

RE: Support for PERC4e/Di and 4e/Si

Source: <http://unix.derkeiler.com/Mailing-Lists/FreeBSD/questions/2004-12/2404.html>

Clay_Cooper_at_Dell.com

Date: 12/22/04

Date: Wed, 22 Dec 2004 11:23:24 -0600

To: <martinh@solid-state-logic.com>

Martin and all,

Thanks for your help. I found a patch in the freebsd-stable mailing list archive that adds the PCI-IDs to amr_pci.c. For some reason the patch would not apply correctly to my 4.10-stable-20040818-jpsnap source, but I was able to make the changes manually and compile a new kernel. The new kernel recognized the PERC4e/Di and PERC4e/Si, and the amr driver loaded and worked with the newer PERCs. For everyone's reference, here is the patch as copied from the mailing list:

```
--- 4.10-rel/amr_pci.c Wed Oct 27 18:15:12 2004
+++ amr_pci.c Wed Oct 27 18:15:12 2004
@@ -128,6 +128,7 @@
     {0x1000, 0x1960, PROBE_SIGNATURE},
     {0x1000, 0x0407, 0},
     {0x1028, 0x000e, PROBE_SIGNATURE}, /* perc4/di i960 */
+ {0x1028, 0x0013, 0}, /* perc4e/Si */
     {0x1028, 0x000f, 0}, /* perc4/di Verde*/
     {0, 0, 0}
 };
@@ -180,7 +181,8 @@
 /*
     command = pci_read_config(dev, PCIR_COMMAND, 1);
     if ((pci_get_device(dev) == 0x1960) || (pci_get_device(dev) ==
0x0407) ||
- (pci_get_device(dev) == 0x000e) || (pci_get_device(dev) ==
0x000f)) {
+ (pci_get_device(dev) == 0x000e) || (pci_get_device(dev) ==
0x000f) ||
+ (pci_get_device(dev) == 0x0013)) {
     /*
     * Make sure we are going to be able to talk to this board.
     */
```

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freebsd-questions: RE: Support for PERC4e/Di and 4e/Si

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

From: Martin Hepworth [mailto:martinh@solid-state-logic.com]
Sent: Thursday, December 16, 2004 3:05 AM
To: Cooper, Clay
Cc: freebsd-questions@freebsd.org
Subject: Re: Support for PERC4e/Di and 4e/Si

Clay

have you tried booting from the first CD. I think the floppy based kernel is cut down a little to save space, so it may not have the required driver on it.

If you can't boot from the CD (like bios won't support it), you'll have to build you own floppy images with the perc 4e driver in that kernel. See the hnadbook for how to do this..

--

Martin Hepworth
Snr Systems Administrator
Solid State Logic
Tel: +44 (0)1865 842300
Clay_Cooper@Dell.com wrote:
> Greetings,
>
> The amr driver man page @
> <http://www.freebsd.org/cgi/man.cgi?query=amr&apropos=0&sektion=4&manpa>
> th
> =FreeBSD+4.10-stable&format=html
> Claims support for PERC4e/Di and Si in 4.10-stable.
>
> However when I download the floppies from
>
> <ftp://snapshots.jp.freebsd.org/pub/FreeBSD/snapshots/i386/4.10-STABLE-20041117-JPSNAP/floppies/> and boot from them, the hardware is not
> recognized. Is there a minimum version of 4.10-stable I need to be
> using or possibly a patch that I could apply?
>
> Thanks in advance for your assistance.
>
>
> Clay Cooper
> PG Custom Solutions Engineering
> Clay_Cooper@Dell.com
>
>
> _____
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RE: Support for PERC4e/Di and 4e/Si

freebsd-questions: RE: Support for PERC4e/Di and 4e/Si

freebsd-questions@freebsd.org mailing list

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