
Subject: My First SSD

Posted by [_SSnipe_](#) on Tue, 22 Feb 2011 07:51:59 GMT

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Hey guys, I'm buying my first SSD to replace my western Digital Caviar Black 640GB WD6402AAEX SATA, (I want something faster) but So far it seems newegg has helped me narrow my search between these two (in my proce range) that have a real good read/write speed, but whats the main difference, the specs are identical

<http://www.newegg.com/Product/Product.aspx?Item=N82E16820227542>

<http://www.newegg.com/Product/Product.aspx?Item=N82E16820227550>

From what I read the Vertex 2 has a more updated firmwire that has 50000 I/O's then agility that is 10000, but is it really any difference?

Subject: Re: My First SSD

Posted by [a000clown](#) on Wed, 23 Feb 2011 01:00:29 GMT

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HDD -> SSD = A tangible and noticeable difference for certain/specific things

SSD -> Faster SSD = You won't notice anything different at all unless you're into some seriously heavy workloads

That said, go for the cheaper drive.

More importantly, go with a reliable company that doesn't take advantage and rip off its customers after totally fucking up.

PS: All the next generation controllers are just around the corner so you might wanna hold off for now.

PPS: New SSD's are very susceptible to firmware bugs so current (matured) drives are a safer bet.

Subject: Re: My First SSD

Posted by [nikki6ixx](#) on Wed, 23 Feb 2011 02:09:19 GMT

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Seeing as the Vertex is only five dollars difference after rebate, I'd go with that. Despite OCZ's pulling a fast one on consumers, their support forum is excellent, and the Sandforce controller that these drives use is terrific.

However, if you intend to use this drive as an OS drive, I'd recommend an SSD that is at least

80GB. Otherwise, you'll find yourself continually juggling programs around.

I would also update your chipset drivers. AMD's chipsets have only begun to support TRIM recently. Also, make sure you know how to configure your OS to best support your SSD. A good chunk of research can be done on OCZ's forum.

Subject: Re: My First SSD

Posted by [Caveman](#) on Wed, 23 Feb 2011 09:09:36 GMT

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Wow way to double dip your customers, OCZ. This made a good read.

Subject: Re: My First SSD

Posted by [_SSnipe_](#) on Wed, 23 Feb 2011 15:49:59 GMT

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Good advice guys, I have already ordered the one I posted above (vertex 2),

1)how ever is there anyway to run programs off a separate hdd? just in case? I know some programs will work

2)if not, then maybe I can us this as a backup harddrive for some stuff

3) or if none of the above is worth it, then ill return it but I want to see what you guys who have more experience with this than I has to say about it

Subject: Re: My First SSD

Posted by [EvilWhiteDragon](#) on Wed, 23 Feb 2011 20:55:08 GMT

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I'm pretty happy with my OCZ Vertex 96GB and 2 OCZ Vertex 2 80GB's. I do have to mention though that I only got the V2's after I RMA'ed 4 Vertex 60GB's. I'm not sure, but I got the feeling that RAID0 and about 100 GB in use 24/7 is not a good usage scenario for the Vertex 1's. The Vertex 2's I don't know yet, as I only had those for a couple of weeks and my PSU quit about 1,5 week ago. I've had Vertexes since July 2009, so go figure...

Subject: Re: My First SSD

Posted by [nikki6ixx](#) on Wed, 23 Feb 2011 23:10:24 GMT

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(SSnipe) -BLU3Y3Z- wrote on Wed, 23 February 2011 08:49Good advice guys, I have already ordered the one I posted above (vertex 2),

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It's easy. Just specify the drive letter in 'Disk Management' after installing the SSD, format the drive, then you can create folders in it as you normally would.

For example, I have two SSD's. One is for the OS, the second SSD holds games and software I use often, and then my spinning drives contain programs that I use less often.

Subject: Re: My First SSD

Posted by [a000clown](#) on Thu, 24 Feb 2011 02:56:20 GMT

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EvilWhiteDragon wrote on Wed, 23 February 2011 15:55I'm pretty happy with my OCZ Vertex 96GB and 2 OCZ Vertex 2 80GB's. I do have to mention though that I only got the V2's after I RMA'ed 4 Vertex 60GB's. I'm not sure, but I got the feeling that RAID0 and about 100 GB in use 24/7 is not a good usage scenario for the Vertex 1's.

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SSD's don't (yet) support the TRIM command in RAID configurations, so you're relying purely on the controller's garbage collection.

Also the more spare space you have on the drive the better its performance will be, so it makes sense that you lose performance over time as you fill the drive more and more.

Subject: Re: My First SSD

Posted by [_SSnipe_](#) on Thu, 24 Feb 2011 05:51:57 GMT

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Nice tips guys, but I might put a copy of windows 7 on the ssd and have the os on both so I can us them for separate things

Subject: Re: My First SSD

Posted by [Creed3020](#) on Thu, 24 Feb 2011 17:11:29 GMT

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I just built a new PC for a friend and used that same Vertex 2 60GB. The systems performs amazingly with a Phenom X6. The sandforce based SSDs are excellent and the Vertex 3 is only a short ways away. The performance of the second gen V3 is mind blowing:

Subject: Re: My First SSD

Posted by [Speedy059](#) on Thu, 24 Feb 2011 20:43:22 GMT

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One SSD is rated at 50,000 IOPS and the other is rated at 10,000IOPS...and you ask if there is a difference? Of course there is, the 50,000 IOPS is 4x faster in IOP operations! The more IOPS the faster it is accessing files on the SSD, which is helpful if you have small files being accessed a lot.

Of course if you compare either SSD to a standard 7.2K Hard Drive that is rated at maybe 100-150 IOPS, then it doesn't matter which SSD you get since it will be MUCH faster than that crap Hard Drive you currently have.

(I currently use 8-10 SSD's, and you wont regret it)

Subject: Re: My First SSD

Posted by [EvilWhiteDragon](#) on Fri, 25 Feb 2011 08:56:15 GMT

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a000clown wrote on Thu, 24 February 2011 03:56EvilWhiteDragon wrote on Wed, 23 February 2011 15:55I'm pretty happy with my OCZ Vertex 96GB and 2 OCZ Vertex 2 80GB's. I do have to mention though that I only got the V2's after I RMA'ed 4 Vertex 60GB's. I'm not sure, but I got the feeling that RAID0 and about 100 GB in use 24/7 is not a good usage scenario for the Vertex 1's. The Vertex 2's I don't know yet, as I only had those for a couple of weeks and my PSU quit about 1,5 week ago. I've had Vertexes since July 2009, so go figure...

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Also the more spare space you have on the drive the better its performance will be, so it makes sense that you lose performance over time as you fill the drive more and more.

I know about the loss of performance. That's not really an issue when you tend to reinstall at least each 6 months and got at least 400MB/s transferrates anyway.

But if the drive completely stops working then this is an actual issue, because the performance then is lower than any other drive.
