

RE: Problem Installing FreeBSD 6.0, asking for help

Source: <http://unix.derkeiler.com/Mailing-Lists/FreeBSD/questions/2006-03/msg01090.html>

- *From:* ehrhhard.herbst@xxxxxxxxxxxxx
 - *Date:* Sun, 12 Mar 2006 12:15:26 +0100 (CET)
-

I believe you are saying that 5.2 is currently installed on the hard drive and you want to do a fresh install from scratch of 6.0.

You have to change the pc bios setup to boot from the cd drive instead of from the hard drive.

The pc will then boot from the 6.0 cd and install 6.0 destroying the 5.2 system on the hard drive along with any user data you had. After 6.0 is installed you have to change the bios back to booting from the hard drive.

Be sure you have a backup of any user data on the 5.2 system you want saved.

-----Original Message-----

From: owner-freebsd-questions@xxxxxxxxxxxxx
[mailto:owner-freebsd-questions@xxxxxxxxxxxxx] On Behalf Of
ehrhhard.herbst@xxxxxxxxxxxxx
Sent: Saturday, March 11, 2006 5:44 PM
To: questions@xxxxxxxxxxxxx
Subject: Problem Installing FreeBSD 6.0, asking for help

Hello,

may I ask you for help with the following Problem:
When I try to install FreeBSD6.0, there is the following error during the boot process (because the system is not able to boot from CD, I have to boot from floppy) occurs:
ahc0: probe1:ahc0:0:1:0: SCB 6: immediate reset Flags 0x620
ahc0: probe1:ahc0:0:1:0: No longer in timeout, status=25b
ahc0: Issued channel A bus reset, SCBs 6 aborted.

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There are variants of the messages with different SCB, flags and status.

As a result, the install program does not find any disk.
FreeBSD5.2 is running and dmesg produces the following output:

```
Copyright (c) 1992-2004 The FreeBSD Project.
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1994
The Regents of the University of California. All rights
reserved.
FreeBSD 5.2.1-RELEASE #0: Mon Feb 23 20:45:55 GMT 2004
root@xxxxxxxxxxxxxxxxxxxxx:/usr/obj/usr/src/sys/GENERIC
Preloaded elf kernel "/boot/kernel/kernel" at 0xc0a35000.
Preloaded elf module "/boot/kernel/acpi.ko" at 0xc0a351f4.
Timecounter "i8254" frequency 1193182 Hz quality 0
CPU: Intel Pentium III (797.97-MHz 686-class CPU)
Origin = "GenuineIntel" Id = 0x686 Stepping = 6

Features=0x383f9ff<FPU,VME,DE,PSE,TSC,MSR,PAE,MCE,CX8,SEP,MTRR,PGE,M
CA,CMOV,PAT,PSE36,MMX,FXSR,SSE>
real memory = 268369920 (255 MB)
avail memory = 251047936 (239 MB)
Pentium Pro MTRR support enabled
npx0: [FAST]
npx0: <math processor> on motherboard
npx0: INT 16 interface
acpi0: <GBT AWRDACPI> on motherboard
pcibios: BIOS version 2.10
Using $PIR table, 6 entries at 0xc00fdee0
acpi0: Power Button (fixed)
Timecounter "ACPI-fast" frequency 3579545 Hz quality 1000
acpi_timer0: <24-bit timer at 3.579545MHz> port 0x4008-0x400b on
acpi0
acpi_cpu0: <CPU> on acpi0
acpi_button0: <Power Button> on acpi0
acpi_button1: <Sleep Button> on acpi0
pcib0: <ACPI Host-PCI bridge> port
0x5000-0x500f,0x4080-0x40ff,0x4000-0x407f,0xcf8-0xcff on acpi0
pci0: <ACPI PCI bus> on pcib0
pcib0: slot 9 INTA is routed to irq 10
pcib0: slot 10 INTA is routed to irq 12
pcib0: slot 11 INTA is routed to irq 5
agp0: <VIA 82C691 (Apollo Pro) host to PCI bridge> mem
0xd8000000-0xdbffffff at device 0.0 on pci0
pcib1: <PCI-PCI bridge> at device 1.0 on pci0
pci1: <PCI bus> on pcib1
pcib0: slot 1 INTA is routed to irq 11
pcib1: slot 0 INTA is routed to irq 11
pci1: <display, VGA> at device 0.0 (no driver attached)
isab0: <PCI-ISA bridge> at device 7.0 on pci0
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isa0: <ISA bus> on isab0
atapci0: <VIA 82C596B UDMA66 controller> port 0xd000-0xd00f at device 7.1
on pci0
ata0: at 0x1f0 irq 14 on atapci0
ata0: [MPSAFE]
ata1: at 0x170 irq 15 on atapci0
ata1: [MPSAFE]
pci0: <bridge, HOST-PCI> at device 7.3 (no driver attached)
rl0: <RealTek 8139 10/100BaseTX> port 0xd800-0xd8ff mem 0xe3001000-0xe30010ff irq 10 at device 9.0 on pci0
rl0: Ethernet address: 00:40:33:ab:df:66
miibus0: <MII bus> on rl0
rlphy0: <RealTek internal media interface> on miibus0
rlphy0: 10baseT, 10baseT-FDX, 100baseTX, 100baseTX-FDX, auto
pci0: <multimedia, audio> at device 10.0 (no driver attached)
ahc0: <Adaptec 2940 SCSI adapter> port 0xe000-0xe0ff mem 0xe3000000-0xe3000fff irq 5 at device 11.0 on pci0
aic7870: Single Channel A, SCSI Id=7, 16/253 SCBs
fdc0: <Enhanced floppy controller (i82077, NE72065 or clone)> port 0x3f7,0x3f2-0x3f5 irq 6 drq 2 on acpi0
fdc0: FIFO enabled, 8 bytes threshold
fd0: <1440-KB 3.5" drive> on fdc0 drive 0
sio0 port 0x3f8-0x3ff irq 4 on acpi0
sio0: type 16550A
sio1 port 0x2f8-0x2ff irq 3 on acpi0
sio1: type 16550A
ppc0 port 0x378-0x37f irq 7 on acpi0
ppc0: Generic chipset (NIBBLE-only) in COMPATIBLE mode
ppbus0: <Parallel port bus> on ppc0
plip0: <PLIP network interface> on ppbus0
lpt0: <Printer> on ppbus0
lpt0: Interrupt-driven port
ppi0: <Parallel I/O> on ppbus0
atkbd0: <Keyboard controller (i8042)> port 0x64,0x60 irq 1 on acpi0
atkbd0: <AT Keyboard> flags 0x1 irq 1 on atkbd0
kbd0 at atkbd0
orm0: <Option ROMs> at iomem 0xc8000-0xca7ff,0xc0000-0xc7fff on isa0
pmtimer0 on isa0
sc0: <System console> at flags 0x100 on isa0
sc0: VGA <16 virtual consoles, flags=0x300>
vga0: <Generic ISA VGA> at port 0x3c0-0x3df iomem 0xa0000-0xbffff on isa0
Timecounter "TSC" frequency 797967629 Hz quality 800
Timecounters tick every 10.000 msec
Waiting 15 seconds for SCSI devices to settle
acpi_cpu: throttling enabled, 2 steps (100% to 50.0%), currently 100.0%
GEOM: create disk cd0 dp=0xc2d77600
GEOM: create disk cd1 dp=0xc2d77e00
GEOM: create disk da0 dp=0xc2e24050

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```
GEOM: create disk da1 dp=0xc2e26850
GEOM: create disk da2 dp=0xc2e26450
cd0 at ahc0 bus 0 target 4 lun 0
cd0: <PLEXTOR CD-ROM PX-32TS 1.02> Removable CD-ROM SCSI-2 device
cd0: 10.000MB/s transfers (10.000MHz, offset 15)
cd0: cd present [329666 x 2048 byte records]
cd1 at ahc0 bus 0 target 5 lun 0
cd1: <YAMAHA CRW4416S 1.0f> Removable CD-ROM SCSI-2 device
cd1: 8.333MB/s transfers (8.333MHz, offset 15)
cd1: Attempt to query device size failed: NOT READY, Medium not
present -
tray closed
da2 at ahc0 bus 0 target 2 lun 0
da2: <IBM DCAS-34330 S65A> Fixed Direct Access SCSI-2 device
da2: 10.000MB/s transfers (10.000MHz, offset 15)
da2: 4134MB (8467200 512 byte sectors: 255H 63S/T 527C)
da0 at ahc0 bus 0 target 0 lun 0
da0: <IBM DCAS-34330 S65A> Fixed Direct Access SCSI-2 device
da0: 10.000MB/s transfers (10.000MHz, offset 15)
da0: 4134MB (8467200 512 byte sectors: 255H 63S/T 527C)
da1 at ahc0 bus 0 target 1 lun 0
da1: <IBM DDRS-34560 S92A> Fixed Direct Access SCSI-2 device
da1: 10.000MB/s transfers (10.000MHz, offset 15), Tagged Queueing
Enabled
da1: 4357MB (8925000 512 byte sectors: 255H 63S/T 555C)
Mounting root from ufs:/dev/da0s1a
```

Best regards
E. Herbst.

freebsd-questions@xxxxxxxxxxx mailing list
<http://lists.freebsd.org/mailman/listinfo/freebsd-questions>
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"freebsd-questions-unsubscribe@xxxxxxxxxxx"

Sorry, but the Problem is, that FreeBSD6.0 does not recognize any of the scsi disks, while FreeBSD5.2 does. BTW on that machine it is not possible (for me) to change the bios in such a way, that the pc is booting from one of the scsi cd and I think, the boot sequence does not matter in this problem.

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