CITY series： 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 interface

Max. read speed up to 560 MB/s

- 3D NAND Technology

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

- Vibration resistant structure

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

- Application Field

Applicable to personal computers, laptops, PS4, etc.

Ordering Information

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

Note

Please contact the local sales for detailed model information.

Specification

Model	CITY series： E100				
Capacity	128GB	256GB	512GB	1024GB	2048GB
Form Factor	2.5 inch				
Max. Seq. Read	550 MB/s	550 MB/s	550 MB/s	560 MB/s	560MB/s
Max. Seq. Write	430 MB/s	450 MB/s	480 MB/s	500MB/s	520MB/s
Max. Ran 4 K Read (IOPS)	60K	60K	65 K	65 K	87K
Max. Ran 4 K Write (IOPS)	65K	70K	70 K	75 K	72K
Max. Power Consumption	1.6W	1.8W	2.9W	3.2W	3.5 W
TBW	60TB	120TB	240TB	480TB	960TB
MTBF	2000,000 hours				
Storage Medium	3D TLC				
Interface	SATAIII				
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	≤36.8g				

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.
4. Performance may vary depending on SSD's firmware, system hardware configuration and other factors.
5. This product is not recommended for Mobile DVR/NVR.

Revision History

Version	Description	Date
V1.0.0	CITY series： E100	20220224
V1.0.1	Slogan change	20220726

Data subject to change without notice.

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