

## Cards that are recognised by the EX1 under Firmware v1.11+ in descending write speed.

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Compiled by testing that the card will actually work in an EX1. Then ran CrystalDiskMark v2.2.0

One of the paramters outside of pure speed is how quickly the card can write its Table of contents (TOC).

This is important if you are going from record to pause to record. If the card can sustain high sequential writes

but cannot sustain a random write at high seed, you will get the dreaded "media restore".

	Read Speed Sequential	Write speed	Read Random 512kb	Write	Read Random 4kb	Write
Sony SxS 16GB	74.37	58.9	72.17	12.2	10.04	0.131
Sandisk Ultra II 16GB	18.25	16.31	17.58	3.723	3.282	0.029
Photofast Dual Channel	18.84	14.88	18.71	3.314	4.059	0.033
Transcend 16GB	14.53	9.933	14.61	2.339	3.79	0.025
<b>Cut Off for 720p 45frames Overcrank</b>						
Kingston 16GB - Fast card	18.88 19.52	8.764 8.825	18.81 19.4	2.898 2.722	3.733 3.901	0.029 0.03
<b>Cut- Off for HQ 1080 30p</b>						
Lexar 8GB	23.28	8.464	23.17	2.966	4.561	0.017
Lexar 16GB	23.22	8.493	23.29	2.775	4.562	0.016
Generic 16Gb SSD	22.35	6.626	22.19	2.289	5.089	0.023

ps I tried a whole bunch of other brand and off brand cards, and they either weren't recognised or they couldn't sustain even 25Mb HDV.

I don't really want corporate lawyers after me, so naming brands might not be wise.

Kingston is an interesting case, some are fast enough for overcranking and others are not. After more extensinve testing, we're going to reconsider recommending Kingston, as we can't on balance assert that it will work. - Pity, it is a well made, cheap card. Maybe use it for making a backup of an SxS on site.