

Re: a dozen cpu's on a chip

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- *From:* MooseFET <kensmith@xxxxxxxxxx>
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On May 7, 7:48 pm, John Larkin
<jjlar...@xx> wrote:

<http://www.eetimes.com/news/latest/showArticle.jhtml;jsessionid=CESEX...>

I bet we'll see 256 one of these days.

When you get to large numbers of CPUs it seems to make sense to stop making them identical. For servers this would be doubly so. Many of the CPUs won't need to do floating point operations.

It also would make sense to do things like memory moves in the "Memory Mismanagement Unit" since the values don't need to be modified on the way through.

This will make it a lot harder to say how many CPUs are in a chip. If there is only as much hardware as 200 full CPUs but 500 threads can be running at the same time, do you call it 200 or 500 CPUs.

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