

Specification

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|--------------------------|---|-------|--------|-------|-------|-------|-------|
| Model | YSUUDH1XXXXXXXXXX | | | | | | |
| Dimensions | USB DOM, L36.9mm * W26.6mm * H9.6mm Error±0.15mm | | | | | | |
| Interface | USB 9PIN | | | | | | |
| Protocol | SUSB 2.0(480Mbps) | | | | | | |
| Supported Systems | Windows 7,Windows 8,Windows 10,Windows Server 2012 R2,RHEL, CentOS,Ubuntu,Linux | | | | | | |
| Capacity | 8GB | 16GB | 32GB | 8GB | 16GB | 32GB | 64GB |
| NAND Flash | SLC | SLC | SLC | MLC | MLC | MLC | MLC |
| Sequential Read (MB/s) | 25~30 | 25~30 | 25~35 | 25~30 | 25~30 | 25~30 | 25~35 |
| Sequential Write (MB/s) | 10~16 | 11~17 | 12~18 | 8~15 | 10~15 | 10~20 | 10~25 |
| TBW | 375TB | 750TB | 1500TB | 20TB | 45TB | 90TB | 185TB |
| 4K Random read(IOPS) | 1700(MAX) | | | | | | |
| 4K Random write(IOPS) | 1100(MAX) | | | | | | |
| Input voltage | DC 5V+/-5% | | | | | | |
| Power consumption Idle | 0.02W(MAX) | | | | | | |
| Power consumption Active | 0.68W(MAX) | | | | | | |
| Data retention | 10 years below 25 degree | | | | | | |
| MTBF | 2 million hours | | | | | | |
| ECC | Hardware BCH ECC capable of correcting errors up to 66-bit/1KB | | | | | | |
| Features | Power management/TRIM/S.M.A.R.T./NCQ/Wear-leveling | | | | | | |
| Operating Temp. | -20°C ~ 75°C, -40°C ~ 85°C | | | | | | |
| Storage Temp. | -55°C ~ 105°C | | | | | | |
| Humidity | 5-95% | | | | | | |



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