CerfBoard/Cube

* The StrongARM version of the CerfBoard/Cube has been discontinued *

The Intrinsyc CerfBoard is a StrongARM 1110-based computer on a board that measures approximately 2" square. It includes an Ethernet controller, an RS232-compatible serial port, a USB function port, and one CompactFlash+ slot on the back. Pictures can be found at the Intrinsyc website, http://www.intrinsyc.com.

This document describes the support in the Linux kernel for the Intrinsyc CerfBoard.

Supported in this version

- CompactFlash+ slot (select PCMCIA in General Setup and any options that may be required)
- Onboard Crystal CS8900 Ethernet controller (Cerf CS8900A support in Network Devices)
- Serial ports with a serial console (hardcoded to 38400 8N1)

In order to get this kernel onto your Cerf, you need a server that runs both BOOTP and TFTP. Detailed instructions should have come with your evaluation kit on how to use the bootloader. This series of commands will suffice:

```
make ARCH=arm CROSS_COMPILE=arm-linux- cerfcube_defconfig
make ARCH=arm CROSS_COMPILE=arm-linux- zImage
make ARCH=arm CROSS_COMPILE=arm-linux- modules
cp arch/arm/boot/zImage <TFTP directory>
```

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