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*Hard Drive Sector Size . . . Does it Impact Performance?*

This project tested to see if disc sector size affected the performance of the drive. The initial idea was to test this by running throughput tests and application performance tests. The throughput test was automated but for the application performance tests I timed application launch times and functions. After testing I found that the 4k byte drive performed better on the throughput test but the 4k byte drive performed worse on the application performance tests. For the throughout test the 4k byte sector drive performed 11% faster and on the application performance tests it performed 9% slower. So from the users point of view the 4k byte sector drive would be worse than the 512 byte sector drive because the 512 byte drive performed better on the application tests.