

Re: 200gb showing as 120gb

Source: <http://linux.derkeiler.com/Newsgroups/alt.os.linux/2005-02/0845.html>

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"Galdrian" <klinton@start.no> wrote in message
news:5o6jv0h6ai9jlgil2jim8gcbskqi7629e8@4ax.com...
> I have a fresh install of Debian 3.0 running the 2.4 kernel.
>
> I have bought a WD 200gb IDE 8mb cache / 7200rpm.
> My mobo is an Asrock K7S41 micro ATX.
>
> hda is my 20gb WD (system disk)
> whilst hdb is the 200gb WD
>
> They hdb drive does show up as 200gb in the bios.
>
> But when running cfdisk the drive only shows up as 137436.21mb
>
> Any ideas how to get it to show 200gb?
>
> Note:
>
> There is no LBA jumper setting on the HDD, and it is currently on
> cable select. (have tried both slave and master aswell)

That does sound a problem with lack of lba support or lba not turned on, say, in bios. Despite the drive being recognized, have you made that setting in bios? Perhaps a complete manual setup for the drive? It might also be possible to pass some kind of boot parameter in Grub or Lilo to gain os/level lba support (rtfm for specifics,) assuming it's not a hardware limitation.

Did you ever get the drive up and working in Linux? How, if so? I have had difficulty with WD's and Seagates, where Maxtors of >= size worked, with the same cables, chipsets, simliar settings, etc. The cure I found was to install the drive on a native ATA 133 controller, instead of the ATA100 raid controller, which didn't support drive > 120GB. (no driver update forthcoming from HTP, either...may be a hardware constraint?)

Good luck,

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