

SCSI AHA-2940 SUN ULTRA 5 Not Detecting

Source: <http://linux.derkeiler.com/Mailing-Lists/Debian/2006-08/msg00417.html>

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 - *Date:* Fri, 4 Aug 2006 12:17:47 -0700
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Hello Gang,

I can't get my scsi card working on my ultra 5 sun sparc, this is the info on it. I am trying to make a quantum 72 DAt Drive to work, so far I can't even get the scsi to detect, what am i doing wrong here. The tape drive is set to scsi id 3, the card is what ever is the default. Remember this is a sparc system, and not a i386 any ideas on where should I start. Thanx All

--Roman

lspci

```
0000:02:01.0 SCSI storage controller: Adaptec AHA-2940U/UW/D / AIC-7881U (rev 01)
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lsmod

```
Module Size Used by
ipv6 291640 12
evdev 11840 0
uhci_hcd 38192 0
ohci_hcd 21528 0
ehci_hcd 33304 0
sunhme 31312 0
ide_cd 46552 0
cdrom 44584 1 ide_cd
st 44136 0
aic79xx 233904 0
scsi_mod 94200 2 st,aic79xx
ext3 141472 6
jbd 60784 1 ext3
ide_disk 20880 8
ide_generic 1920 0
cmd64x 13752 1
```

Output of syslog

```
Aug 4 11:28:25 rubicon kernel: SCSI subsystem initialized
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Output dmsg

```
PROMLIB: Sun IEEE Boot Prom 3.19.4 1999/04/28 15:05
Linux version 2.6.8-3-sparc64 (pbuilder@sparc) (gcc version 3.3.5 (Debian
1:3.3.5-13)) #1 Sat Jul 15 15:40:08 UTC 2006
ARCH: SUN4U
Ethernet address: 08:00:20:c0:4b:6e
On node 0 totalpages: 130197
DMA zone: 130197 pages, LIFO batch:8
Normal zone: 0 pages, LIFO batch:1
HighMem zone: 0 pages, LIFO batch:1
Built 1 zonelists
Kernel command line: root=/dev/hda2 ro
PID hash table entries: 4096 (order 12: 65536 bytes)
Console: colour dummy device 80x25
Dentry cache hash table entries: 131072 (order: 7, 1048576 bytes)
Inode-cache hash table entries: 65536 (order: 6, 524288 bytes)
Memory: 1032192k available (1992k kernel code, 600k data, 152k init)
[ffff8000000000,000000003ff46000]
Calibrating delay loop... 663.55 BogoMIPS
Mount-cache hash table entries: 512 (order: 0, 8192 bytes)
checking if image is initramfs...it isn't (ungzip failed); looks like
an initrd
Freeing initrd memory: 3080k freed
NET: Registered protocol family 16
PCI: Probing for controllers.
PCI: Found SABRE, main regs at 000001fe00000000, wsync at
000001fe00001c20
SABRE: Shared PCI config space at 000001fe01000000
SABRE: DVMA at c0000000 [20000000]
PCI-IRQ: Routing bus[ 2] slot[ 1] map[0] to INO[10]
PCI0(PBMA): Bus running at 33MHz
PCI-IRQ: Routing bus[ 1] slot[ 1] map[0] to INO[21]
PCI-IRQ: Routing bus[ 1] slot[ 2] map[0] to INO[0f]
PCI-IRQ: Routing bus[ 1] slot[ 3] map[0] to INO[20]
PCI0(PBMB): Bus running at 33MHz
ebus0: [auxio] [power] [SUNW,pll] [se] [su] [su] [ecpp] [fdthree]
[eeprom] [flashprom] [SUNW,CS4231]
power: Control reg at 000001fff1724000 ... powerd running.
usbcore: registered new driver usbfs
usbcore: registered new driver hub
VFS: Disk quotas dquot_6.5.1
Dquot-cache hash table entries: 1024 (order 0, 8192 bytes)
devfs: 2004-01-31 Richard Gooch (rgooch@xxxxxxxxxxxxxx)
devfs: boot_options: 0x0
Initializing Cryptographic API
Console: switching to mono PROM 80x34
rtc_init: no PC rtc found
su0 at 0x000001fff13062f8 (irq = 4,7ea) is a 16550A
su1 at 0x000001fff13083f8 (irq = 9,7e9) is a 16550A
ttyS0 at MMIO 0x1fff1400000 (irq = 7125984) is a SAB82532 V3.2
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ttyS1 at MMIO 0x1fff1400040 (irq = 7125984) is a SAB82532 V3.2
Console: ttyS0 (SAB82532)
Using anticipatory io scheduler
RAMDISK driver initialized: 16 RAM disks of 8192K size 1024 blocksize
loop: loaded (max 8 devices)
Uniform Multi-Platform E-IDE driver Revision: 7.00alpha2
ide: Assuming 33MHz system bus speed for PIO modes; override with
idebus=xx
usbcore: registered new driver usbhid
drivers/usb/input/hid-core.c: v2.0:USB HID core driver
mouse: PS/2 mouse device common for all mice
input: Sun Mouse on su/serio0
NET: Registered protocol family 2
IP: routing cache hash table of 16384 buckets, 128Kbytes
TCP: Hash tables configured (established 131072 bind 65536)
NET: Registered protocol family 1
NET: Registered protocol family 17
RAMDISK: cramfs filesystem found at block 0
RAMDISK: Loading 3080 blocks [1 disk] into ram disk... done.
VFS: Mounted root (cramfs filesystem) readonly.
CMD646: IDE controller at PCI slot 0000:01:03.0
CMD646: chipset revision 3
CMD646: chipset revision 0x03, MultiWord DMA Force Limited
CMD646: 100% native mode on irq 4,7e0
ide0: BM-DMA at 0x1fe02c00020-0x1fe02c00027, BIOS settings:
hda:pio, hdb:pio
ide1: BM-DMA at 0x1fe02c00028-0x1fe02c0002f, BIOS settings:
hdc:pio, hdd:pio
hda: Maxtor 6Y060P0, ATA DISK drive
ide0 at 0x1fe02c00000-0x1fe02c00007,0x1fe02c0000a on irq 4,7e0
hdc: PIONEER DVD-RW DVR-105, ATAPI CD/DVD-ROM drive
ide1 at 0x1fe02c00010-0x1fe02c00017,0x1fe02c0001a on irq 4,7e0
(shared with ide0)
hda: max request size: 128KiB
hda: 120103200 sectors (61492 MB) w/7936KiB Cache,
CHS=65535/16/63, (U)DMA
/dev/ide/host0/bus0/target0/lun0: p1 p2 p3 p4 p5 p6 p7 p8
kjournald starting. Commit interval 5 seconds
EXT3-fs: mounted filesystem with ordered data mode.
Adding 3905984k swap on /dev/hda4. Priority:-1 extents:1
EXT3 FS on hda2, internal journal
SCSI subsystem initialized
st: Version 20040403, fixed bufsize 32768, s/g segs 256
hdc: ATAPI 32X DVD-ROM DVD-R CD-R/RW drive, 2000kB Cache
Uniform CD-ROM driver Revision: 3.20
kjournald starting. Commit interval 5 seconds
EXT3 FS on hda1, internal journal
EXT3-fs: mounted filesystem with ordered data mode.
kjournald starting. Commit interval 5 seconds
EXT3 FS on hda7, internal journal
EXT3-fs: mounted filesystem with ordered data mode.
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kjournald starting. Commit interval 5 seconds
EXT3 FS on hda5, internal journal
EXT3-fs: mounted filesystem with ordered data mode.
kjournald starting. Commit interval 5 seconds
EXT3 FS on hda8, internal journal
EXT3-fs: mounted filesystem with ordered data mode.
kjournald starting. Commit interval 5 seconds
EXT3 FS on hda6, internal journal
EXT3-fs: mounted filesystem with ordered data mode.
sunhme.c:v2.02 24/Aug/2003 David S. Miller (davem@xxxxxxxxxx)
eth0: HAPPY MEAL (PCI/CheerIO) 10/100BaseT Ethernet
08:00:20:c0:4b:6e
ohci_hcd: 2004 Feb 02 USB 1.1 'Open' Host Controller (OHCI)
Driver (PCI)
ohci_hcd: block sizes: ed 80 td 96
USB Universal Host Controller Interface driver v2.2
eth0: Link is up using internal transceiver at 100Mb/s, Full
Duplex.
NET: Registered protocol family 10
Disabled Privacy Extensions on device 00000000064fd68(1o)
IPv6 over IPv4 tunneling driver
eth0: no IPv6 routers present

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