

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

specification

Model	YSISXXX-P330				
Dimensions	2.5 inch L100.4mm * W70.0mm * H7.0mm Error±0.15mm				
Form factor	2.5 SATA				
Interface	SATA3.2 6Gbps				
Capacity	128GB	256GB	512GB	1TB	2TB
NAND Flash	3D TLC	3D TLC	3D TLC	3D TLC	3D TLC
Sequential Read (MB/s)	510~560	510~560	510~560	510~560	510~560
Sequential Write (MB/s)	450~500	460~510	430~480	430~480	500~550
TBW	90TB	185TB	375TB	750TB	1500TB
4K Random read(IOPS)	47K (Max)				
4K Random write(IOPS)	90K (Max)				
Input voltage	DC 5V±5%				
Power consumption Idle	0.18W (Max)				
Power consumption Active	1.15W (Max)				
Data retention	10years below 25 degree				
MTBF	2 million hours				
ECC	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%				
Vibration	80Hz~2000Hz/20G				
Shock	1500G/0.5ms				