

# Aph3, Titan and PC104 Interrupts

Gordon, Sep 30, 12:15

Built a new kernel for titans, with a two-line fix that I hope will fix the issue where pc104 interrupts cease to be serviced.

Installed it on Aph3 from Boulder, and rebooted it. It came up and data from the emerald serial ports 5 (TRH24), 6 (TRH51), 7 (Handar) (as well as the sonic on 2) is coming in. Previously the issue was seen within an hour or two. Wait and see...

Didn't work. Emerald data quit after about 1/2 hour. So, then made another small change to the interrupt handler, installed the new kernel and rebooted Aph3 around 12:58 pm. It's been up for about 6 hours and still getting Emerald data, which is longer than it had ever run before, so things might be fixed.

Note that the barometer on port 1 is not reporting, needs a cable.

Gordon, Oct 2

The above attempts didn't fix the problem. Emerald data still died after several hours. It took several more iterations, but I think it has **finally** been fixed.