

## Specification

Model	YSSD3S2XXXXXXXXXX								
Dimensions	SATA DOM, L39.5mm * W25.0mm * H9.3mm Error±0.15mm								
Interface	SATA 7PIN								
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	8GB	16GB	32GB	64GB	16GB	32GB	64GB	128GB	256GB
NAND Flash	SLC	SLC	SLC	SLC	MLC	MLC	MLC	MLC	MLC
Sequential Read (MB/s)	110~140	120~150	220~250	350~400	100~125	200~240	350~380	360~400	400~450
Sequential Write (MB/s)	30~50	50~80	120~150	140~200	25~45	65~85	90~135	100~150	150~200
TBW	375TB	750TB	1500TB	3000TB	45TB	90TB	185TB	375TB	750TB
4K Random read(IOPS)	15K(MAX)								
4K Random write(IOPS)	13K(MAX)								
Input voltage	DC 5V+/-5%								
Power consumption Idle	0.21W(MAX)								
Power consumption Active	1.55W(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	Power management/TRIM/S.M.A.R.T./NCQ/Wear-leveling								
Operating Temp.	-20°C ~ 75°C, -40°C ~ 85°C								
Storage Temp.	-55°C ~ 105°C								
Humidity	5-95%								



**Shenzhen KingSpec Electronics Technology Co., Ltd.**

Phone: 0755-26985321

URL: [www.yansen-ssd.com](http://www.yansen-ssd.com)

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