

64GB SSD memory in a quarter sized chip

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(PhysOrg.com) -- The world of technology is a lot like Janus. For those of you who slept through the mythology portion of your high school world lit, Janus has two faces, looking in opposite directions, a lot like the recent innovations we have seen. With most tech innovations, things are either getting really big or getting really small. Today, we are going to look at a new bit of technology that falls to the small side of the equation. Foremay, a maker of portable memory tools, has begun to show off its latest micro memory product.

It is an SSD card, named the OC177 DOC, and while that name may still need some tweaking, the product is certainly garnering media attention. The card is, as you have guessed by now, small. It is roughly the size of a US quarter. For those of you without one in your pocket or purse, the dimensions come out to be roughly 22 x 22 x 1.8mm. This SSD can fit either 32GB or 64GB of [flash memory](#), which is fairly impressive. To put that in perspective for you the 64GB [SSD](#) could hold roughly 14000 songs from your iTunes library. It is the same amount of memory as you get on higher capacity tablet PC's.

I know what you're thinking. Storage is great, but what about speed? Data that is slow to be accessed can create a frustrating user experience no doubt. The OC177 DOC isn't the fastest chip on the block, but it does clock in with a speed that is respectable. According to the information being released by the company it has a read speed of roughly 70MB/s and a write speed of 40MB/s.

No word yet on the costs, but you can expect to see the OC177 DOC showing up in devices by the end of the third quarter of 2011.

More information: PDF release: [www.foremay.net/pr/disk-on-chi ...
lest-ssd-foremay.pdf](http://www.foremay.net/pr/disk-on-chip-64gb-ssd-foremay.pdf)

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