

Specification						
Model	YSSM1M6XXXXXXXXXX					
Dimensions	mSATA, L50.95mm * W30.0mm * H3.5mm Error±0.15mm					
Interface	mSATA 52PIN					
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	16GB	32GB	64GB	32GB	64GB	128GB
NAND Flash	SLC	SLC	SLC	MLC	MLC	MLC
Sequential Read (MB/s)	230~260	400~440	410~450	390~420	400~440	430~500
Sequential Write (MB/s)	80~100	90~110	100~150	50~80	60~100	110~240
TBW	750TB	1500TB	3000TB	90TB	185TB	375TB
4K Random read(IOPS)	12K(MAX)					
4K Random write(IOPS)	19K(MAX)					
Input voltage	DC 3.3V+/-5%					
Power consumption Idle	0.4W(MAX)					
Power consumption Active	1.9W(MAX)					
Data retention	10 years below 25 degree					
MTBF	2 million hours					
ECC	Hardware BCH ECC capable of correcting errors up to 40-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 Hardware BCH ECC capable of correcting errors up to 40-bit/1KB					
Humidity	5-95%					



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