

## Ecrix VXA-1 tape drive and FreeBSD 4.5

**Source:** <http://unix.derkeiler.com/Mailing-Lists/FreeBSD/questions/2003-05/1721.html>

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To: "FreeBSD-questions" <[freebsd-questions@freebsd.org](mailto:freebsd-questions@freebsd.org)>

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Hi

I've never yet managed to get a solution to the following problem, but thought I'd try one last time before ditching the Ecrix tape we bought last year...

We run FreeBSD 4.5 RELENG on our fileserver (sjserver) and I have installed an Ecrix VXA-1 tape drive (IDE) on the secondary on-board IDE controller. The system has an additional E-IDE controller. The following message snip appears in /var/log/messages:

```
Nov 25 20:53:01 sjserver /kernel: ad0: 19623MB <IC35L020AVER07-0>
[39870/16/63] at ata0-master UDMA33
Nov 25 20:53:01 sjserver /kernel: ad4: 39266MB <IC35L040AVVN07-0>
[79780/16/63] at ata2-master UDMA100
Nov 25 20:53:01 sjserver /kernel: ad6: 39266MB <IC35L040AVVN07-0>
[79780/16/63] at ata3-master UDMA100
Nov 25 20:53:01 sjserver /kernel: (null): MODE_SENSE - UNIT ATTENTION asc=29
ascq=00 error=04
Nov 25 20:53:01 sjserver /kernel: (null): MODE_SENSE - ILLEGAL REQUEST
asc=24 ascq=00 sks=40 00 02 error=04
Nov 25 20:53:01 sjserver last message repeated 3 times
Nov 25 20:53:01 sjserver /kernel: ata1-master: <ECRIX VXA-1a/V22B7B> tape
device - NO DRIVER!
Nov 25 20:53:01 sjserver /kernel: acd0: CDROM <CRD-8320B> at ata1-slave
using PIO4
N
```

The kernel has been compiled with a config file that has what I believe to be the appropriate drivers:

```
# ATA and ATAPI devices
device ata
device atadisk # ATA disk drives
device atapid # ATAPI CDROM drives
device atapist # ATAPI tape drives
options ATA_STATIC_ID # Static device numbering
```

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Q1: With reference to the line above that end "NO DRIVER!" – what exactly does this signify? I wasn't aware that a particular driver was required for an IDE drive.

Q2: Has any one used this IDE device successfully and could forward their solution?

Q3: What dev number would be required/used for this device (ad2, ata1-master)

Q4: Is it the combination of Tape-drive and CD-ROM on the same controller likely to be the cause difficulty?

As always – any assistance would be very welcome!

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