



FAQ / Application Note

Subject : Addition special LVDS resolution in Linux

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Model Name. All

Rev. A1

Category: General H/W S/W Others, OS-Linux

Purpose: To modify xorg.conf to support special LVDS resolution.

1. Generate xorg.conf :

1.1 After Intrepid installed in text mode by default, reboot and hit <ESC> right before OS boots. This brings up the Grub Menu for boot option.

1.2 From the available modes, select the one ended with "(recovery mode)" then enter to boot.

1.3 Login as root at prompt in text mode.

1.4 Produce the X configuration file according to your own system

X -configure

This generates a file named xorg.conf.new under \$HOME folder of the user.

1.5 Copy the new xorg.conf to and backup the original one

cp /etc/X11/xorg.conf /etc/X11/xorg.conf.viabak

cp \$HOME/xorg.conf.new /etc/X11/xorg.conf

2. Get correct resolution argument:

\$ gtf horizontal_resolution vertical_resolution refresh >> ~/gtf.txt

Ex: gtf 1280 1024 60 >> ~/gtf.txt

3. Modify xorg.conf section.

Example:

Modify xorg.conf :

Section "Monitor"

...

...

Modeline "1280x1024_60.00" 108.88 1280 1360 1496 1712 1024 1025 1060 -HSync +Vsync

Option "PreferredMode" "1280x1024_60.00"

...

EndSection

Modify and addition
configuration in Red.

-End

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