

Re: reduce interrupt rate for CD/DVD drive(r)

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Source: <http://unix.derkeiler.com/Mailing-Lists/FreeBSD/performance/2006-09/msg00002.html>

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 - *Date:* Mon, 28 Aug 2006 19:56:22 +1000
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On Sun, 2006-Aug-27 16:37:29 -0700, Jin Guojun [VFFS] wrote:

I have difficulty to get CD/DVD write speed above 1.6MB/s (10x for CD, or 1.1x for DVD).
The problem seems to be the interrupt rate is high (70-80% of CPU) for CD/DVD drive(r).

Your drive is probably in PIO4 mode (due to there being bugs in the UDMA implementation on many drives). Check `hw.ata.atapi_dma` and "`atacontrol mode acd0`". You may find you can change to WDMA2 mode which will significantly reduce the interrupt and CPU load. You will need to do some experimenting with your drives to see what works for you.

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Peter Jeremy

Attachment: [pgpuLNX3PhZHw.pgp](#)

Description: PGP signature