

## Alpha ES40 and Adaptec 29160

**Source:** <http://unix.derkeiler.com/Mailing-Lists/Tru64-UNIX-Managers/2003-10/0225.html>

---

**From:** Ryan Frantz ([rfrantz\\_at\\_acclamation.com](mailto:rfrantz_at_acclamation.com))

**Date:** 10/29/03

Date: Wed, 29 Oct 2003 14:03:22 -0500

To: [tru64-unix-managers@ornl.gov](mailto:tru64-unix-managers@ornl.gov)

I have installed an Adaptec 29160 SCSI controller in my Alpha ES40 running Tru64 5.1. It appears from the reading I've done online that this will work using the 'aha\_chim.mod' driver. I've added the following stanza into /etc/sysconfigtab trying to get the kernel to use the aha\_chim driver to power the card:

aha\_chim:

```
PCI_Option = PCI_SE_Rev - 0x210, Vendor_Id - 0x9005, Device_Id - 0x80,  
Rev - 0, Base - 0x1, Sub - 0x0, Pif - 0 Sub_Vid - 0x9005, Sub_Did - 0xe2a0,  
Vid_Mo_Flag - 1, Did_Mo_Flag - 1, Rev_Mo_Flag - 0, Base_Mo_Flag - 0,  
Sub_Mo_Flag - 0, Pif_Mo_Flag - 0, Sub_Vid_Mo_Flag - 0, Sub_Did_Mo_Flag - 0,  
Driver_Name - aha_chim, Type - A, Adpt_Config - N
```

I got the Vendor and Device IDs from the 'messages' file. Unfortunately, the kernel throws this error when the system boots up:

Sysconfigtab PCI\_Option entry 1 invalid.

How can I tell if the aha\_chim driver is being used? Do I need to reconfigure and rebuild the kernel?

Any help will be greatly appreciated.

Ryan Frantz  
Senior Systems Engineer  
Acclamation Systems, Inc