

SETUP ROBOARD RB-100/RB-110 VGA CARD (VOLARI XGI Z9S) IN UBUNTU

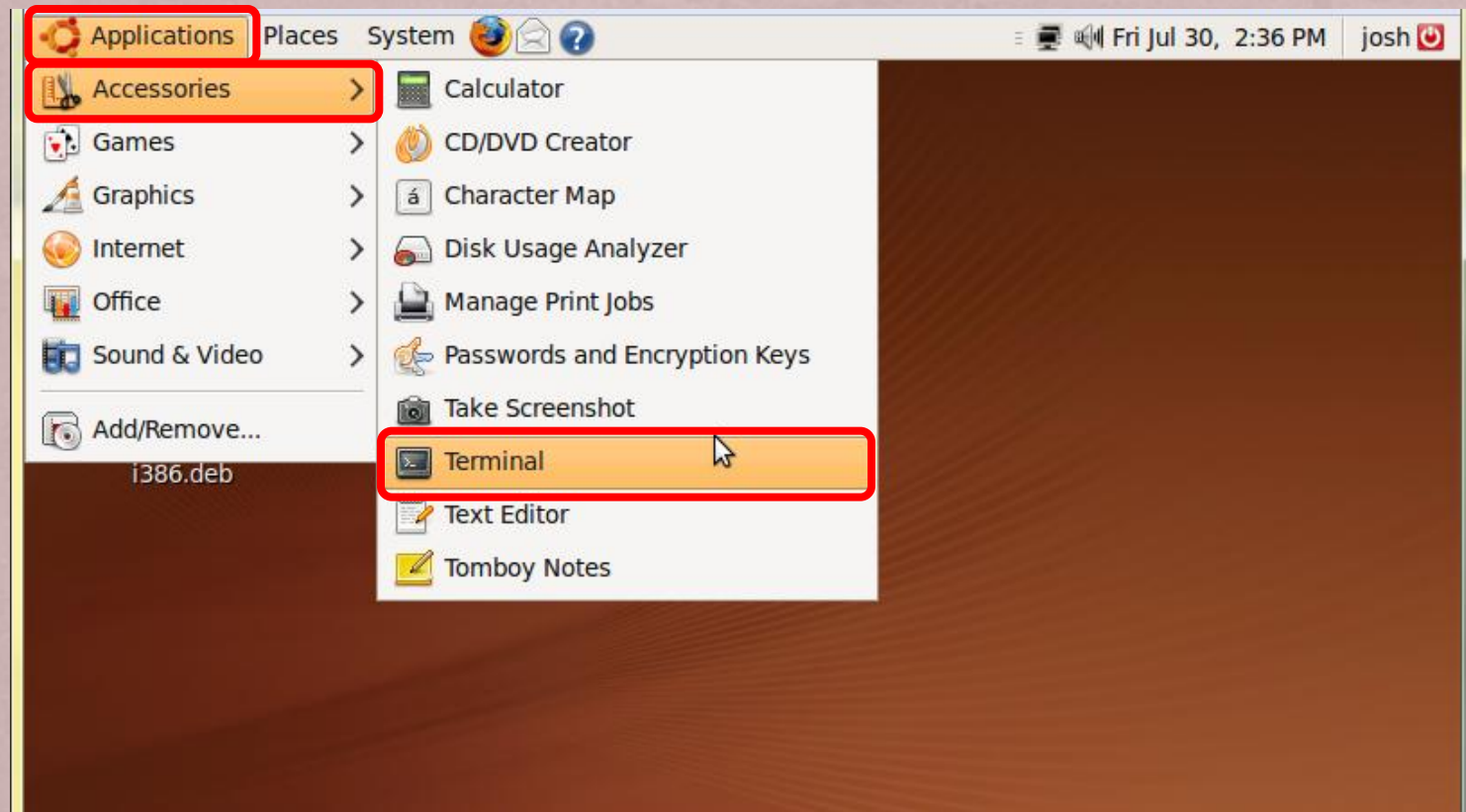
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STEP1.

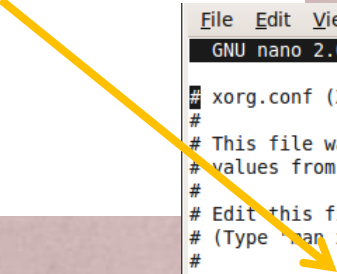
- + Open a Terminal window



STEP2.

- + Type `sudo -i`
- + Type `nano -w /etc/X11/xorg.conf`

```
File Edit View Terminal Help
sudoa@a-laptop:~$ sudo -i
[sudo] password for a:
root@a-laptop:~# nano -w /etc/X11/xorg.conf
```



```
File Edit View Terminal Help
GNU nano 2.0.9 File: /etc/X11/xorg.conf

# xorg.conf (X.Org X Window System server configuration file)
#
# This file was generated by dexconf, the Debian X Configuration tool, using
# values from the debconf database.
#
# Edit this file with caution, and see the xorg.conf manual page.
# (Type "man xorg.conf" at the shell prompt.)
#
# This file is automatically updated on xserver-xorg package upgrades *only*
# if it has not been modified since the last upgrade of the xserver-xorg
# package.
#
# Note that some configuration settings that could be done previously
# in this file, now are automatically configured by the server and settings
# here are ignored.
#
# If you have edited this file but would like it to be automatically updated
# again, run the following command:
# sudo dpkg-reconfigure -phigh xserver-xorg
[ Read 33 lines ]
^G Get Help ^O WriteOut ^R Read File ^V Prev Page ^K Cut Text ^C Cur Pos
^X Exit ^J Justify ^W Where Is ^N Next Page ^U UnCut Text ^T To Spell
```

STEP3.

- + Find the Section "Device" and modify it as below

```
GNU nano 2.0.9          File: /etc/X11/xorg.conf

# again, run the following command:
#  sudo dpkg-reconfigure -phigh xserver-xorg

Section "Device"
    Identifier      "Configured Video Device"
    Driver          "sis"
    VendorName      "Vidioard vendor"
    BoardName       "XGI Volari Z7/Z9"
EndSection
```


STEP4.

- + Find the Section “Monitor” and modify it as below

```
EndSection
```

```
Section "Monitor"
```

```
    Identifier
```

```
        "Configured Monitor"
```

```
    Option
```

```
        "DPMS"
```

```
EndSection
```

STEP 5.

- + Find the Section "Screen" and modify it as below

```
EndSection
```

```
Section "Screen"
```

```
    Identifier      "Default Screen"
```

```
    Monitor        "Configured Monitor"
```

```
    Device         "Configured Video Device"
```

```
    DefaultDepth   24
```

```
    SubSection     "Display"
```

```
        Viewport   0 0
```

```
        Depth      24
```

```
        Modes      "1280x1024" "1024x768" "800x600"
```

```
EndSection
```

STEP 6.

- + Create the Section "ServerLayout" and modify it as below.

```
    Depth      24
    Modes      "1280x1024" "1024x768" "800x600"
EndSection

Section "ServerLayout"
    Identifier   "Default Layout"
    Screen      "Screen0"
EndSection
```

STEP7.

- + Create the Section "DRI" and modify as it below.
- + Press ctrl-x to save & exit the xorg.conf

```
Screen      "Screen0"
EndSection
```

```
Section "DRI"
    Mode 0666
EndSection
```


STEP8.

- + Return to the Terminal window
- + Type **reboot**

```
File Edit View Terminal Help
sudoa@a-laptop:~$ sudo -i
[sudo] password for a:
root@a-laptop:~# nano -w /etc/X11/xorg.conf
root@a-laptop:~# reboot
```

- + It is now complete to setup the XGI Z9 Video driver

THANK YOU

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