

## Re: I can't mount my USB thumb drive or ipod -- no /dev/da\*

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*Source:* <http://unix.derkeiler.com/Mailing-Lists/FreeBSD/questions/2006-02/msg01039.html>

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- *From:* Duane Whitty <[duane@xxxxxxxxxxxxxxxx](mailto:duane@xxxxxxxxxxxxxxxx)>
  - *Date:* Sat, 11 Feb 2006 08:24:34 -0400
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Erin Sharmahd wrote:

I'm a bit of a newbie, but I've done a good bit of research, and some asking around on this issue, and haven't been able to resolve it yet. I'm using FreeBSD 6.0 RELEASE with the GENERIC kernel. (from what i can tell, it has all of the necessary pieces to allow usb drives).

When I plug my ipod into my computer, dmesg gets the following addition:  
umass0: Apple iPod mini, rev 2.00/0.01, addr 2

However, that's all that appears there relative to it. From google, I found that plugging in an ipod or a usb thumb drive should add a /dev/da0 (or similar) entry to /dev, which you should mount. I still don't have a /dev/da\*, and I actually checked, and nothing is getting added to /dev when I plug the ipod in.

I thought that perhaps this was a problem related to support for the ipod, but I have the exact same problem whenever I try to mount a usb thumb drive. Nothing new appears in /dev, and dmesg simply gives one line explaining that umass0 sees the item. A TA's thumb drive had the same problem.

The ipod is FAT32, and has been used in linux many times. The thumb drive is currently ext3, but I'd like to reformat it to FAT32 once I can get FreeBSD to recognize it.

Here's the info I can find about the ipod:  
from dmesg:  
umass0: Apple iPod mini, rev 2.00/0.01, addr 2  
from usbdevs -d:  
addr 1: EHCI root hub, Intel  
uhub4  
addr 2: iPod mini, Apple  
umass0

And the info from my usb thumb drive:  
from dmesg:  
umass0: PNY Attache 2.0, rev 2.00/2.00, addr 2

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from usbdevs -d:
addr 1: EHCI root hub, Intel
uhub4
addr 2: Attache 2.0, PNY
umass0
```

Lines that I think are important from the kernel config:

```
# USB support
device uhci # UHCI PCI->USB interface
device ohci # OHCI PCI->USB interface
device ehci # EHCI PCI->USB interface (USB 2.0)
device usb # USB Bus (required)
#device udbp # USB Double Bulk Pipe devices
device ugen # Generic
device uhid # "Human Interface Devices"
device umass # Disks/Mass storage - Requires scbus and da

# SCSI peripherals
device scbus # SCSI bus (required for SCSI)
device ch # SCSI media changers
device da # Direct Access (disks)
```

If there's any further information that would help, please let me know. These are the things I've found mentioned on google...

Thanks,  
~Erin

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<http://www.tuxgirl.com>

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Hi,

I believe you need this entry in you kernel config file

```
device pass
```

Then you need to rebuild and install your kernel with this new option. See the FreeBSD Handbook for details on how to do that. Here is the URI.

[http://www.freebsd.org/doc/en\\_US.ISO8859-1/books/handbook/kernelconfig.html](http://www.freebsd.org/doc/en_US.ISO8859-1/books/handbook/kernelconfig.html)

Hope this helps,

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--Duane

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