

## Re: IO-APIC on nforce2 [PATCH] + [PATCH] for nmi\_debug=1 + [PATCH] for idle=C1halt, 2.6.5

**Source:** <http://linux.derkeiler.com/Mailing-Lists/Kernel/2004-05/0809.html>

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**From:** Ross Dickson ([ross\\_at\\_datcreative.com.au](mailto:ross_at_datcreative.com.au))

**Date:** 05/05/04

To: Bartlomiej Zolnierkiewicz <[B.Zolnierkiewicz@elka.pw.edu.pl](mailto:B.Zolnierkiewicz@elka.pw.edu.pl)>, "Allen Martin" <[AMartin@nvidia.com](mailto:AMartin@nvidia.com)>

Date: Wed, 5 May 2004 22:14:38 +1000

On Tuesday 04 May 2004 09:11, Bartlomiej Zolnierkiewicz wrote:

> On Tuesday 04 of May 2004 00:09, Allen Martin wrote:

>> I'm happy to be able to make this information public to the Linux  
>> community. This information has been previously released to BIOS /  
>> board vendors as an appnote, but in the interest of getting a workaround  
>> into the hands of users the quickest we're making it public for possible  
>> inclusion into the Linux kernel.

>

> This is a great news! Below is an untested patch to address this issue.

>

> Cheers.

>

>

> [PATCH] fixup for C1 Halt Disconnect problem on nForce2 chipsets

>

> Based on information provided by "Allen Martin" <[AMartin@nvidia.com](mailto:AMartin@nvidia.com)>.

>

> linux-2.6.6-rc3-bk2-bzolnier/arch/i386/pci/fixup.c | 39 ++++++

> 1 files changed, 39 insertions(+)

>

> diff -puN arch/i386/pci/fixup.c~nforce2\_fix arch/i386/pci/fixup.c

> --- linux-2.6.6-rc3-bk2/arch/i386/pci/fixup.c~nforce2\_fix 2004-05-04 00:27:18.114421672 +0200

> +++ linux-2.6.6-rc3-bk2-bzolnier/arch/i386/pci/fixup.c 2004-05-04 01:02:29.821393416 +0200

> @@ -187,6 +187,39 @@ static void \_\_devinit pci\_fixup\_transpar

> dev->transparent = 1;

> }

>

> +/\*

> + \* Fixup for C1 Halt Disconnect problem on nForce2 systems.

> + \*

> + \* From information provided by "Allen Martin" <