

## Specification

Model	YS40V2-XXXX		
Dimensions	IDE DOM, L59.4mm * W27.45mm * H8.36mm Error±0.5mm		
Interface	40PIN IDE DOM		
Protocol	ATA/ATAPI-7		
Supported Systems	Windows 7,Windows 2003,Windows 2008,DOS,Linux,unix		
Capacity	4GB	8GB	16GB
NAND Flash	SLC	SLC	SLC
Sequential Read (MB/s)	40~50	90~100	100~110
Sequential Write (MB/s)	25~35	60~75	70~85
TBW	185TB	375TB	750TB
4K Random read(IOPS)	3200(Max)		
4K Random write(IOPS)	620(Max)		
Input voltage	DC 5V±5%		
Power consumption Idle	0.16W(Max)		
Power consumption Active	1.60W(Max)		
Data retention	10 years 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%		



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