

[This file is cloned from VesaFB/aty128fb]

What is gxfb?

=====

This is a graphics framebuffer driver for AMD Geode GX2 based processors.

Advantages:

- \* No need to use AMD's VSA code (or other VESA emulation layer) in the BIOS.
- \* It provides a nice large console (128 cols + 48 lines with 1024x768) without using tiny, unreadable fonts.
- \* You can run XF68\_FBDev on top of /dev/fb0
- \* Most important: boot logo :-)

Disadvantages:

- \* graphic mode is slower than text mode...

How to use it?

=====

Switching modes is done using gxfb.mode\_option=<resolution>... boot parameter or using 'fbset' program.

See Documentation/fb/modedb.txt for more information on modedb resolutions.

X11

===

XF68\_FBDev should generally work fine, but it is non-accelerated.

Configuration

=====

You can pass kernel command line options to gxfb with gxfb.<option>. For example, gxfb.mode\_option=800x600@75.

Accepted options:

mode_option	- specify the video mode. Of the form <x>x<y>[-<bpp>][@<refresh>]
vram	- size of video ram (normally auto-detected)
vt_switch	- enable vt switching during suspend/resume. The vt switch is slow, but harmless.

---

Andres Salomon <dilinger@debian.org>