

## HS-SSD-E1000



### Introduction

Relying on the security background of Hikvision, we are committed to developing the four major businesses of solid state drives, memory cards, private network disks, and mobile storage, with a sound supply chain system and perfect after-sales process. On the technology side, HS-SSD-E1000 adopts the advanced SSD controller and 3D NAND Flash, and coordinates with HIKVISION's self-designed NAND Flash management firmware to ensure the read/write speed and data safety.

On the production side, HS-SSD- E1000 adopts the good quality 3D NAND Flash and BGA , and is manufactured by the automatic production line. It has been tested according to the standard of video surveillance server, so that it offers better stability.

HS-SSD- E1000 series SSDs are widely used in personal computers, game consoles and other devices to provide stable services for target systems.

### Features

- High R/W Speed    PCIe interface

Max. read speed up to 2465 MB/s

- 3D NAND Technology

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

- Anti-shock and anti-fall

No mechanical structure, using electronic chip control, data more secure.

- Smart firmware

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

- Application Field

Applicable to personal computers, laptops, PS4, etc.

### Ordering Information

Capacity	Model
128 GB	HS-SSD- E1000
256 GB	HS-SSD- E1000
512 GB	HS-SSD- E1000
1024 GB	HS-SSD- E1000



#### Note

Please contact the local sales for detailed model information.

## Specification

Model	HS-SSD- E1000			
Capacity	128GB	256GB	512 GB	1024 GB
Form Factor	M.2 2280			
Max. Seq. Read	1175 MB/s	2265 MB/s	2465 MB/s	2460 MB/s
Max. Seq. Write	700 MB/s	1350 MB/s	2410 MB/s	2475 MB/s
Max. Ran 4 K Read (IOPS)	56 K	110 K	220 K	400 K
Max. Ran 4 K Write (IOPS)	155 K	275 K	380 K	345 K
Max. Power Consumption	1.9W	2.4W	2.6W	3.5W
TBW	91TB	182TB	365TB	730TB
MTBF	1,500,000 hours			
Storage Medium	3D NAND			
Interface	PCIe			
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	≤ 7 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 edition	20210124
V1.0.1	Review passed	20220223

Data subject to change without notice.

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