

maxtor onetouch usb 200gb msdosfs

Source: <http://unix.derkeiler.com/Mailing-Lists/FreeBSD/stable/2003-10/0658.html>

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To: freebsd-stable@freebsd.org

hi,

i tried to mount a msdos filesystem (preformatted) on a maxtor onetouch 200gb usb harddisk.

but

```
mount -r -t msdos /dev/da1s1 /mnt
```

gives the following error:

```
mountmsdosfs(): disk too big, sorry
```

the disk is detected fine:

```
umass0: Maxtor OneTouch, rev 2.00/2.00, addr 2
umass0: Get Max Lun not supported (STALLED)
da1 at umass-sim0 bus 0 target 0 lun 0
da1: <Maxtor OneTouch 0200> Fixed Direct Access SCSI-0 device
da1: 650KB/s transfers
da1: 194480MB (398295040 512 byte sectors: 64H 32S/T 63408C)
```

i am running

```
FreeBSD aeolus.pinhead.lan.at 4.9-STABLE FreeBSD
4.9-STABLE #2: Wed Oct 29 13:54:44 CET 2003
```

fdisk -l:

```
***** Working on device /dev/da1 *****
parameters extracted from in-core disklabel are:
cylinders=24792 heads=255 sectors/track=63 (16065 blks/cyl)
```

Figures below won't work with BIOS for partitions not in cyl 1
parameters to be used for BIOS calculations are:
cylinders=24792 heads=255 sectors/track=63 (16065 blks/cyl)

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Media sector size is 512

Warning: BIOS sector numbering starts with sector 1

Information from DOS bootblock is:

The data for partition 1 is:

sysid 12,(DOS or Windows 95 with 32 bit FAT, LBA)

start 63, size 398267352 (194466 Meg), flag 0

beg: cyl 0/ head 1/ sector 1;

end: cyl 214/ head 254/ sector 63

The data for partition 2 is:

<UNUSED>

The data for partition 3 is:

<UNUSED>

The data for partition 4 is:

<UNUSED>

is this a known problem? under linux mounting the fs works flawlessly. seems like this is a limitation of the freebsd msdosfs driver. is it possible to port the driver from linux?

thanks for your time

toni

--

```
Kann man etwas nicht verstehen, dann urteile man | toni at stderror dot at  
lieber gar nicht, als dass man verurteile.      | Toni Schmidbauer  
-- Rudolf Steiner                               |
```

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- application/pgp-signature attachment: [stored](#)