

Specification

Model	YSSDV-XXX		
Dimensions	SATA DOM, L47.8mm * W25.0mm * H9.3mm Error±0.5mm		
Interface	SATA 7PIN		
Protocol	SATA II (3Gb/s)- with backwards compatibility to SATA I (1.5Gb/s)		
Supported Systems	Windows 7,Windows 8,Windows 10,Windows Server 2012 R2,RHEL, CentOS,Ubuntu,Linux		
Capacity	8GB	16GB	32GB
NAND Flash	MLC	MLC	MLC
Sequential Read (MB/s)	70~90	80~100	180~220
Sequential Write (MB/s)	20~30	20~40	60~80
TBW	20TB	45TB	90TB
4K Random read(IOPS)	4100(Max)		
4K Random write(IOPS)	215(Max)		
Input voltage	DC 5V±5%		
Power consumption Idle	0.2W(Max)		
Power consumption Active	0.8W(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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