solve your present problem but again, there's no harm in trying. And if it did work that would simplify matters considerably, wouldn't it?

Anyway, if none of the above works I suppose your only recourse will be to use the Maxtor or WD disk copying program again and give it another try.
Anna

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