

## Re: DMA timeout error

**Source:** <http://linux.derkeiler.com/Mailing-Lists/Kernel/2004-10/0460.html>

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**From:** Adam Sherman ([adam\\_at\\_sherman.ca](mailto:adam_at_sherman.ca))

**Date:** 10/02/04

To: [linux-kernel@vger.kernel.org](mailto:linux-kernel@vger.kernel.org)

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Bartlomiej Zolnierkiewicz wrote:

>>I have a VIA M6000 board with an ATA CompactFlash adaptor containing a  
>>512MB SanDisk card.

>>

>>I get the following error during boot:

>>

>>hdb: dma\_timer\_expiry: dma status == 0x41

>>hdb: DMA timeout error

>>hdb: dma timeout error: status=0x58 { DriveReady SeekComplete DataRequest }

>

>

> If this is a new CF capable of DMA but CF-to-IDE adapter doesn't support  
> DMA (most don't) then "ide=nodma" kernel command line parameter should  
> do the job. It might be also bug in via82cxxx host driver.

>

> Maybe DMA should be off by default for CF but it requires fixing almost  
> every IDE host driver and why punish good hardware.

This makes quite a bit of sense seeing as it's a SanDisk "Ultra II" card.

beber@setibzh.com writes:

> add *pci=noapic* to your boot option

Since the hardware is not reachable from here, I can not test it until Monday. I'll note my results though.

Thanks,

A.

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