
Subject: HDD Comparison

Posted by [_SSnipe_](#) on Sun, 18 Sep 2011 03:34:55 GMT

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So I need to get a new HDD to backup my data since my current one is failing, and off tigerdirect.com I can get a WD black caviar 1TB, 7200rpm, 64MB cache and sata 6 for \$79.99 + shipping , well at best buy they have a Seagate barracuda 2TB, 5900 rpm, 32 cache and sata 6 I believe (correct me if im wrong on that one) for \$99.99

This hard drive will be for an enclosure I have that is USB 3.0, and I choose sata 6 since its the new one thats evolving and wont loose speed in my case, however the problem is idk rather to go with the cheaper faster one (WD) or the slower with 1 mor tb of space for a little bit more price, although this is for backing up data, I don't want speed to be affected

What is your guys thoughts on this?

Subject: Re: HDD Comparison

Posted by [R315r4z0r](#) on Sun, 18 Sep 2011 04:31:14 GMT

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How often are you planning on accessing the data? If you only plan to use it to back up every once and a while, I'd go with the slower one with more disk space.

However, if you're planning on going in and out of the drive often, then you should stick with the faster one.

Subject: Re: HDD Comparison

Posted by [Caveman](#) on Sun, 18 Sep 2011 07:17:19 GMT

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If it is just for backup purposes then you might as well get the slower one with more storage. The WD blacks are quick but its not OMG quick like an ssd.

You'd probably notice loading time for games to be better but for copying and storing data there really isn't much point in the black.

Subject: Re: HDD Comparison

Posted by [halo2pac](#) on Sun, 18 Sep 2011 07:38:34 GMT

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If you dont want to loose speed, stick with wd black. but your over 70\$.

Subject: Re: HDD Comparison

Posted by [EvilWhiteDragon](#) on Sun, 18 Sep 2011 11:55:36 GMT

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Any modern HDD will do about 100 to 125 MB/s. Sata II can handle speeds of >250MB/s effectively, so you don't need a SATA III harddrive, as they won't hit that kinds of speeds. For SSD's it's a different game all together, but I guess that's obvious.

Personally I would in this case invest in storage rather than speed, because you'll only hit the 100-125 MB/s when the HDD is connected by USB3 or e-SATA. Since not all PC's have these ports you'll lose the speed benefit when used with a different PC. If you choose storage (albeit a bit slower) then you have something that is usable on all PC's.

Note that I do recommend having an enclosure with USB3 and/or Sata II, because this allows you speeds above 25 MB/s that you can get on USB2.

Remember that the actual HDD speed difference between Sata II/III disks will be very small, if any. Rotationspeed creates a larger difference, but still the effect is rather limited because larger disks also gain higher speeds.

Subject: Re: HDD Comparison

Posted by [_SSnipe_](#) on Sun, 18 Sep 2011 16:54:54 GMT

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Thanks for the feedback guys!
