

Specification

Model	YSS25G1YDXXXXPNNA			
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	960GB	1.92TB	3.84TB	7.68TB
NAND Flash	YMTC 3D TLC	YMTC 3D TLC	YMTC 3D TLC	YMTC 3D TLC
Sequential Read (MB/s)	560	560	560	560
Sequential Write (MB/s)	540	540	540	540
TBW	1000TB	2000TB	4000TB	8000TB
4K Random read(IOPS)	95K	95K	95K	95K
4K Random write(IOPS)	35K	50K	50K	50K
Input voltage	DC 5V+/-5%			
Power consumption Idle	0.47W(MAX)			
Power consumption Active	4.5W(MAX)			
Data retention	10 years below 25 degree			
MTBF	2 million hours			
ECC	4K Low Density Parity Check(LDPC) ECC			
Features	Power management/TRIM/S.M.A.R.T./NCQ/Wear-leveling			
Operating Temp	0°C ~ 70°C, -20°C ~ 75°C			
Storage Temp	-55°C ~ 95°C			
Humidity	5-95%			



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