

Specification

Model	YSCS-XXXX		
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	8GB	16GB	32GB
NAND Flash	SLC	SLC	SLC
Sequential Read (MB/s)	120~140	210~230	240~260
Sequential Write (MB/s)	40~65	60~85	130~160
TBW	375TB	750TB	1500TB
4K Random read(IOPS)	6000(Max)		
4K Random write(IOPS)	800(Max)		
Input voltage	DC 3.3V±5%		
Power consumption Idle	0.27W(Max)		
Power consumption Active	1.01W(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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