

## Re: Suspend to RAM (FC4)

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*Source:* <http://linux.derkeiler.com/Mailing-Lists/Fedora/2006-01/msg01547.html>

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- *From:* <tla-ml@xxxxxxxxxx>
  - *Date:* Thu, 12 Jan 2006 14:32:39 +0100
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*On Thu Jan 12 4:26 , oleksandr korneta sent:*

Hello,

I'm not sure whether this is the right place to ask, but nevertheless I'll try. Firstly, consider that I am complete novice in installing linux on laptops. Actually, this one is the first.

I'm trying to convince my installation of fc4 to work properly on Compaq Presario v2040us, which is x86\_64 based laptop. Currently I stuck at "suspend to RAM" issue. From all I found googling, it seems that the main problem to overcome is the restoring the backlit of the screen, and it can be fixed by passing the parameter `acpi_sleep=s3_bios` (or `acpi_sleep=s3_mode`) to kernel at boot. After that, there goes the unloading/reloading of kernel modules etc...

That kernel parameter helped me to restore the monitor backlit. But not more than that. When I wake up the computer Everything I see is the following message.

```
Linux!  
RS 480M- TEST BIOS 300/14 BR12240
```

the first line is in yellow :)

The computer shows no reaction on mouse or keyboard. Only immediate poweroff works (holding power button for 5 sec)

to the best of my knowledge "RS 480M" has something to do with the motherboard, at least there is such chipset for athlon64.

The only suspicious thing that I recall that I send the laptop to sleep with  
`#echo mem > /sys/power/state`

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there is the message in console before everything turns off:

acpi interrupt for device 0000:05:09.0 disabled.

I found that:

```
# /sbin/lspci | grep 05:09.0
```

```
05:09.0 CardBus bridge: Texas Instruments PCIxx21/x515 Cardbus Controller
```

I tried to sent the system to sleep mode both manually and by using special script with all this fancy kernel modules reloading and stuff, but the result is the same...

If anyone here got suspend to RAM working and wants to share the experience, any help would be appreciated.

I have make it working on my IBM T30, I use this guide.

[http://www.thinkwiki.org/wiki/How\\_to\\_configure\\_acpid](http://www.thinkwiki.org/wiki/How_to_configure_acpid)

I know it is a ThinkPad site, but there is a lot of information, so maybe you will get some ideas.

Tim Lauridsen

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· *From:* oleksandr korneta

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