

## Specification

Model	YSPA25-XXXX			
Dimensions	2.5 inch, L100.2mm * W69.8mm * H9.0mm Error±0.5mm			
Interface	PATA 44PIN			
Protocol	ATA/ATAPI-7			
Supported Systems	Windows 7,Windows 2003,Windows 2008,DOS,Linux,unix			
Capacity	8GB	16GB	32GB	64GB
NAND Flash	SLC	SLC	SLC	SLC
Sequential Read (MB/s)	80~100	90~110	95~115	105~120
Sequential Write (MB/s)	40~70	70~90	75~95	80~100
TBW	375TB	750TB	1500TB	3000TB
4K Random read(IOPS)	4000(Max)			
4K Random write(IOPS)	700(Max)			
Input voltage	DC 5V±5%			
Power consumption Idle	0.10W(Max)			
Power consumption Active	1.15W(Max)			
Data retention	10 years below 25 degree			
MTBF	2 million hours			
ECC	Hardware BCH ECC capable of correcting errors up to 76bit/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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