

Re: sata to pata adapters on p4c800

Source:

<http://newsgroups.derkeiler.com/Archive/Alt/alt.comp.periphs.mainboard.asus/2005-10/msg00248.html>

- From: ññjàṣṭêç <bs@xxxxxxx>
 - Date: Sat, 08 Oct 2005 15:58:11 GMT
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I own 2 "RocketHead 100's" pata to sata adapters (connect pata hdd to sata channels...). Although they work fine in single drive configurations, I am not able to set-up a raid0 array with these adapters. Have not tried raid1 with them, as it's not required for my setup. Using maxtor ata 133's and my throughput is up only slightly at best compared to the ide channel. Needless to say, the adapters sit in my collection of interesting, yet fairly unused devices box...
FYI

ññjàṣṭêç

---END---PGP---SIGNATURE---

On Sat, 08 Oct 2005 13:31:18 GMT, "John Smith"
<John.smith@xxxxxxxxxxxx> wrote:

>well thank you for the long detailed reply. Yeah I found a bunch of those
>adapters and found the same frustration you did.
>In looking for a review.alll seem pretty old and no one did a round up of
>them comparing them.
>
>my raids are simple strips I am looking for through put. I have two disks
>on one pata promise controller and set up a second pair of disks on the on
>system board ide controller using windows xp pro.(you can set up a stripe
>volume you just can't boot from it.) and I use one raid as source and one
>raid as destination. thus limiting the seek times.
>
>no I am not dropping frames ,a single ata 66 Mhz drive should be able to do
>it without dropping frames. I haven't dropped frames in years
>what I want is when I resize and filter for it to take less time. the
>processors are not bottleneck (hell dual Xeons is over kill)
> but the disks are flat out in data transfer, regardles they will be the
>limiting factor.
>
>
>Also one of the option you didn't mention was setting up two pata2sata
>adapters off the serial chanel, those are seperate channels on the raid
>right?

Re: sata to pata adapters on p4c800

>more elegant solution, more expensive of course
>Also part of me just wants blow it all off. and just say live with it till
>you need to replace a disk , then buy 2 sata.
>I saw and add for a 300 gig for less than \$100 after rebate last week,2
>adapters are going to run me \$50 are my 4-160 Gigs worth saving?
>they have served me well but it may be time to move on.
>
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>"Paul" <nospam@xxxxxxxxxx> wrote in message
>news:nospam-0710051644410001@xxxxxxxxxxxxxxxxxxxx
>> In article <[u_x1f.113\\$AR1.8@trndny09](mailto:u_x1f.113$AR1.8@trndny09)>, "John Smith"
>> <John.smith@xxxxxxxxxxxx> wrote:
>>
>>> well I have a pc-dl asus (basically a dual p4c800 , I figured I would
>>> get
>>> more replies this way)
>>> and I am running raid off the pata promise (single channel) and the
>>> performance is supposed to be better if I go off the promise sata or one
>>> sata and one pata . However I don;t want to buy new drives is worth
>>> getting
>>> one of those adapter things , I haven't found anything specs on the web
>>> and
>>> no comparison of these adapters saying which is best.
>>> I do a little video editing and occasionally I am pushing the drive, so
>>> would it be worth it to get more performance
>>> right now the drives are maxing out at 133 Mhz (weird how it is that
>>> exact)
>>> when I do a par repair
>>>
>>> any recomendations
>>
>> ABIT SERILLEL2 IDE to Serial ATA 150 Adapter Kit (SIL3611 based)
>> <http://www.newegg.com/Product/Product.asp?Item=N82E16813999402>
>> <http://secure.newegg.com/NewVersion/FeedBack/CustRatingReview.asp?Item=N82E16813999402>
>>
>> Rockethead 100 (chip type unknown)
>> <http://secure.newegg.com/app/CustratingReview.asp?item=22-999-111>
>>
>> (Mentions SIL3611 and Marvell 88SA8040)
>> <http://www.ioisata.com/products/prodcategory.asp?ProdCategoryID=1001>
>>
>> User compatibility report (May 2003, so old news)
>
>> <http://www.nforcershq.com/forum/viewtopic.php?t=19476>
>>
>> The main problem I have with the information out there, on
>> PATA disk to SATA host adapters, is the info tends to be

Re: sata to pata adapters on p4c800

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>> older (from 2003). If you buy an adapter, you'll never really
>> know whether it will be trouble free or not.
>>
>> Options:
>>
>> 1) Stick with the current two-drives-on-same-cable Promise 20378
>> 2) Install PATA2SATA adapter on one PATA drive, to spread the I/O.
>> Adapter adds length to drive, SATA cables are not the most
>> secure thing in the world.
>> 3) Unplug one PATA drive and keep as a spare for a rainy day.
>> Buy a SATA drive and use it as part of your RAID array.
>> Mechanically a bit better, but still the SATA cable issue.
>> 4) Buy a PCI card RAID controller with two IDE cables.
>> While there are super-cheap cards, they may disappoint in
>> the performance department.
>>
>> Have you evaluated the video editing performance ? Are there
>> dropped frames or stuttering ? How much bandwidth does video
>> editing require ?
>>
>> In many situations, you are being limited by seek performance
>> on a disk, rather than its STR. STR matters when copying large
>> files, but if you were video editing, I presume the heads are
>> reading from one part of the disk, and then writing to another ?
>> It could be, after sweating all these details, that your
>> application won't make good use of the hardware you've set up.
>>
>> Paul
>
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• **Follow-Ups:**

- ◆ **[Re: sata to pata adapters on p4c800](#)**
◇ From: John Smith

• **References:**

- ◆ **[sata to pata adapters on p4c800](#)**
◇ From: John Smith
- ◆ **[Re: sata to pata adapters on p4c800](#)**
◇ From: Paul
- ◆ **[Re: sata to pata adapters on p4c800](#)**
◇ From: John Smith

- Prev by Date: **[Re: NEW PC probe II and P4C800Edlx](#)**
- Next by Date: **[Re: Power problem...](#)**
- Previous by thread: **[Re: sata to pata adapters on p4c800](#)**
- Next by thread: **[Re: sata to pata adapters on p4c800](#)**
- Index(es):
 - ◆ **[Date](#)**

Re: sata to pata adapters on p4c800

◆ *Thread*