



HS-SSD-E3000

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-E3000 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- E3000 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- E3000 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 3545 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
256 GB	HS-SSD- E3000
512 GB	HS-SSD- E3000
1024 GB	HS-SSD- E3000

Note

Please contact the local sales for detailed model information.

Specification

Model	HS-SSD- E3000		
Capacity	256GB	512 GB	1024 GB
Form Factor	M.2 2280		
Max. Seq. Read	3230 MB/s	3500 MB/s	3520 MB/s
Max. Seq. Write	1240 MB/s	1800 MB/s	2900 MB/s
Max. Ran 4 K Read (IOPS)	195 K	200 K	195 K
Max. Ran 4 K Write (IOPS)	210 K	155 K	150 K
Max. Power Consumption	1.6W	3.0 W	4.5 W
TBW	112 TB	224 TB	448 TB
MTBF	1,500,000 hours		
Storage Medium	3D TLC		
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	5 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	Formal edition	20210820
V1.0.1	Data change	20211101

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).