

# Re: How do I Change Native Resolution on Boot Display?

**Source:** <http://linux.derkeiler.com/Newsgroups/alt.os.linux.suse/2004-09/1593.html>

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Date: Fri, 10 Sep 2004 14:07:30 -0700

On Thu, 09 Sep 2004 21:20:23 -0800, Kevin & Theresa Miller  
<atftb@alaska.net> wrote:

|bitbucket@linkline.com wrote:

|  
|> Suse 9.1 pro. Replaced my big tube monitor with a neat bigger flat  
|> panel. Its native resolution is 1280x1024, and it is unforgiving of  
|> anything else. When I boot, it simply bobs a notice around that the  
|> current resolution is not supported. Once xstart fires off, I have a  
|> nice display. The only resolution control that I can find is involved  
|> with the xwindows system, not the basic boot display. X windows works  
|> flawlessly using tweaking tools supplied with the package. The old  
|> monitor let me hit F2 during boot and watch the progress, now that is  
|> not an option.

|>  
|> Anyone know where I should be looking for this setting? I searched  
|> this newsgroup back to last December, and Google, but no luck.

|  
|Was having an entirely different problem but I think the solution is the same in  
|both cases. In /boot/grub/menu.lst change "vga=0x???" to vga=normal). That  
|parameter tells it what resolution to start up at. If you say normal – or even  
|just remove the parameter – it should start up using it's defaults.

|  
That's it Kevin. Rebooted a number of times today to check out the  
optimal settings but can't find one, just that it works now. It was  
set at 0x31a. Changed it to 0x11a and got an error with a list of  
optional modes to select. I tried one, option 9, listed as 0330 (I  
assume that would be 0x330) 132x44 (got to be columns and lines). It  
worked. Ugly, but it worked. Next I tried option 8 which was 030a at  
132x43. Still ugly but worked. Next I tried 'scan' as the option and  
it came up with a whole different set of options. I ended up  
selecting option c, which says it is 0133 at 132x44. Ugly but far  
better than not getting anything. Next time I'll try the 'normal'  
setting and see what that does. I'll search to see if I can find a  
listing of the hex settings for the non-graphical display. Everything  
I have found so far is for the VESA VGA graphics. Apparently the one

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doesn't work for the other.