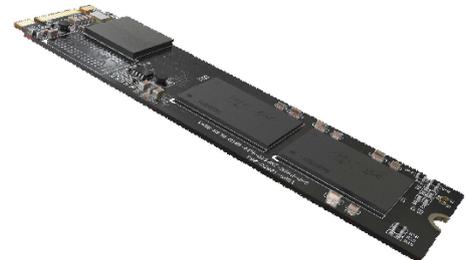


CITY series: E100N

Introduction

The E100N 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, etc.

Ordering Information

Capacity	Model
E100N 128G	HS-SSD-E100N
E100N 256G	HS-SSD-E100N
E100N 512G	HS-SSD-E100N
E100N 1024G	HS-SSD-E100N

Note

Please contact the local sales for detailed model information.

Specification

Model	CITY series: E100N			
Capacity	128GB	256GB	512GB	1024GB
Form Factor	M.2 2280			
Max. Seq. Read	550 MB/s	560 MB/s	560 MB/s	560 MB/s
Max. Seq. Write	440 MB/s	480 MB/s	500 MB/s	510MB/s
Max. Ran 4 K Read (IOPS)	40K	85K	90 K	90 K
Max. Ran 4 K Write (IOPS)	70K	70K	75 K	75 K
Max. Power Consumption	2.5W	2.5W	2.5W	2.5W
TBW	35TB	70TB	140TB	280TB
MTBF	1500,000 hours			
Storage Medium	3D NAND			
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	≤5.4g			

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	CITY series: E100N	20220224

Data subject to change without notice.

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The Manual includes instructions for using and managing the Product. Pictures, charts, images and all other information hereinafter are for description and explanation only. The information contained in the Manual is subject to change, without notice, due to firmware updates or other reasons. Please find the latest version of this Manual at the HIKSTORAGE website (www.hiksemitech.com).