The latest fglrx driver supports Radeon 9500+ and the X-series cards up to X1900.

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Disable Composite Extension

The Composite extension is enabled by default, however, *fglrx* does not yet support Composite with DRI. In order to disable Composite you have to edit the *xorg.conf* file:

```
sudo kate /etc/X11/xorg.conf
```

and add these lines at the end of the file:

```
Section "http://en.pardus-wiki.orgExtensions"http://en.pardus-wiki.org
       Option  "http://en.pardus-wiki.orgComposite"http://en.pardus-wiki.org "http://en.pardus-wik
EndSection
```

Another option is to use nano directly from the terminal.

```
sudo nano /etc/X11/xorg.conf
```

Installation

Install the Driver the Pardus Way

```
 sudo pisi it http://paketler.pardus.org.tr/pardus-2007-test/ati-drivers-8.40.4-21-24.pisi
```

Configure the Driver

- Note: An **alternative** to the **aticonfig --initial** command is to edit */etc/X11/xorg.conf* and replace the string "http://en.pardus-wiki.orgati"http://en.pardus-wiki.org with "http://en.pardus-wiki.orgfglrx"http://en.pardus-wiki.org in the "http://en.pardus-wiki.orgDevice"http://en.pardus-wiki.org section. This way you won't lose your old "http://en.pardus-wiki.orgScreen"http://en.pardus-wiki.org and "http://en.pardus-wiki.orgMonitor"http://en.pardus-wiki.org settings. Afterwards you can use aticonfig for setting overlay etc. Another alternative is **aticonfig --initial --force** if you encounter

issues with the first command.

```
sudo aticonfig --initial
```

Then:

```
sudo aticonfig --overlay-type=Xv
```

- Note: Is there an alternative to the previous step?

Finish the Installation

Now save any open document and reboot your system:

```
sudo shutdown -r now
```

- Note: An **alternative** to rebooting is to restart the X Server by pressing your CTRL+ALT+BACKSPACE keys. **But it doesnt work all time**. So a **real restart** of computer is the best way.

Post-Installation Checks

Verifying

Run the following command to check its output to ensure the fglrx driver is installed properly:

```
$ sudo fglrxinfo
display: :0.0  screen: 0
OpenGL vendor string: ATI Technologies Inc.
OpenGL renderer string: ATI MOBILITY RADEON 9600/9700 Series
OpenGL version string: 2.0.6650 (8.40.4)
```

The `OpenGL vendor string` should read **ATI** and not **Mesa**.

If you see a message like 'Xlib: extension "http://en.pardus-wiki.orgXFree86-DRI"http://en.pardus-wiki.org missing on display "http://en.pardus-wiki.org:1.0"http://en.pardus-wiki.org' then you may have to add the following to /etc/X11/xorg.conf:

```
Section "http://en.pardus-wiki.orgExtensions"http://en.pardus-wiki.org
   Option "http://en.pardus-wiki.orgComposite"http://en.pardus-wiki.org "http://en.pardus-wiki.org
EndSection
```

If you didnt add it earlier in this guide.

Additional configure with aticonfig tool

You can even more configure the driver with the **aticonfig** tool.

For example:

- use powerplay option to switch power state for battery friendly or performance mode
- use dual head or one big desktop mode
- turn second monitor on/off on the fly