

Re: Ubuntu 8.10 beta on Asus P5Q-VM board (G45 graphics) partial success, but some questions

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Source: <http://linux.derkeiler.com/Mailing-Lists/Ubuntu/2008-10/msg00680.html>

- *From:* Neil <hok.krat@xxxxxxxxx>
 - *Date:* Wed, 8 Oct 2008 13:17:55 +0200
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On Wed, Oct 8, 2008 at 11:30 AM, Chris G <cl@xxxxxxxxx> wrote:

Well I now have Ubuntu 8.10 beta stable on my new Asus P5Q-VM motherboard with the Intel G45 graphics. The way to prevent X crashing the video was to add:-

Option "NoAccel"

to the Device section of xorg.conf. Since I'm not trying to do any whizzy graphics turning acceleration off doesn't worry me at the moment and no doubt the fixes will come along in due course.

However I'm still stuck with a maximum resolution of 1152x864 and I want to go up to my 'normal' resolution of 1600x1200.

How does X determine what resolutions to show in the Gnome Screen Resolution applet? Presumably it does some sort of display detection.

Currently I have my monitor plugged into the VGA (D-Sub) connector as I have my old desktop system on the DVI-D input of my monitor (that's where I'm typing this). When I tried swapping over to using the DVI-D output of the G45 graphics on my new motherboard it failed to start X at all and switching to a console (CTRL-ALT-<number>) gave me a "mode not supported" on my monitor. So it looks as if the display detection in the Intel/G45 drivers is a bit wonky!

Is there any way to manually get at the results of the display detection - and then put them into the xorg.conf file? I could then use the detection on my old system to get the right values and put them into the new system.

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Chris Green

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Hi there

This may help:

<http://www.linuxquestions.org/questions/linux-hardware-18/force-xorg-to-use-specific-monitor-resolution-disable>

although it is about a Radeon card, and these things may vary across brands.

X uses ddc to detect what resolution is possible with the monitor (as it should). However this seems to fail in a lot of cases, and if you add "option "NoDDC"" to the section about your graphics card it should not use the detected (wrong) values.

Hope it helps

Neil

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There are three kinds of people: Those who can count, and those who cannot count

** Hi! I'm a signature virus! Copy me into your signature, please! **

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