

## specification

Model	YS40V2-XXX			
Dimensions	L59.4mm * W27.45mm * H8.36mm Error±0.5mm			
Form factor	40Pin IDE			
Interface	ATA/ATAPI-7			
Capacity	8GB	16GB	32GB	64GB
NAND Flash	MLC	MLC	MLC	MLC
Sequential Read (MB/s)	40~50	45~55	55~65	60~70
Sequential Write (MB/s)	10~25	20~30	30~40	35~45
TBW	10TB	20TB	40TB	85TB
4K Random read(IOPS)	3800 (64GB)			
4K Random write(IOPS)	438 (64GB)			
Input voltage	DC 5V±5%			
Power consumption Idle	0.38W (64GB)			
Power consumption Active	1.75W (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℃~70℃			
Storage Temp.	-40℃~85℃			
Humidity	5-95%			
Vibration	80Hz~2000Hz/20G			
Shock	1500G/0.5ms			