

[PATCH 2.6] Altix – ioc3 serial support

Source: <http://linux.derkeiler.com/Mailing-Lists/Kernel/2005-12/msg05400.html>

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 - *Date:* Fri, 16 Dec 2005 16:33:26 -0600 (CST)
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The following patch adds driver support for a 2 port PCI IOC3-based serial card on Altix boxes:

<ftp://oss.sgi.com/projects/sn2/sn2-update/044-ioc3-support>

```
arch/ia64/configs/gensparse_defconfig | 2
arch/ia64/configs/sn2_defconfig | 2
drivers/serial/Kconfig | 9
drivers/serial/Makefile | 1
drivers/serial/ioc3_serial.c | 2231 ++++++
drivers/sn/Kconfig | 14
drivers/sn/Makefile | 1
drivers/sn/ioc3.c | 851 ++++++
include/asm-ia64/sn/ioc3.h | 241 +++
include/linux/ioc3.h | 93 +
```

This is a re-submission. On the original submission I was asked to organize the code so that the MIPS ioc3 ethernet and serial parts could be used with this driver. Stanislaw Skowronek was kind enough to provide the shim layer for this – thanks Stanislaw. This patch includes the shim layer and the Altix PCI ioc3 serial driver. The MIPS merged ioc3 ethernet and serial support is forthcoming.

Signed-off-by: Patrick Gefre <pfg@xxxxxxx>

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- *Follow-Ups:*
 - ◆ **Re: [PATCH 2.6] Altix – ioc3 serial support**
 - ◇ *From:* Russell King

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