HS-SSD-E100



Introduction

The E100 series solid state drive is developed from years of experience and expertise on storage technology and flash memory management. This product is specialized for optimization of computer operating systems and offers stable and fast data service by accelerating startup and performance.

Features

- High R/W Speed SATA 3.0

Read speed up to 560 MB/s

- 3D NAND Technology

3D NAND technology helps to develop higher capacity, performance, and stability

- Vibration resistantstructure

Free of mechanical structure, electronic chip control for better data safety.

- Smart firmware

Through the SSD management tool, support dynamic SLC opening and closing, support OP adjustable, to meet the needs of multiple scenarios.

Ordering Information

Capacity	Model
128 GB	HS-SSD- E100 128G
256 GB	HS-SSD- E100 256G
512 GB	HS-SSD- E100 512G
1024 GB	HS-SSD- E100 1024G
2048 GB	HS-SSD- E100 2048G
4096 GB	HS-SSD- E100 4096G

Note

Please contact the local sales for detailed model information.

Specification

Model	E100 series					
Capacity	128GB	256GB	512 GB	1024 GB	2048 GB	4096 GB
Form Factor	2.5 - inch SATA					
Max. Seq. Read	550	550	550	560	560	510
Max. Seq. Write	430	450	480	500	520	460
Max. Ran 4 K Read (IOPS)	58K	60K	63K	64K	87K	68K
Max. Ran 4 K Write (IOPS)	66K	68K	72K	74K	72K	76K
Max. Power Consumption	1.6 W	1.8 W	2.9 W	3.2 W	3.5 W	3.7 W
TBW	60TB	120TB	240TB	480TB	960TB	1920TB
MTBF	1,500,000 hours					
Storage Medium	3D NAND					
Interface	SATA					
Working Temperature	0 °C to 70 °C (32 °F to 158 °F)					
Storage Temperature	-40 °C to 85 °C (-40 °F to +185 °F)					
TRIM	Supports					
Warranty	3 years					
Weight	⩽ 45 g					

Note

1. Specifications are subject to change without notice.
2. 1 MB=1,000,000Bytes, 1 GB=1,000,000,000Bytes, Unformatted Capacity. User accessible capacity may vary depending on operating environment and formatting.
3. Operating Temperature (0 °C ~70 °C) is subject to SSD's S.M.A.R.T. display.

Revision History

Version	Description	Date
V1.0.0	Preview	20210124
V1.1.0	Add 2048G、4096G Capacity Data	20221108

Data subject to change without notice.

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