

## Re: PCI bus in Windows 2003

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About 5 or 6 years ago I was having problems when the PC Mfgs were first starting to do IRQ sharing on PCI cards (specifically the NIC and Video). I've not had any problems with it since then. I used to the NIC to be on an IRQ by itself.

It's a long shot but give it a try. I never had problems on a server just some desktops.

If that doesn't fix the problem you're going to have to look at layer 1 networking – the NIC (get a 3C509 or 905?) card or your switch/hub. There's no reason a PCI bus can't move 100bt

"MarcusB" wrote:

Hi,  
Thank fo answer.  
I have similar problem on desktop computer. Where the system is on SCSI disk, and it have extra IDE and SATA disk. It is working until you try to copy a lot of data via the network (realtek ntwork card).  
When I changed network card to work on 10Mbit instead of 100 Mbit the problem is away.  
Dio you know where is the problem. Drivers or PCI bus problem?

MarcusB  
mtstream wrote:

I noticed you've posted this question a number of time without a respons so I'll say what the others are thinking (I don't mean to sound like a jerk with this either – it's a honest answer).

The problem is your hardware configuration – the solution is to change it.

Get a system that was actually designed to be a server. Even if it's a used one – HP, Dell doesn't matter just something that was designed to be a server

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and will use one type of drive (preferably SCSI). Pieced together systems trying to act like a server will always have problems, if it's not this it'll be something else.

"MarcusB" wrote:

We have fileserver running Windows 2003 server with SCSI disks and IDE disks. For extra capacity we added SATA disks. After some days system started to crash with error in logs:

"EventID: 6008  
The previous system shutdown at 8:25:47 AM was unexpected."

The similar situation happen after adding SATA disk and PCI SATA controller to the another fileserver.

Both Systems have Only PCI32 contacts and one is running on Desktop D865GLC motherboard and another on older Pentium III motherboard.

Where the problem could be. Could system crash just because to much data on PCI bus is.

Network card , SATA and SCSI all are running on the same PCI bus.  
Please help me , how to find the solution.  
Most often system crash when somebody is copying data via network to the server.

Marcus