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Subject: Re: CB030, A 68030 SBC for hobbyists  
Posted by [etchedpixels](#) on Fri, 24 Jan 2020 14:08:39 GMT  
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I did sort of port Linux 5.x to the Tiny68K but the kernel is upwards of 5MB and it was clearly not going to be useful - going back to 2.0.x like 68-Katy did probably makes sense. Also picking a smaller core user space. On the 68K Mac 2.0.x with a user space from that period ran fine on a Mac II with 8MB RAM. It's not just the kernel that has grown hugely, the userspace - particularly the GNU command line tools are horribly bloated and full of features that nobody ever uses or needs but which in a world of gigabytes of RAM might as well be there.

For an MMU capable system given the fact you want it to run in what today is considered miniscule RAM it might actually be easier to use NetBSD.

It's certainly doable though, because it used to work long ago - 8Mb was enough to run X11 plus user space just about.

Alan

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