

New model of SanDisk compact flash not working

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To: <linux-kernel@vger.kernel.org>

All,

I am running a SanDisk Compact Flash disk under linux 2.4.21. The compact flash SDCFB-256-101-80 works 100%. The problem is this model has been discontinued and replaced with an SDCFB-256-201-80. This has a new internal controller it would seem. During kernel boot it will attempt to detect the partitions on the drive, and hang at this point. The new controller seems to support DMA, while the old one didn't. If I disable DMA (`ide=nodma`), then the kernel will not hang, and will boot up correctly. However, the drives are unusable. You cannot read/write from them. Even an `fdisk` fails, it displays the partition table but when you press 'q' to quit it hangs, and then begins sending kernel debug "hdc lost interrupt".

I also get the following boot messages, which were not present on the old model:

```
hdc: task_no_data_intr: status=0x51 { DriveReady SeekComplete Error }
hdc: task_no_data_intr: error=0x04 { DriveStatusError }
```

I am running a stock standard 2.4.21.

Any ideas?

Regards

Garth Marran

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