

## Specification

Model	YSPA25-XXX				
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	16GB	32GB	64GB	128GB	256GB
NAND Flash	MLC	MLC	MLC	MLC	MLC
Sequential Read (MB/s)	45~55	55~65	60~70	70~80	80~110
Sequential Write (MB/s)	20~30	30~40	35~45	40~50	50~80
TBW	45TB	90TB	185TB	375TB	750TB
4K Random read(IOPS)	3120(Max)				
4K Random write(IOPS)	472(Max)				
Input voltage	DC 5V±5%				
Power consumption Idle	0.45W(Max)				
Power consumption Active	1.75W(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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