

Specification

Model	YSCS-XXX						
Dimensions	CFAST, L42.8mm * W36.4mm * H3.3mm Error±0.5mm						
Interface	SATA 7+17PIN						
Protocol	SATA III (6Gb/s)- with backwards compatibility to SATA II (3Gb/s)						
Supported Systems	Windows 7,Windows 8,Windows 10,Windows Server 2012 R2,RHEL, CentOS,Ubuntu,Linux						
Capacity	16GB	32GB	64GB	128GB	256GB	512GB	1TB
NAND Flash	MLC	MLC	MLC	MLC	TLC	TLC	TLC
Sequential Read (MB/s)	150~200	200~230	400~450	450~500	510~560	520~570	520~570
Sequential Write (MB/s)	30~55	30~55	70~100	150~200	230~280	400~450	480~530
TBW	45TB	90TB	185TB	375TB	250TB	500TB	1000TB
4K Random read(IOPS)	61830(Max)						
4K Random write(IOPS)	61750(Max)						
Input voltage	DC 3.3V±5%						
Power consumption Idle	0.28W(Max)						
Power consumption Active	1.85W(Max)						
Data retention	10 years below 25 degree						
MTBF	2 million hours						
ECC	Hardware BCH ECC capable of correcting errors up to 72bit/1KB						
Features	System automatic bad block management						
Operating Temp.	0°C~70°C						
Storage Temp.	-40°C ~ 85°C						
Humidity	5-95%						



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