

Re: SATA RAID 1 – which controller to pick?

Source: <http://linux.derkeiler.com/Newsgroups/comp.os.linux.hardware/2004-07/0032.html>

From: Revo (rmon90223_at_hotmail.com)

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They would not even let me see their i/o benchmark figures, let alone release their source code for a driver, god forbid!

BTW, I restarted testing the Adaptec 1210SA on freaking Windows. Because I could not get the Redhat driver working, and the Suse driver doesn't seem to work at all. Their Windows XP driver works perfectly, of course, after a full day and a half of IOMeter and no mishaps. But we thought against putting a Windows XP server in production, so we're testing Windows 2000 Server with their newest driver now.

I noticed this started happening in the last 2 days of testing on this 1210SA card.. when I do a warm-boot (ctrl-alt-del) or hardware reset button, the 1210SA appears to hang during the bootup. If I do a total power off/on, then it initializes.

Do you get this problem?? I don't recall it happening originally during my Redhat testing phase.

v8625@hotmail.com (v8625) wrote in message
news:<7c6d0c8e.0407010715.4c8c4982@posting.google.com>...
> *Not surprisingly, Adaptec provided the following answer on whether*
> *they can provide either another prebuilt module or source code for*
> *building my own:*
> *"...the only prebuilt modules we have are posted on our website, also*
> *we do not have source code for this as it is proprietary information."*
> *Anyway, I always ask, just in case.*
> *As for SCSI, I weaned myself off that back when fast IDE drives*
> *appeared (ATA/100 and ATA/133) – they did RAID0 and RAID1 – good*
> *enough for most solutions. SCSI is really an overkill for small*
> *environments – any SCSI solution is still significantly more expensive*
> *than SATA. And I don't expect it to come down any time soon. In fact,*
> *I think SATA would continue to add speed and features (improved*
> *signaling, native command queuing and other SCSI-like functionality)*
> *and thus chip away at SCSI market from the low end.*
> *Anyway, I am thinking if I have to reinstall the system – which is*
> *what Adaptec guys originally suggested – I might as well get a new*
> *Athlon-64 board with 4 on-board SATA inputs. Then again, I am not too*
> *sure if the applications would work on 64-bit athlons, so maybe I'll*

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> *just fall back to 2.4.20-8 and save myself some time and effort (oh*
> *yes, and about \$750.00).*
>
>
>
> *rmon90223@hotmail.com (Revo) wrote in message*
news:<d285a739.0407010023.63f04026@posting.google.com>...
> > *Yep, I was looking for the same thing to compile into my own kernel!!*
> > *Unfortunately, no source is released by Adaptec. So I had to fall back*
> > *to using the 2.4.20-8 driver for that kernel release. I don't really*
> > *care as long as the only prebuilt modules we have are posted on our*
> *website, also we do not have source code for this as it is*
> *proprietary*
> *information.*
> *drives don't crash. Since a newer kernel is just*
> > *mostly for system patch issues. And right now, this SATA driver just*
> > *isn't there yet.*
> >
> > *On the other hand!! I found out that if you buy the Adaptec RAID 2120S*
> > *SCSI controller, and use a 2x SCSI drives mirror, it works PERFECTLY*
> > *on the new Adaptec RAID 2120S Redhat 9.0 2.4.20-8 driver! The Bonnie*
> > *I/O tester is still looping non-stop after 48 hours of continuous disk*
> > *I/O testing. However, the price of that controller is much higher, as*
> > *are the prices of the SCSI drives. It accomplishes our goal, but at a*
> > *much higher price.*
> >
> > *It seems SATA is still too new to implement in production level*
> > *environments.*
> >