

Specification					
Model	YSISXXX-M530				
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	128GB	256GB	512GB	1TB	2TB
NAND Flash	3D TLC	3D TLC	3D TLC	3D TLC	3D TLC
Sequential Read (MB/s)	450~500	500~550	520~570	520~570	520~580
Sequential Write (MB/s)	450~500	470~520	480~540	500~560	510~570
TBW	125TB	250TB	500TB	1000TB	2000TB
4K Random read(IOPS)	91000(Max)				
4K Random write(IOPS)	24500(Max)				
Input voltage	DC 5V±5%				
Power consumption Idle	0.65W(Max)				
Power consumption Active	1.85W(Max)				
Data retention	10 years below 25 degree				
MTBF	2 million hours				
ECC	Low Density Parity Check(LDPC) ECC				
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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