

## Re: More Problems with ATI Radeon 7200 – (EE) No devices detected.

*Source:* <http://linux.derkeiler.com/Mailing-Lists/Debian/2005-02/0763.html>

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*Date:* 02/06/05

Date: Sat, 5 Feb 2005 16:05:18 -0800 (PST)

To: [debian-user@lists.debian.org](mailto:debian-user@lists.debian.org)

Hello–

I compared our `lspci -v` output:

- > *0000:01:00.0 VGA compatible controller: ATI*
- > *Technologies Inc Radeon R100*
- > *QD [Radeon 7200] (prog-if 00 [VGA])*

Mine is residing at 0000:00:13.0 – I entered the bus as PCI:00:13:0

- > *Subsystem: ATI Technologies Inc Radeon*
- > *7000/Radeon*

Same.

- > *Flags: bus master, VGA palette snoop,*
- > *stepping, 66MHz, medium*
- > *devsel, latency 64, IRQ 16*

No VGA palette snoop on mine and IRQ is 11.

- > *Memory at d8000000 (32-bit, prefetchable)*
- > *[size=128M]*
- > *I/O ports at c000 [size=256]*
- > *Memory at e5000000 (32-bit,*
- > *non-prefetchable) [size=512K]*
- > *Capabilities: [58] AGP version 2.0*
- > *Capabilities: [50] Power Management version 2*

No mention of AGP version 2.0 in mine. There is also mention of Expansion ROM 128k which is disabled.

- > *Do you make sure that the radeon module is loaded,*
- > *'lsmod|grep radeon'?*

nope...I didn't. I did, and nothing happened. So, perplexed, I just typed lsmod, and didn't see anything about the PCI/AGP ports at all.

Here is my XF86Config–4 file

Section "Files"

```
FontPath "unix:/7100" # local font server
# if the local font server has problems, we can fall
back on these
FontPath "/usr/lib/X11/fonts/misc"
FontPath "/usr/lib/X11/fonts/cyrillic"
FontPath "/usr/lib/X11/fonts/100dpi:unscaled"
FontPath "/usr/lib/X11/fonts/75dpi:unscaled"
FontPath "/usr/lib/X11/fonts/Type1"
FontPath "/usr/lib/X11/fonts/CID"
FontPath "/usr/lib/X11/fonts/Speedo"
FontPath "/usr/lib/X11/fonts/100dpi"
FontPath "/usr/lib/X11/fonts/75dpi"
EndSection
```

Section "Module"

```
Load "GLcore"
Load "bitmap"
Load "dbe"
Load "ddc"
Load "dri"
Load "extmod"
Load "freetype"
Load "glx"
Load "int10"
Load "record"
Load "speedo"
Load "type1"
Load "vbe"
EndSection
```

Section "InputDevice"

```
Identifier "Generic Keyboard"
Driver "keyboard"
Option "CoreKeyboard"
Option "XkbRules" "xfree86"
Option "XkbModel" "pc104"
Option "XkbLayout" "us"
EndSection
```

Section "InputDevice"

```
Identifier "Configured Mouse"
Driver "mouse"
Option "CorePointer"
Option "Device" "/dev/psaux"
```

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```
Option "Protocol" "PS/2"
EndSection
Section "InputDevice"
    Identifier "Generic Mouse"
    Driver "mouse"
    Option "SendCoreEvents" "true"
    Option "Device" "/dev/input/mice"
    Option "Protocol" "ImPS/2"
EndSection

Section "Device"
    Identifier "ATI Radeon 7200"
    Driver "ati"
    BusID "PCI:00:13:0"
EndSection

Section "Monitor"
    Identifier "Gateway EV500"
    HorizSync 30–69
    VertRefresh 50–110
    Option "DPMS"
EndSection

Section "Screen"
    Identifier "Default Screen"
    Device "ATI Radeon 7200"
    Monitor "Gateway EV500"
    DefaultDepth 24
    SubSection "Display"
        Depth 1
        Modes "800x600" "640x480"
    EndSubSection
    SubSection "Display"
        Depth 4
        Modes "800x600" "640x480"
    EndSubSection
    SubSection "Display"
        Depth 8
        Modes "800x600" "640x480"
    EndSubSection
    SubSection "Display"
        Depth 15
        Modes "800x600" "640x480"
    EndSubSection
    SubSection "Display"
        Depth 16
        Modes "800x600" "640x480"
    EndSubSection
    SubSection "Display"
        Depth 24
        Modes "800x600" "640x480"
```

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EndSubSection  
EndSection

Section "ServerLayout"  
  Identifier "Default Layout"  
  Screen "Default Screen"  
  InputDevice "Generic Keyboard"  
  InputDevice "Configured Mouse"  
  InputDevice "Generic Mouse"  
EndSection

Section "DRI"  
  Mode 0666  
EndSection

<snip other XF86Config-4 file>

> *This layout works for me, compare it to yours, I am  
> quite certain that  
> there should only be a configuration error.*

It doesn't seem too different to my untrained eye.  
What do you suggest I change??

Thanks in advance.

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