

Re: SATA drive setup help please.

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*Source:*

<http://www.tech-archive.net/Archive/WinXP/microsoft.public.windowsxp.basics/2006-02/msg00591.html>

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- *From:* "Phillips" <[afn18721@xxxxxxx](mailto:afn18721@xxxxxxx)>
  - *Date:* Thu, 9 Feb 2006 11:20:57 -0500
- 

You should see them as Disk0, Disk 1, Disk2, etc.

Go here to see if you can find any solution:

<http://support.microsoft.com/?kbid=309000>

Check also the references at the bottom of the webpage.

Anyway, since SATA is faster, I would move/install XP on it – the SATA drive – on a OS dedicated 20GB C: partition.

Michael

"John" <[ModelMan@xxxxxxxxxxx](mailto:ModelMan@xxxxxxxxxxx)> wrote in message  
[news:-PCdnW9onOyg73feRVn-sw@xxxxxxxxxxxxxxxx](mailto:news:-PCdnW9onOyg73feRVn-sw@xxxxxxxxxxxxxxxx)

Phillips wrote:

Thought it's onboard Promise.... Reading again, I take it that you cannot use both the Promise and Intel SATA at the same time. There is a conflict between the two HDDs that might be caused by your hardware setup. Check that only one (the XP drive) is Master while the other one is

Slave – you might need to check jumper settings on the HDDs. Then, with both Intel and Promise installed, check in BIOS that both are detected and in BIOS Boot Order that the XP drive is the active boot drive. Michael

The on Master drive is my System drive. The SATA is drive F: and the IDE Promise card disk is drive E: set at cable select. I tried moving the SATA to the other SATA connector and the IDE cable to another port on the Promise cards but anyway I have it there is still a conflict. I see nothing in BIOS to indicate there is something set wrong. In Computer Manager/Disk Management they both appear as Disk 1 while the System drive is Disk 0. I wonder if I can get the SATA to become Disk 2 somehow.

John

Re: SATA drive setup help please.

"John" <ModelMan@xxxxxxxxxx> wrote in message  
[news:auOdneCkKuWqI3TeRVn-gA@xxxxxxxxxxxxxxxx](mailto:news:auOdneCkKuWqI3TeRVn-gA@xxxxxxxxxxxxxxxx)

Phillips wrote:

You have to install Promise drivers for your specific Promise controller (probably 378); problem is that Promise does not offer drivers for Promise controllers installed on motherboards – the mobo manufacturer is supposed to do it on the mobo install CD; however, if you don't find the drivers on CD, you can use some 'generic' Promise drivers – google for "WinXP Promise SATA378(tm) IDE Controller." Download and install via Hardware Wizard or Disk Manager – same as for Intel SATA. Also, these Promise drivers can be loaded from a floppy (or on a custom XP Install CD) at F6 XP setup. After you install the Promise drivers, go in BIOS and enable Promise IDE (or such); the 378 controller can Raid both SATA and UATA (IDE) HDDs, so the name of the option might not be "Promise SATA." Check your mobo manual for (might be on mobo website) details. You might have to update (flash) mobo BIOS as well. Reboot and you should see, after the normal mobo boot, a Promise boot screen "searching for IDE harddrive..." or such. It will load XP after a few secs. For better disk mgt., I recommend a fresh XP install (have the Intel and Promise drivers available on a floppy or create a custom XP install CD) after adding the new HDDs. You must have the XP qualifying Win OS and you will have to reactivate XP – but that should not be a problem. Michael

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Perhaps you misunderstood. I already have the Promise card working with the drivers on the Maxtor disk that came with the card. Do you mean I need a different driver now that the SATA drive is installed? I updated the MoBo when I installed it a few months ago if this means anything.

"John" <ModelMan@xxxxxxxxxxx> wrote in message [news:fuGdnOPf1O2wSXreRVn-rg@xxxxxxxxxxxxxxxx](mailto:news:fuGdnOPf1O2wSXreRVn-rg@xxxxxxxxxxxxxxxx)

Phillips wrote:

1. Go to Intel website and download the latest drivers for your chipset; there's a Chipset Info utility on same site that you can use to identify Intel hardware. Be sure to download the XP versions.
  - 1.a You might have an older SATA (1.0) controller while your HDD is NCQ; hence, your NCQ HDD

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might go  
"off-line"  
and needs a  
few  
secs to  
wake up –  
while XP  
freezes.  
2. Check  
that the  
SATA cable  
is correctly  
connected  
in the  
SATA  
Port 0 (you  
should have  
2 or 4  
SATA  
onboard  
ports); try  
another  
SATA cable  
also and  
make sure  
the SATA  
cable is not  
touched by  
other cables  
that might  
press it  
when you  
install the  
case  
door/lid.  
Better test  
the machine  
w/out the  
PC case  
cover and  
gently  
check the  
connections  
at both ends  
while in  
XP. 3. Go  
BIOS...  
check  
"Configure  
SATA as  
Raid" set to

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NO.

4. In BIOS  
check that  
the Boot  
Drive is set  
to your XP  
drive – at  
boot time,  
F8 (or other  
key) might  
give you the  
option to  
pick a  
boot device.

5. HDD  
manufacturer's  
website  
should have  
downloadable  
utilities for  
testing the  
correct  
installation  
of the HDD.  
Michael

Thanks greatly. I have  
RAID/SATA running fine  
now. The drive is  
faster than any of the others  
I have. There is however a  
conflict  
with my drives on the  
Promise card. I had to  
remove the disk that  
was in the drawer to allow  
the SATA drive and the OS  
to boot. It  
now seems I can use only  
one or the other. I have well  
over a dozen  
drives in drawers all on  
cable select so I guess if one  
doesn't  
work they all won't. Do you  
have any ideas? I have not  
tried a  
different plug in the Promise  
card which I will do now as  
an other

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last resort. John

"John"

<ModelMan@xxxxxxxxxx>

wrote in

message

[news:FtCdnamKrJ3wGnveRVn-jO@xxxxxxxxxxxxxxxx](mailto:news:FtCdnamKrJ3wGnveRVn-jO@xxxxxxxxxxxxxxxx)

Phillips

wrote:

You  
should  
have  
a  
whatever.inf  
file  
on  
the  
floppy  
-  
don't  
bother  
finding  
setup.exe.  
You  
can  
right  
click  
the  
.inf  
file  
and  
click  
Install  
in  
the  
commands  
drop  
down  
menu;  
if  
you  
want  
to

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see  
what's  
in  
the  
.inf  
file,  
click  
the  
Edit  
command  
in  
same  
menu  
list.  
Also,  
you  
can  
install  
the  
.inf  
via  
Hardware  
Wizard.  
Otherwise,  
if  
you  
did  
not  
install  
HDD  
yet:  
Install  
the  
hard-drive  
(HDD),  
boot  
and  
open  
BIOS.  
You  
should  
find  
the  
new  
SATA  
HDD  
installed  
–  
but  
might  
be

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presented  
as  
an  
IDE  
HDD  
–  
pending  
your  
mobo  
and  
BIOS.  
Navigate  
BIOS  
and  
check  
if  
there  
is  
a  
SATA  
(controller)  
enable  
option  
–  
theree  
might  
be  
none  
but  
the  
SATA  
Raid  
option  
which  
you  
don't  
need.  
If  
you  
have  
to  
install  
the  
controller,  
you  
might  
need  
to  
reboot.  
Pending  
your

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mobo  
setup,  
you  
might  
need  
to  
install  
HDD  
drivers  
in  
Windows  
first...  
but  
very  
unlikely.  
After  
HDD  
is  
'seen'  
in  
BIOS'  
start  
XP.  
The  
Hardware  
Wizard  
might  
discover  
the  
new  
HDD  
–  
unlikely,  
though,  
since  
the  
HDD  
is  
not  
formatted  
for  
XP;  
if  
the  
Wizard  
finds  
it,  
just  
feed  
it  
the

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drivers  
from  
the  
floppy  
-  
find  
the  
.inf  
file.  
If  
Hardware  
Wizard  
does  
not  
start,  
go  
Control  
Panel/  
Administrative  
Tools/Computer  
Management/Disk  
Management  
and  
you  
should  
see  
your  
SATA  
HDD  
there.  
Right  
click  
and  
check  
Properties  
or  
Format  
options.  
Use  
the  
same  
format  
as  
for  
the  
other  
HDD(s)  
you  
have  
installed;  
NTSF

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is  
recommended  
at  
least  
for  
safety  
reasons.  
Michael

I  
Enabled  
Intel  
RAID  
and  
SATA  
in  
BIOS  
but  
when  
booting  
with  
SATA  
drive  
connected  
will  
prevent  
OS  
from  
loading.  
If  
I  
disconnect  
drive  
widows  
loads  
fine.  
I  
loaded  
.inf  
file  
but  
this  
might  
have  
to  
be  
removed  
and  
installed  
again.

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Then  
again  
I  
am  
just  
guessing  
at  
this  
point.

"John"  
<ModelMan@xxxxxxxxxxx>  
wrote  
in  
message  
[news:UY6dnR2VlsD-tHveRVn-pA@xxxxxxxxxxx](mailto:UY6dnR2VlsD-tHveRVn-pA@xxxxxxxxxxx)

I  
have  
floppy  
with  
MoBo  
RAID  
drivers  
and  
need  
to  
know  
how  
to  
install.  
I  
have  
Googled  
to  
no  
end  
about  
the  
process.  
I  
see  
no  
setup  
files  
on  
floppy  
that  
I  
can

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run.  
I  
try  
booting  
with  
XP  
CD  
but  
system  
refuses  
to  
work.  
Anyone  
have  
any  
tips?

Thanks  
MM