

## Re: Problem with ide=nodma

**Source:** <http://linux.derkeiler.com/Mailing-Lists/Kernel/2004-10/2518.html>

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**From:** Ken Moffat ([ken\\_at\\_kenmoffat.uklinux.net](mailto:ken_at_kenmoffat.uklinux.net))

**Date:** 10/09/04

Date: Sat, 9 Oct 2004 13:17:24 +0100 (BST)  
To: Bartlomiej Zolnierkiewicz <[bzolnier@gmail.com](mailto:bzolnier@gmail.com)>

On Sat, 9 Oct 2004, Bartlomiej Zolnierkiewicz wrote:

```
> > > Is it possible that you are reading it wrong?
> >
> > I don't think so, and the box is a lot more responsive. dmesg shows
> >
> > ide_setup: ide=nodmaIDE: Prevented DMA
>
> This is misleading as drivers are free to override this setting.
>
```

Bart, thanks for putting me straight. Indeed, `siimage.c` doesn't have 'if (!autodma)' to wrap 'hwif->autodma = 1;' like some of the others (e.g. `hpt366`). Easy enough for me to add it, but for reasons I'm too dumb to understand that turns off dma even without `ide=nodma` in the bootargs, and it then does a series of time out / resets if I try to enable dma with `hdparm :-`

Obviously, the sensible thing for me to do is to not touch `siimage.c` and to turn dma off with `hdparm` until I'm ready to do extended dma tests. It's not as if any sane platforms really want to add extra ide controllers and then cripple them.

Thanks anyway.

Ken

```
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  das eine Mal als Tragödie, das andere Mal als Farce
-
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