

[SLE] Just another Problem with NVIDIA GeForce MX 4000

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To: suse-linux-e@suse.com

Hi!

I've got a NVIDIA GeForce4 MX 4000 card because it's supposed to be "Linux compatible". I have SuSe 9.1 and as suggested I first installed the "Download NVIDIA(r) Graphics Driver" patch with YOU and startet sax2. But sax2 only found a "vesa compatible" card:

```
# sax2 -p
```

```
Chip: 0 is -> VESA Framebuffer Graphics 01:00:0 0x10de 0x0185 AGP fbdev
```

So I tried the 6629-Driver from from the nvidia-homepage, but to no avail. Then I replaced the 'Driver "vesa"' line in /etc/X11/XF86Config with 'Driver "nvidia"' but then kdm and even sax2 came up any more (the system hangs with a black screen, even Ctrl+Alt+Bksp don't work. But when I try Ctrl+Alt+Del a messed up NVIDIA splash screen appears after some time and then the system reboots). I needed to use 'sax2 -l' to be able to start sax2 again.

I read the other posts in this list concerning the MX 4000 problems and tried the 6111-driver as Barrie Hill suggested. I even recompiled the Kernel without the RivaFB-module but to no avail. Now I'm running it as a "Vesa-compatible card", wich makes no sense.

Maybe someone has still an idea? Help would be highly appreciated.

Sincerely

David

Some datas:

```
wu:~ # uname -a
```

```
Linux wu 2.6.5-7.111.30-default #2 Thu Jan 27 01:25:26 CET 2005 i686
```

```
athlon i386 GNU/Linux
```

```
wu:~ # rpm -q XFree86
```

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```
XFree86-4.3.99.902-43.28  
wu:~ # rpm -q XFree86-server-glx  
XFree86-server-glx-4.3.99.902-40
```

/var/log/messages when I try to start sax2 and then reboot with
Ctrl+Alt+Del after I got a blank screen:

```
Jan 30 21:41:20 wu kernel: nvidia: module license 'NVIDIA' taints kernel.  
Jan 30 21:41:20 wu kernel: NVRM: loading NVIDIA Linux x86 NVIDIA Kernel  
Module 1.0-6111 Tue Jul 27 07:55:38 PDT 2004  
Jan 30 21:41:21 wu kernel: agpgart: Found an AGP 3.5 compliant device at  
0000:00:00.0.  
Jan 30 21:41:21 wu kernel: agpgart: Putting AGP V3 device at  
0000:00:00.0 into 8x mode  
Jan 30 21:41:21 wu kernel: agpgart: Putting AGP V3 device at  
0000:01:00.0 into 8x mode  
Jan 30 21:41:21 wu kernel: agpgart: Found an AGP 3.5 compliant device at  
0000:00:00.0.  
Jan 30 21:41:21 wu kernel: agpgart: Putting AGP V3 device at  
0000:00:00.0 into 8x mode  
Jan 30 21:41:21 wu kernel: agpgart: Putting AGP V3 device at  
0000:01:00.0 into 8x mode  
Jan 30 21:42:11 wu init: Switching to runlevel: 6  
Jan 30 21:42:18 wu kernel: nfsd: last server has exited  
Jan 30 21:42:18 wu kernel: nfsd: unexporting all filesystems  
Jan 30 21:42:18 wu rpc.mountd: Caught signal 15, un-registering and exiting.  
Jan 30 21:42:18 wu sshd[2775]: Received signal 15; terminating.  
Jan 30 21:42:23 wu kernel: Kernel logging (proc) stopped.  
Jan 30 21:42:23 wu kernel: Kernel log daemon terminating.  
Jan 30 21:42:24 wu exiting on signal 15
```

Maybe relevant part of dmesg:

```
Linux agpgart interface v0.100 (c) Dave Jones  
agpgart: Detected SiS 741 chipset  
agpgart: Maximum main memory to use for agp memory: 439M  
agpgart: AGP aperture is 64M @ 0xd0000000
```

```
wu:/var/log # tail nvidia-installer.log  
  executing: '/sbin/depmod -aq'...  
-> done.  
-> Driver file installation is complete.  
-> Running post-install sanity check:  
-> done.  
-> Sanity check passed.  
-> Shared memory test passed.  
-> Installation of the NVIDIA Accelerated Graphics Driver for Linux-x86  
  (version: 1.0-6111) is now complete. On SuSE Linux/United Linux  
please use  
  SaX2 now to enable the NVIDIA driver.
```

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If you need more information/log files I can post it or send to you directly.

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