

Re: Instant Reboot with 7.0 BETA4 LifeFS Disk

Source: <http://unix.derkeiler.com/Mailing-Lists/FreeBSD/stable/2007-12/msg00581.html>

- *From:* "Seth Hieronymus" <shieronymus@xxxxxxxxxx>
 - *Date:* Thu, 27 Dec 2007 16:49:47 -0700
-

On Dec 27, 2007 4:11 PM, Xin LI <delphij@xxxxxxxxxxxxx> wrote:

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Seth Hieronymus wrote:

In testing my Windows desktop with the 7.0 LiveFS disk (7.0-BETA4-amd64-livefs.iso), I get an instant reboot when the CD is run.

As

far as I can tell, no console messages are printed, so it seems the

error

happens very early in the loading process. Other FreeBSD versions (6.2, i386 7.0) also exhibit the same behavior. If left alone, the computer

will

just continually reboot.

The specs of the system are:

Soltek SL-k8TPro-939 (Via K8T800 Pro ATX) motherboard

AMD Athlon64 3800+ Newcastle 2.4GHz

Promise FastTrak 579 RAID Controller (PDC20579)

2x Seagate Barracuda 7200 SATA 150 disks in RAID 1

Re-badged Radeon 9600 Pro 256MB 128-bit DDR AGP video card

My guess is that the disk controller is not supported. Should this

cause an

instant reboot with a live filesystem disk? Is there anyway to debug

this

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since no console messages are printed?

One guess: what if you disable and disconnect your hard disk? This will be helpful to narrow down the issue...

Cheers,

Xin LI <delphij@xxxxxxxxxxxx> <http://www.delphij.net/>

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Thanks for the response! What you suggested worked -- I removed the SATA cables from both harddrives, and then was able to boot using the 7.0 BETA4 AMD64 LiveFS cd.

It appears that the disk controller is not the problem. It is recognized by FreeBSD as (hand copied):

```
atapci0: <Promise PDC20579 SATA150 controller> port
0xd200-0xd27f,0xd300-0xd3ff mem 0xf8236000-0xf8236fff,0xf8200000-0xf821ffff
irq 19 at device 9.0 on pci0
```

Searching the dmesg, there are no other devices on irq 19.

Not sure it matters, but one interesting thing is that the motherboard also has another SATA controller (irq 20 at device 15.0), which is:

```
atapci1: <VIA 6420 SATA150 controller>
```

Any ideas?

Thanks,

Seth

freebsd-stable@xxxxxxxxxxxx mailing list

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