

Specification

Model	YSSN3VXMTXXXEPNNA					
Dimensions	M.2 2280, L80.0mm * W22.0mm * H3.5mm Error±0.15mm					
Interface	M.2 2280 B&M Key					
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	240GB	480GB	960GB	1.92TB	3.84TB	7.68TB
NAND Flash	3D TLC	3D TLC	3D TLC	3D TLC	3D TLC	3D TLC
Sequential Read (MB/s)	550	550	550	550	550	535
Sequential Write (MB/s)	290	520	535	535	535	535
TBW	250TB	500TB	1000TB	2000TB	4000TB	8000TB
4K Random read(IOPS)	85K	95K	98K	98K	98K	75K
4K Random write(IOPS)	10K	18K	20K	22K	24K	10K
DWPD	0.6 DWPD @5 Years					
Input voltage	DC 3.3V+/-5%					
Power consumption Idle	< 0.5W(MAX)					
Power consumption Active	< 4.0W(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 Enterprise-grade					
Storage Temp.	-40°C ~ 85°C					
Humidity	5-95%					



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