

Re: i810 BUG summary. Was Re: [SoftwareSuspend-devel] [Announce] 2.1.7 for 2.6.11-rc4

Source: <http://linux.derkeiler.com/Mailing-Lists/Kernel/2005-02/3980.html>

From: Nigel Cunningham (ncunningham_at_cyclades.com)

Date: 02/17/05

To: mhf@berlios.de, FrameBuffer Devel <linux-fbdev-devel@lists.sourceforge.net>

Date: Thu, 17 Feb 2005 15:39:25 +1100

Hi Michael.

Perhaps this belongs with the framebuffer devel guys? I'll copy them now. Antonio et al, have I called it right?

Regards,

Nigel

On Thu, 2005-02-17 at 15:22, mhf@berlios.de wrote:

> *Hi Nigel!*

>

> *On Wednesday 16 February 2005 05:22, Nigel Cunningham wrote:*

> > *Hi Michael.*

> >

> > *On Tue, 2005-02-15 at 22:32, mhf@berlios.de wrote:*

> > > *- Removing intel-agp as well fixes the problem and X*

> > > *can be started alright after resume.*

> >

> > *Did you see Karol's patch? It looks like it should*

> > *improve your situation.*

>

> *It did :-)*

>

> >

> > *Did you get any joy out of the posting to LKML?*

> >

>

> *Yes, Andrew suggested privately that screen should come back*

> *as prior to S3 and Pavel sees the setfont issue as a bug.*

>

> *2.6.11-rc4 i810 bugs:*

>

> *1) Screen comes back in 25 line mode but scroll remains at*

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- > *last set linecount. (also on all other displays tested like*
- > *savage or sis or via.*
- >
- > *2) setfont dies on resume from S3.*
- >
- > *3) A scroll problem in console mode with gentoo portage and*
- > *likely othe apps which scroll lines of random length*
- >
- > *4) With X wo DRM random colored bands flash over the screen*
- > *when running some programs and shellscripts as if it would*
- > *send the data bus instead of video data to the DAC. A*
- > *swsusp2 cycles fixes it until the next S3 cycle.*
- >
- > *5) Then DRM (20050211 snapshot) dies on resume.*
- >
- > *Guess it's time to find an i810 datasheet and go digging.*
- >
- > *Otherwise, No issues seen wrt swsusp 2.1.7 on 2.6.11-rc4.*
- >
- > *Good news is that S3 seems to be quite stable also when*
- > *interleaved with swsusp2. There were no failures.*
- >
- > *Lastly, I'd like to see the ACPI alarm function work to do*
- > *stress testing in a loop:*
- >
- > *1) set alarm to current time + xx sec*
- > *2) enter S3 or S4/swsusp2*
- > *3) on resume triggered by alarm continue from step 1.*
- >
- > *Regards*
- > *Michael*

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