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Subject: Re: CB030, A 68030 SBC for hobbyists  
Posted by [plasmo](#) on Fri, 24 Jan 2020 15:05:37 GMT  
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The memory requirement is more consistent with 68030 of the days, 64meg is a lot for a Mac 68030. 16 meg SIMM is so cheap (\$2-3) that is no brainer to put it in CB030. 64 meg is a bit more (~\$10), but I'm making the 16/64/128 meg selection jumper-able so the board can accommodate different size memory with a jumper change.

OK, it does seem FPU is not absolutely required and I'll do without FPU in the first iteration and keep the board cheap.

@tobster, CB030 has an 8-bit I/O expansion port, so I can add Ethernet and other peripherals. I'm going to try the Quad Serial port based on OX16C954 which has very deep FIFO and capable of megabit serial communication.

[https://www.retrobrewcomputers.org/doku.php?id=builderpages: plasmo:quadser](https://www.retrobrewcomputers.org/doku.php?id=builderpages:plasmo:quadser)

@Alan, thanks for suggesting NetBSD, I'll take a look at it, although it will be like a babe-in-the-woods looking under the hood of a broken-down car--I doubt I'll know what I'm looking at.

Bill

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