

Re: Hot Swapping a SATA drive in Windows 2000 and XP.

Source:

<http://www.tech-archive.net/Archive/WinXP/microsoft.public.windowsxp.hardware/2004-09/0667.html>

From: Nathan McNulty (*nospam_at_msn.com*)

Date: 09/03/04

Date: Fri, 03 Sep 2004 01:17:35 -0700

Things showing up as SCSI is just odd. I have nothing like this on my system. I would go into Device Manager (Start-Run-devmgmt.msc) and remove these devices. Install the latest chipset drivers and reboot. If after installing the latest chipset drivers and a clean configuration of the drives it doesn't work, I would try a fresh install of XP as a last resort if possible.

Nathan McNulty

Chris S wrote:

> Well, I'm stumped. I just took an old 10 gig maxtor drive (ata) and
> put it in my SATA enclosure (which does pata/sata conversion). The
> drive shows up no problem. I formatted it as FAT32, but still, the
> two 'optimize' options on the 'policies' button are grayed out.
>
> This is somewhat consistent with my other tests, which have included
> 'native' SATA drives (though I can't afford to re-format the 'real'
> sata drive at the moment).
>
> I even took my USB memory stick, and was able to format it as NTFS,
> and it still had the two 'optimize' options available on the
> 'policies' tab, so NTFS/FAT don't appear to be the deciding factor
> here.
>
> The essence of the problem seems to be that my two SATA cards (one
> Adaptec/Silicon Image card, one Maxtor/Promise card) present
> themselves as SCSI adapters, and thus, disks connected to them are
> treated as SCSI disks.
>
> Do your SATA adapters and associated drives show up as SCSI devices?
>
> The only other variables I can think of are the specific settings in
> the 'disk management' applet; I could make it 'basic' or 'dynamic'
> (I've chosen both at various times, seems to make no difference),
> primary or extended (think I've tried both);
>
> I just spent \$150 on a bunch of 6 foot external SATA cables, and
> internal sata connector posts (to provide 'female' sata connectors on
> back of computer) so I'd like to proceed with this, but at this point
> I'm running out of ideas!
>
> Thanks!

microsoft.public.windowsxp.hardware: Re: Hot Swapping a SATA drive in Windows 2000 and XP.

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>  
> On Thu, 02 Sep 2004 00:06:05 -0700, Nathan McNulty <nospam@msn.com>  
> wrote:  
>  
>  
>>I will try to help as best as I can. I believe you need to have the  
>>drive formatted as FAT32 to use Optimize for Quick Removal. This is  
>>simply what I choose to use for my SATA drive. I would update the  
>>chipset drivers, format the drive again, and then set the options right  
>>there. XP will not format FAT32 larger than 32GB unless you use  
>>something different to format it. I simply connected the drive  
>>internally and used a Windows 98 Bootdisk.
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