

Specification

Model	YSIMXXX-S220		
Dimensions	mSATA, L50.95mm * W30.0mm * H3.5mm Error±0.15mm		
Interface	mSATA 52PIN		
Protocol	SATA II (3Gb/s)- with backwards compatibility to SATA I (1.5Gb/s)		
Supported Systems	Windows 7,Windows 8,Windows 10,Windows Server 2012 R2,RHEL, CentOS,Ubuntu,Linux		
Capacity	8GB	16GB	32GB
NAND Flash	2D MLC	2D MLC	2D MLC
Sequential Read (MB/s)	80~85	150~170	165~185
Sequential Write (MB/s)	25~35	35~45	60~80
TBW	20TB	45TB	90TB
4K Random read(IOPS)	3686(Max)		
4K Random write(IOPS)	223(Max)		
Input voltage	DC 3.3V±5%		
Power consumption Idle	0.20W(Max)		
Power consumption Active	0.61W(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	System automatic bad block management		
Operating Temp.	0°C~70°C		
Storage Temp.	-40°C ~ 85°C		
Humidity	5-95%		



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