What is sm712fb?

This is a graphics framebuffer driver for Silicon Motion SM712 based processors.

How to use it?

Switching modes is done using the video=sm712fb:... boot parameter.

If you want, for example, enable a resolution of 1280x1024x24bpp you should pass to the kernel this command line: "video=sm712fb:0x31B".

You should not compile-in vesafb.

Currently supported video modes are:

Graphic modes

bpp	640x480	800x600	1024x768	1280x1024
8	0x301	0x303	0x305	0x307
16	0x311	0x314	0x317	0x31A
24	0x312	0x315	0x318	0x31B

Missing Features

(alias TODO list)

- 2D acceleratrion
- dual-head support