

Specification

Model	YSHS-XXX			
Dimensions	Half Slim, L54.0mm * W39.0mm * H4.5mm Error±0.15mm			
Interface	SATA 7+15PIN			
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	32GB	64GB	128GB	256GB
NAND Flash	MLC	MLC	MLC	MLC
Sequential Read (MB/s)	100~150	350~400	400~450	450~500
Sequential Write (MB/s)	80~120	200~250	300~350	320~380
TBW	90TB	185TB	375TB	750TB
4K Random read(IOPS)	52100(Max)			
4K Random write(IOPS)	55500(Max)			
Input voltage	DC 5V±5%			
Power consumption Idle	0.36W(Max)			
Power consumption Active	2.87W(Max)			
Data retention	10 years below 25 degree			
MTBF	2 million hours			
ECC	Hardware BCH ECC capable of correcting errors up to 76bit/1KB			
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%			



Shenzhen KingSpec Electronics Technology Co., Ltd.

Phone: 0755-26985321

URL: www.yansen-ssd.com

Office: 2001, Block C, Minzhi Joint Stock Commercial Center, North Station Community, Minzhi Street, Longhua District, Shenzhen, China, 518000