If it comes down to it, I guess I will do whatever it takes to do my hobbies, which means that if I need to learn a little bit more about the interfacing to whatever system I purchase, so be it. If anything, purchasing something that I custom pick will be better because I can filter out for specific features that I want and not be charged extra for features I don’t want. This means a better fit for my specific applications.

-if I need a better board in the future, that is fine I’ll just buy a new board I’ll have the money to do that. Assuming that I’m already working and getting a shitload of case

-The de1-soc seems slightly more overpowered than what I really need. If I get a somewhat scaled down version of it I may be able to scale down the cost and still be satisfied with what I get.

-in quartus if you use a symbol file the ram chip appears as its own thing: a ram CHIP. Nothing where you need to specify the hardware address to access shit. So long as there is a block schematic option for your choice in fpga you can implement the computer of your dreams 😊

**Not purchasing the de1-soc**

Pros

-Primary: Find better fit towards my specific interest

Cons

-Primary: takes more time to research best fit

-Primary: takes more time to research how to use system

**Purchasing the de1-soc**

Pros

-Primary: I don’t have to do any extra research when it comes to finding an FPGA

-primary: I already know how to implement stuff with this board

- its possible that other classes will use this system, thus I can skip lab days, have extra knowledge on how to use this system thus better grade.

-possibly better quality for higher price?

Cons

-primary: Is super expensive

-will need to complete the research process first to determine what software to use to make schematic of computer with, after research process is complete I can get to work on the computer immediately.