

Specification

Model	YSSDVP1-XXX			
Dimensions	SATA DOM, L33.6mm * W30.6mm * H4.5mm Error±0.15mm			
Interface	SATA 7PIN			
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	32GB	64GB	128GB	256GB
NAND Flash	3D TLC	3D TLC	3D TLC	3D TLC
Sequential Read (MB/s)	280~320	300~350	450~500	470~520
Sequential Write (MB/s)	100~150	230~280	400~450	400~450
TBW	30TB	60TB	125TB	250TB
4K Random read(IOPS)	58K(Max)			
4K Random write(IOPS)	77K(Max)			
Input voltage	DC 5V±5%			
Power consumption Idle	0.21W(Max)			
Power consumption Active	0.88W(Max)			
Data retention	10 years below 25 degree			
MTBF	2 million hours			
ECC	LDPC			
Features	Power management/TRIM/S.M.A.R.T./NCQ/Wear-leveling			
Operating Temp.	0°C~70°C			
Storage Temp.	-40°C ~ 85°C			
Humidity	5-95%			



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