

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

Model	YSCF6-XXXS		
Dimensions	L42.8mm * W36.4mm * H3.3mm Error±0.5mm		
Form factor	CF 50PIN		
Interface	ATA/ATAPI-7		
Capacity	16GB	32GB	64GB
NAND Flash	SLC	SLC	SLC
Sequential Read (MB/s)	105~110	110~115	110~120
Sequential Write (MB/s)	70~80	80~85	85~90
TBW	710TB	1420TB	2840TB
4K Random read(IOPS)	4000 (64GB)		
4K Random write(IOPS)	700 (64GB)		
Input voltage	DC 3.3V±5%		
Power consumption Idle	0.10W (64GB)		
Power consumption Active	1.15W (64GB)		
Data retention	10years below 25 degree		
MTBF	2 million hours		
ECC	Hardware BCH ECC capable of correcting errors up to 72bit/1KB		
Features	System automatic bad block management		
Operating Temp.	0°C~70°C		
Storage Temp.	-40°C~85°C		
Humidity	5-95%		
Vibration	80Hz~2000Hz/20G		
Shock	1500G/0.5ms		