

Re: 40GB Maxtor III in usb doesn't work on FC6, any kernel

Source: <http://linux.derkeiler.com/Mailing-Lists/Fedora/2007-07/msg01117.html>

- *From:* Gene Heskett <gene.heskett@xxxxxxxxxxx>
 - *Date:* Fri, 06 Jul 2007 18:28:01 -0400
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On Friday 06 July 2007, dsavage@xxxxxxxxxxx wrote:

Greetings;

I have a 40GB Maxtor III in one of those usb enclosures with a dual usb pigtail cable. Plugged into my F7 HP dv5120us lappy, it lights up powers up and works albeit I think considerably slower than a usb2.0 interface should.

This is a usb bus powered device and did not come with a power supply although there is a socket for one on the rear of the shirt pocket sized enclosure.

Plugged into this FC6 box, a Biostar m7vib with 1 update from the original bios, this box will not post until its unplugged, at which point it posts normally.

Plugged in later, the drive is recognized according to the logs, but is then reset quite a few times and finally offlined, and while its power led lights at normal brightness, it never spins up so is unusable.

The F7 lappy uses libata. How do I switch this FC6 install to libata usage, and how would I go about switching the kernel build to make it since my kernel.org kernels are not even making it?

I do note that libata.ko does exist in the /lib/modules path for the 3 fedora kernels installed, but booting to one of those kernels does not enable the use of this device. I'm thinking its a bios problem. Can anyone confirm?

Gene,

This sounds like a hardware problem rather than software. Your FC6 box probably isn't capable of sourcing enough power through its USB port to

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spin up and run your Maxtor. I'll bet you need a dedicated +5VDC power supply for that external enclosure so it doesn't have to depend on the laptop for power. They're not terribly expensive. You'll have to find one with the right size plug to match your enclosure, and one that can provide enough current to do the job. I'd guess somewhere between 1-1.5A.

--Doc Savage
Fairview Heights, IL

Thanks Doc, that seems to be the general recommendation. Now to find a suitable wall wart and test it.

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Cheers, Gene

"There are four boxes to be used in defense of liberty:
soap, ballot, jury, and ammo. Please use in that order."

-Ed Howdershelt (Author)

Indifference will certainly be the downfall of mankind, but who cares?

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