

[This file is cloned from VesaFB/aty128fb]

What is lxfb?

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This is a graphics framebuffer driver for AMD Geode LX 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?

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Switching modes is done using `lxfb.mode_option=<resolution>...` boot parameter or using `'fbset'` program.

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

X11

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XF68_FBDev should generally work fine, but it is non-accelerated.

Configuration

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You can pass kernel command line options to lxfb with `lxfb.<option>`. For example, `lxfb.mode_option=800x600@75`.

Accepted options:

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

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