

Re: Is there an Nvidia screen resolution fix for Gnome?

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- *From:* noi ance <noi@xxxxxxxx>
  - *Date:* Sun, 13 Jan 2008 07:12:04 GMT
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On Fri, 11 Jan 2008 02:38:44 +0100, Wolfgang Draxinger typed this message:

noi ance wrote:

Has anyone found a fix for setting the screen resolution with the nVidia drivers in Linux?

I'm having a lot of trouble trying to get Suse 10.3 with Gnome 2.20 to display the 1680x1050@60 lcd screen resolution. It only works with the DVI connection but when that's switched to a VGA connection the resolution reverts to 1024x768@60.

The problem is not related to Gnome, it's just a X11/X.Org thing. Probably the driver reads a wrong EDID from the monitor. Use the "IgnoreEDID" option, to make the driver ignore any hardware detection. Then hardset the resolution you want, eventually by supplying own modelines.

Don't use SAX(2). IMHO this program creates the worst xorg.conf files I can think of.

Wolfgang Draxinger

Wolfgang and other responders, thanks. I tried the "UseEDID" False but that made it worse limiting the resolution to a max 640x480.

Nvidia-Settings for the 169.7 driver is nicer to work with than Sax2 but once the DVI connector is removed it reverts to the CRT and again a blank screen, ie, no signal.

Would setting DPI to 96 fix it? Can I otherwise force display device to the LCD?

Looks like xorg knows it should be 1680x1050

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[snip /var/log/Xorg.0.log]

(\*\*) NVIDIA(0): Option "MetaModes" "DFP: 1680x1050 +0+0; DFP: 1600x1024 +0+0; DFP: 1400x1050 +0+0; DFP: 1280x1024 +0+0; DFP: 1440x900 +0+0; DFP: 1280x960 +0+0; DFP: 1152x864 +0+0; DFP: 1024x768 +0+0; DFP: 800x600 +0+0; DFP: 640x480 +0+0"

(\*\*) NVIDIA(0): Enabling RENDER acceleration

(WW) NVIDIA(GPU-0): Unable to read EDID for display device CRT-1

(II) NVIDIA(0): NVIDIA GPU GeForce 8600 GT (G84) at PCI:2:0:0 (GPU-0)

(--) NVIDIA(0): Memory: 262144 kBytes

(--) NVIDIA(0): VideoBIOS: 60.84.51.00.00

(II) NVIDIA(0): Detected PCI Express Link width: 16X

(--) NVIDIA(0): Interlaced video modes are supported on this GPU

(--) NVIDIA(0): Connected display device(s) on GeForce 8600 GT at PCI:2:0:0:

(--) NVIDIA(0): CRT-1

(--) NVIDIA(0): CRT-1: 400.0 MHz maximum pixel clock

(II) NVIDIA(0): Assigned Display Device: CRT-1

(WW) NVIDIA(0): No valid modes for "DFP:1440x900+0+0"