

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>

- *From:* "Phillips" <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> wrote in message
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

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

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

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