

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

Model	YSCF2-XXX			
Dimensions	L42.8mm * W36.4mm * H3.3mm Error±0.5mm			
Form factor	CF 50PIN			
Interface	ATA/ATAPI-7			
Capacity	8GB	16GB	32GB	64GB
NAND Flash	MLC	MLC	MLC	MLC
Sequential Read (MB/s)	35~40	40~45	45~50	50~60
Sequential Write (MB/s)	15~20	20~25	25~30	30~35
TBW	10TB	20TB	40TB	85TB
4K Random read(IOPS)	3100 (64GB)			
4K Random write(IOPS)	517 (64GB)			
Input voltage	DC 3.3V±5%			
Power consumption Idle	0.29W (64GB)			
Power consumption Active	0.99W (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			