

Specification

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|--------------------------|---|--------|---------|
| Model | YSSDV-XXXX | | |
| Dimensions | SATA DOM, L47.8mm * W25.0mm * H9.3mm Error±0.5mm | | |
| Interface | SATA 7PIN | | |
| Protocol | SATA II (3Gb/s)- with backwards compatibility to SATA I (1.5Gb/s) | | |
| Supported Systems | Windows 7,Windows 8,Windows 10,Windows Server 2012 R2,RHEL, CentOS,Ubuntu,Linux | | |
| Capacity | 8GB | 16GB | 32GB |
| NAND Flash | SLC | SLC | SLC |
| Sequential Read (MB/s) | 80~105 | 90~110 | 180~220 |
| Sequential Write (MB/s) | 55~75 | 60~80 | 70~80 |
| TBW | 375TB | 750TB | 1500TB |
| 4K Random read(IOPS) | 8200(Max) | | |
| 4K Random write(IOPS) | 6000(Max) | | |
| Input voltage | DC 5V±5% | | |
| Power consumption Idle | 0.26W(Max) | | |
| Power consumption Active | 0.8W(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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