

Specification					
Model	YSS25S3XXXXXXXXXX				
Dimensions	2.5 inch, L100.4mm * W70.0mm * H7.0mm Error±0.15mm				
Interface	SATA 7+15PIN				
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	64GB	128GB	256GB	512GB	1TB
NAND Flash	MLC	MLC	MLC	MLC	MLC
Sequential Read (MB/s)	270~350	450~490	460~500	510~570	510~570
Sequential Write (MB/s)	65~85	260~320	300~350	400~450	420~480
TBW	185TB	375TB	750TB	1500TB	3000TB
4K Random read(IOPS)	65K(MAX)				
4K Random write(IOPS)	65K(MAX)				
Input voltage	DC 5V+/-5%				
Power consumption Idle	0.4W(MAX)				
Power consumption Active	4.2W(MAX)				
Data retention	10 years below 25 degree				
MTBF	2 million hours				
ECC	Hardware BCH ECC capable of correcting errors up to 66-bit/1KB				
Features	Power management/TRIM/S.M.A.R.T./NCQ/Wear-leveling				
Operating Temp	-20°C ~ 75°C, -40°C ~ 85°C				
Storage Temp	-55°C ~ 105°C				
Humidity	5-95%				



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