

YANSEN 元存® Shenzhen KingSpec Electronics Technology Co., Ltd.

specification

Model	YSS25G1YDXXXXPNNNA			
Dimensions	L100.4mm * W70.0mm * H7.0mm Error±0.15mm			
Form factor	2.5 inch SATA 7+15pin			
Interface	SATA III 6Gbps			
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
4K Random read(IOPS)	95K	95K	95K	95K
4K Random write(IOPS)	35K	50K	50K	50K
TBW	1000TB	2000TB	4000TB	8000TB
Input voltage	DC 5V±5%			
Power consumption Idle	0.47W (MAX)			
Power consumption Active	4.5W (MAX)			
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%			
Warranty/support	3-year warranty with free technical support			