

Re: PATA drives disappear during installation

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- *From:* ajp <ajp@xxxxxxxxxxxxxx>
 - *Date:* Fri, 17 Aug 2007 15:57:52 +0100
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ajp wrote:

David Bolt wrote:

On Fri, 17 Aug 2007, ajp wrote:–

I'm stuck and don't know what to try next and until I can get past this problem I'm without a home server.

I'm building a new home server based on an Asus P4B with a PATA HDD and DVD–RW and 4 x SATA HDDs. The build seems Ok and boots fine but when I try to install OpenSUSE 10.2 the PATA HDD and DVD disappear :(

It sounds line it's loading the wrong kernel module for the IDE controller, or it's not loading one at all.

<Snip>

I do have a machine on the LAN running with an image available via nfs so I can continue the install over nfs but when I go into Custom Partitioning there's sda, sdb, sdc, sdd but no sign of hdX.

Definitely sounds like a wrong, or no, IDE controller kernel module is loaded.

If I boot from a System Rescue CD and get gparted up all the drives are

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there so it's not (generic) Linux.

Probably because that's loading the ide-generic module rather than trying to find an exact match for the IDE controller.

What can I do to get OpenSUSE to see both the PATA and SATA drives during install?

When you get to the boot-menu on the DVD, highlight "Installation" but, before you press return, type the following:

```
insmod=ide-generic
```

That will force the kernel to use a generic IDE controller kernel module and it should see the IDE devices.

Regards,
David Bolt

Thanks,

My bad – it's actually an Asus P5B M/B and the system also has an Adaptec 2940UW controlling a 36Gb SCSI HDD and external DLT.

Ok I managed to get somewhere by just running the Installation and then loading kernel modules 'generic' and 'pata_jmicron' giving ...

/dev/sda – /dev/sdd SATA HDDs

/dev/sde SCSI HDD

/dev/sdf PATA HDD

/dev/sr0 DVD

Now I just get GRUB errors on the installation reboot (Error 15 IIRC – I'm working on it)

In the list of modules 'generic' and 'pata_jmicron' are mentioned and marked with '+', after loading this changes to '*' – I'm sure there's some documentation on this somewhere if only I could find it.

Alan

I've installed a minimal Text system on the PATA drive and set it up as the secondary boot (after the DVD) and I'm getting

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GRUB Loading stage1.5
GRUB Loading, Please wait ...
Error 17

This build was supposed to be fairly straight-forward but I've now been at it most of the day and I'm slowly going crazy.

Alan

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email =~ s/nospam/fudokai/

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