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driver for intel graphics 4400

Author

8-10 minutes

 **Topic: driver for intel graphics 4400 (Read 2219 times)**

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hi i've an intel hd graphics 4400 on my notebook (i've this cpu intel i5-4200U) and i've installed this driver:

Graphics: Card: Intel Haswell-ULT Integrated Graphics Controller

Display Server: X.Org 1.17.2

driver: intel

Resolution: 1366x768@60.06hz

GLX Renderer: Mesa DRI Intel

Haswell Mobile

GLX Version: 3.0 Mesa 10.6.3

but when i see some videos or i scroll a webpage fast there is like an horizontal "line" on the half of my screen...i don't know how explain..that's not a hardware problem because on windows i don't have this..so i thought that was wrong driver. there is other video driver that can i try?



Logged

I have a desktop Haswell i5 and a mobile Ivy Bridge i5. You have the correct driver, but X may not be configuring it correctly. Search on the terms SNA and UXA and see if you come up with something that applies to your situation.

It could also be a compositing issue. You might want to look into that.

You can try the basic vesa driver, but there is no hardware acceleration and it doesn't support all resolutions. I don't know about yours.

Other than that, you need to supply much more information, especially what kind of desktop/display manager you are running



Logged

-- systemd free, by design --

Try Manjaro OpenRC Edition for a Poettering free experience.

Whether SNA or UXA is somewhat DE-dependent--don't mess with it in GNOME, for instance, but that's not true with KDE.

What is very relevant is your kernel. I run an Intel HD4400 on a Haswell i7 4510U chipset, and it is very picky about kernels, I just found out.

1. You don't have to install any drivers--mhwd did that for you when you installed Manjaro. If you installed any drivers

subsequently, that may very well be the culprit.

2. Running dmesg was a great help to me finding a kernel that plays nice. FadeMind replied to a post yesterday and explained a users output that was very helpful--you might search on his post.

P.S. I found the 3.18 lts kernel works well with my chipset. As does 4.1.4-1.

« *Last Edit: 06. August 2015, 16:16:42 by c00ter* »



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i've xfce as DE and i not install new driver so it's installed like

mhwd did.

this is my dmesg : <http://pastebin.com/19vdA56c>

i also change to UXA now, tonight i test some videos...

i see that with UXA flash video are slow...it's possible?

« *Last Edit: 06. August 2015, 20:13:11 by tafazzi87* »



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it seems solved but now with UXA flash video are very very slow....



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I would strongly suggest you a) goto the 3.18 lts kernel, and b) change Xorg back to sna. In your present state--if you care to do so--run glxgears in a terminal and you will see why your present kernel + uxa is the culprit.

Look, I've spent the better part of two days in both Manjaro and Arch, in various DEs, read all the pertinent Manjaro, Arch, & reddit forum posts, Googled, installed, updated, swapped, and Xorged up the rear. 3.18.xx-lts MANJARO and 4.1.4-1 ARCH kernels work very well with this i7-4510U Haswell/HD4400 combo. With Xorg using the default sna, no tear-free, (no Xorg config needed in GNOME3 if using the default Wayland).

You don't have to take my word for it. But you might want to. ;) ;)

« *Last Edit: 07. August 2015, 11:07:51 by c00ter* »



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Screen tearing, the horizontal "line". Have you tried to do the following:

file: /etc/environment

CLUTTER_PAINT=disable-clipped-redraws:disable-culling

CLUTTER_VBLANK=True

```
file: /etc/X11/xorg.conf.d/20-intel.conf
Section "Device"
    Identifier "Intel Graphics"
    Driver      "intel"
    Option      "TearFree"      "true"
    Option      "SwapbuffersWait" "true"
    Option      "AccelMethod"   "sna"
EndSection
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i not have this file : /etc/X11/xorg.conf.d/20-intel.conf
i've to create it?



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No you would edit the /etc/X11/mhwd.d/intel.conf file. Manjaro uses it's own MHWD for configuring the graphics cards.

Do as cooter suggested, but for now just change Xorg back to sna.

To fix video acceleration for videos you'll need to install these packages.

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sudo pacman -S libva-intel-driver libva-mesa-driver gstreamer-vaapi
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May I ask what DE did you install (XFCE, Plasma 5, Gnome3, etc.)?



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AJ, I think he mentioned Xfce.

OP, AJ's posts above should take it about as far as possible towards smoother videos, absent any running apps/utilities that might interfere (such as copying a file while watching a movie with VLC.). 4.1.5-1 kernel works well, also...

Regards.



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My apologies, I must have missed where the DE was mentioned.



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