

# PCI: Unable to reserve mem region problem

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*Source:* <http://linux.derkeiler.com/Mailing-Lists/Kernel/2007-09/msg01149.html>

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  - *Date:* Wed, 05 Sep 2007 10:32:38 -0400
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Please CC any response. Thanks.

I am having an issue with a Supermicro h8dce motherboard and failure to recognize a 5th SATA drive after upgrading to Fedora 7.

This motherboard has 8 sata ports that use the sata\_nv driver.

The lack of seeing the 5th SATA drive shows up in 2.6.22 kernels, such as kernel-2.6.22.2-42.fc6 and kernel-2.6.22.1-41.fc7.

The 5th SATA drive can still be detected in 2.6.20 kernels such as kernel-2.6.20-1.2933.fc6 (I am currently using this kernel).

From dmesg, it appears the reason I am not seeing the 5th SATA drive (second SATA controller) is the following error:

```
Aug 30 14:08:03 alcor kernel: sata_nv 0000:80:08.0: Using ADMA mode
Aug 30 14:08:03 alcor kernel: PCI: *Unable to reserve mem region* #6:1000@dfefd000 for device
0000:80:08.0
Aug 30 14:08:03 alcor kernel: ACPI: PCI interrupt for device 0000:80:08.0 disabled
Aug 30 14:08:03 alcor kernel: sata_nv: probe of 0000:80:08.0 failed with error -16
```

sata\_nv that comes with the 2.6.22 kernels appear to be version 3.4 while the older kernels comes with version 3.2 (which work). I contacted Robert Hancock directly about this and he suggested I post an email to LKML.

Motherboard: <http://www.supermicro.com/Aplus/motherboard/Opteron/nForce/H8DCE.cfm>  
Single AMD Opteron(tm) Processor 244  
1 GB of memory.

I can send you the complete dmesg output if you would like.

Thanks!

begin:vcard  
fn:Karl Bellve  
n:Bellve;Karl

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x-mozilla-html:TRUE  
version:2.1  
end:vcard