



FAQ / Application Note

Subject : How to rotating display 90 degree in Linux-Ubuntu 8.1

FAQ Document No: H09011

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Model Name. ASM-CX700,ECM-CX700,
EBM-CX700,LPC-1001,LPC-1201

Rev. A1

Category: General H/W S/W Others, Display

Purpose : For special Screen Rotation Support.

1. Get VIA chipset CX700 Graphics driver for Ubuntu 8.1, Version 5.74.33.85a-44597 alpha 2.
File Name: 5.74.33.85a-44597.tar.gz
2. Copy Graphics driver to you storage device.
3. Setup your system and install Ubuntu 8.1 in you storage device successfully.
4. 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.
5. From the available modes, select the one ended with "(recovery mode)" then enter to boot.
6. Login as root at prompt in text mode
7. 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.

- a. #X –configure → generate xorg.conf.new
- b. # cp /etc/X11/xorg.conf /etc/X11/xorg.conf.viabak
cp \$HOME/xorg.conf.new /etc/X11/xorg.conf
- c. #tar xzf 5.74.33.85a-44597.tar.gz –C /.
- d. #cd /5.74.33.85a-44597
- e. #./vinstall
- f. gedit /etc/X11/xorg.conf
Section "Device"
Add Option "Rotate" "CW"
Option "RotateType" "HW"
- g. #reboot

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8. After reboot this system, you could see be rotated screen in your display device

PS. If want rotating 180 degree add Option "Rotate" "CCW"
 If want rotating 270 degree add Option "Rotate" "UD"

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