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Subject: SATA PCI Card for G4 Sawtooth?

Posted by [g3-5-list](#) on Mon, 21 Sep 2015 22:18:11 GMT

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[http://www.newegg.com/Product/Product.aspx?Item=N82E16816124\\_028](http://www.newegg.com/Product/Product.aspx?Item=N82E16816124_028)

I'm thinking of using this SYBA SY-PCI140010 PCI card to add a SATA drive to my G4 Sawtooth. I have checked the SYBA site and it does have an OS X driver with a 2010 date. It does not say what version of OS X. Has anyone had any success or failure with this card? It has a SIL3124 Chipset. The hard drive is a 320 MB SATA II. The Sawtooth has a dual 1.25 GHz upgrade processor with 2 GB RAM and running 10.4.11.

The Sawtooth recognizes the full 320 GB of the drive when attached via a USB 2.0 card or the USB 1.1 native bus using a SATA-USB adapter. I would rather have the drive inside the computer and be able to boot the drive into 10.4.11. I can't do that when connected with USB on that old G4. My other option is a SATA/Firewire external enclosure which should be bootable and would cost about the same.

This is a temporary solution until I fix or replace my recently failed G5. I need to open files in Adobe CS2 and FileMaker 7 so 10.4.11 preferred, 10.5.8 or maybe even 10.6.8 with an Intel Mac.

Any thoughts or ideas? Thanks once again --glen

--  
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Subject: Re: SATA PCI Card for G4 Sawtooth?

Posted by [Frank Dutra](#) on Mon, 21 Sep 2015 22:36:32 GMT

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FWIW, i've been using a Firmtek seritek 1s2 internal card for the last 5-6 years with 1 and 2 tb SATA 1 drives and a 3 tb WD SATA III drive. Using a PPC Gigabit Ethernet (Mystic) running 10.4.11 . Had to partition the WD 3 tb into a 1 and 2 tb section from an external case before I could format it natively. YMMV

On 9/21/15, 'glenstrek' via G-Group <g3-5-list@googlegroups.com> wrote:

> [http://www.newegg.com/Product/Product.aspx?Item=N82E16816124\\_028](http://www.newegg.com/Product/Product.aspx?Item=N82E16816124_028)  
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Subject: Re: SATA PCI Card for G4 Sawtooth?

Posted by [Jörg Duurkoop](#) on Tue, 22 Sep 2015 12:36:31 GMT

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Hi Glen,

There are cheap adaptors available which fit between the ATA-cable and the SATA-connector on the drive. I have two big and fast SATA drives in my MDD using those adaptors (price was 8 € on the net), the speed is awesome compared to my other internal two ATA-drives. Plus I have all my PCI-slots available for other cards.

Good luck, Jörg.

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Subject: Re: SATA PCI Card for G4 Sawtooth?  
Posted by [g3-5-list](#) on Tue, 22 Sep 2015 21:58:24 GMT  
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Do you mean something like this?[http://www.amazon.com/HDE-SATA-Drive-Interface-Adapter/dp/B002Y2NI4M/ref=pd\\_sim\\_147\\_3?ie=UTF8&refRID=199TBF0PPZSAHR4XHNZW&dpID=41y1NmgtUFL&dpSrc=sims&preST=\\_AC\\_UL160\\_SR160%2C160\\_](http://www.amazon.com/HDE-SATA-Drive-Interface-Adapter/dp/B002Y2NI4M/ref=pd_sim_147_3?ie=UTF8&refRID=199TBF0PPZSAHR4XHNZW&dpID=41y1NmgtUFL&dpSrc=sims&preST=_AC_UL160_SR160%2C160_)

I did not think of going in that direction -- that could work! Then I could put the two ATA/IDE drives now in the Sawtooth into my external Firewire enclosures and have both bootable computers in one G4 until I repair or more likely replace the G5.

Thanks, glen

From: Jörg Duurkoop <[yawgie@gmail.com](mailto:yawgie@gmail.com)>  
To: G-Group <[g3-5-list@googlegroups.com](mailto:g3-5-list@googlegroups.com)>  
Sent: Tuesday, September 22, 2015 8:36 AM  
Subject: Re: SATA PCI Card for G4 Sawtooth?

Hi Glen,

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Subject: Re: SATA PCI Card for G4 Sawtooth?

Posted by [Bruce Godfrey](#) on Wed, 23 Sep 2015 14:18:41 GMT

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It would be nice if there was an adapter that went into the mobo IDE slot so you could run a SATA cable out to the drive. Routing would be much easier that way.

Bruce

On 9/21/15 3:36 PM, Frank Dutra wrote:

> FWIW, i've been using a Firmtek seritek 1s2 internal card for the last  
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Subject: Re: SATA PCI Card for G4 Sawtooth?  
Posted by [peterhaas](#) on Wed, 23 Sep 2015 16:30:56 GMT

> It would be nice if there was an adapter that went into the mobo IDE  
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It is theoretiacally possible to do, but only for one SATA port as the  
chipsets presently in use "map" either a Master PATA OR a Slave PATA (but  
not both) into a single SATA device (with the card becoming a functional  
part of the SATA drive, and what you are proposing is a new device which  
maps a Master PATA AND a Slave PATA (both) into two SATA devices.

--

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Subject: Re: SATA PCI Card for G4 Sawtooth?

Posted by [Rockin' Kat](#) on Tue, 29 Sep 2015 05:47:54 GMT

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If you could plug an adapter into the IDE port on the logicboard of a  
PowerMacG4, you'd probably run into issues trying to get the case to  
close without breaking the adapter board... not a lot of head room over  
the logicboard there when you close the case.

--

Matthew S. Carpenter

"Stand back! I've got an open power supply and I'm not afraid to do something stupid with it!"

On 9/23/15 7:18 AM, Bruce Godfrey wrote:

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Subject: Re: SATA PCI Card for G4 Sawtooth?  
Posted by [g3-5-list](#) on Thu, 01 Oct 2015 23:02:36 GMT  
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Follow up: I went with the external SATA/Firewire enclosure. Tested it today and it allows me to boot into the SATA drive and run all the apps I used with the G5. Granted a lot slower but since the G4 has a dual 1.25 GHz upgrade it is workable and just a little slower than the MDD I sold in July. It allows me to access and edit my legacy files.

I decided against the PCI card since I read one review that said it worked great in 10.4.11 and another that said it did not work at all in 10.4.11? Then there is the concern will it boot and recognize more than the 127 GB of the SATA drive. For the same reason I decided against a good suggestion to buy an adapter -- did not think the Sawtooth would recognize the full capacity of the drive without the Firmware hack or 3rd party software.

I found cheap SATA/Firewire enclosures hard to find. The one purchased is an Iomega job lot surplus type for \$35 shipped. It is new with all the screws and a bunch of stuff, some needed and some not. No instructions but easy to figure out. Really cheap construction, with self tapping screws that require a lot of patience and some improvised tools to get to work. But it does the job so I'm OK with it.

Fixing the G5: My second G5 that was severely damaged in shipping and whose PS may be a good replacement had developed a LC leak with much corrosion, no surprise. Then I remembered that the PS in this damaged G5 displayed the same symptoms regarding the power supply that failed. I did start to take it apart but without having a long reach t-10 wrench I improvised a tool and got 7 of 8 hex screws out of the LCS unit but of course there is always one that won't loosen up. So unless I buy another tool I will not likely use again I am giving up on the G5 repair.

Thanks for all the help and suggestions -- glen

From: 'glenstrek' via G-Group <g3-5-list@googlegroups.com>  
To: G-Group <g3-5-list@googlegroups.com>  
Sent: Monday, September 21, 2015 6:18 PM  
Subject: SATA PCI Card for G4 Sawtooth?

[http://www.newegg.com/Product/Product.aspx?Item=N82E16816124\\_028](http://www.newegg.com/Product/Product.aspx?Item=N82E16816124_028)

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Subject: Re: SATA PCI Card for G4 Sawtooth?  
Posted by [W.Adrian D'Alessio](#) on Fri, 02 Oct 2015 15:21:53 GMT  
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Reach in with a long reach bit and drill the head off the screw.

Or use one of those screw extractor bits ( with the tiny grip teeth) on a long reach extension. Don't let one screw discourage you.

Adrian D'Alessio aka; Fluxstringer  
[fluxstringer@gmail.com](mailto:fluxstringer@gmail.com)  
<http://www.flickr.com/photos/fluxstreamcommunication/>  
<http://www.facebook.com/FluxStringer>  
<https://www.youtube.com/user/fluxstringer>  
<http://www.linkedin.com/in/fluxstreamcommunications>  
<http://flux-influx.blogspot.com/>  
<http://fluxdreams.designbinder.com/>

On Thu, Oct 1, 2015 at 7:02 PM, 'Glen' via G-Group <[g3-5-list@googlegroups.com](mailto:g3-5-list@googlegroups.com)> wrote:

- > Follow up:
- > I went with the external SATA/Firewire enclosure. Tested it today and it
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> Thanks for all the help and suggestions -- glen

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>

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> -----

> \*From:\* 'glenstrek' via G-Group <g3-5-list@googlegroups.com>

> \*To:\* G-Group <g3-5-list@googlegroups.com>

> \*Sent:\* Monday, September 21, 2015 6:18 PM

> \*Subject:\* SATA PCI Card for G4 Sawtooth?

>

> [http://www.newegg.com/Product/Product.aspx?Item=N82E16816124\\_028](http://www.newegg.com/Product/Product.aspx?Item=N82E16816124_028)

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Subject: Re: SATA PCI Card for G4 Sawtooth?

Posted by [g3-5-list](#) on Fri, 02 Oct 2015 22:24:17 GMT

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Good suggestion: that occurred to me, but the screw is not damaged and a proper tool will remove it. And since I do not have a 10 inch or longer drill bit I would have to buy that tool which probably cost about same as the proper tool.

Anyway probably a mute point since the G5 PS located where the computer was dropped and most likely is damaged. Still a possible project if I get bored.

Meanwhile the Sawtooth is just fine. I may replace it with a 2008 or 2009 iMac which will run 10.5 or 10.6 if I need more speed and can find one locally for a good price. Thanks -- glen

From: W.Adrian D'Alessio <fluxstringer@gmail.com>  
To: G3-5 List <g3-5-list@googlegroups.com>  
Sent: Friday, October 2, 2015 11:21 AM  
Subject: Re: SATA PCI Card for G4 Sawtooth?

Reach in with a long reach bit and drill the head off the screw.

Or use one of those screw extractor bits ( with the tiny grip teeth) on a long reach extension. Don't let one screw discourage you.

Adrian D'Alessio aka; Fluxstringer  
fluxstringer@gmail.com  
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<http://www.facebook.com/FluxStringer>  
<https://www.youtube.com/user/fluxstringer>  
<http://www.linkedin.com/in/fluxstreamcommunications>  
<http://flux-influx.blogspot.com/>  
<http://fluxdreams.designbinder.com/>

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To: G-Group <g3-5-list@googlegroups.com>  
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Subject: Re: SATA PCI Card for G4 Sawtooth?  
Posted by [W.Adrian D'Alessio](#) on Fri, 02 Oct 2015 23:03:12 GMT  
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---

I have bought 2 machines in the past from RMartin on the swap list. He ships from Michigan. They were / are good machines. And prices were right.

Adrian D'Alessio aka; Fluxstringer  
[fluxstringer@gmail.com](mailto:fluxstringer@gmail.com)  
<http://www.flickr.com/photos/fluxstreamcommunication/>  
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