

Desire(S) series



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, Desire(S) series 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, Desire(S) series 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.

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

- Anti-shock and anti-fall

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

- Application Field

Applicable to personal computers, laptops, PS4, etc.

Ordering Information

Capacity	Model
Desire(S) 128G	HS-SSD-Desire(S)
Desire(S) 256G	HS-SSD-Desire(S)
Desire(S) 320G	HS-SSD-Desire(S)
Desire(S) 512G	HS-SSD-Desire(S)
Desire(S) 1024G	HS-SSD-Desire(S)



Note

Please contact the local sales for detailed model information.

Specification

Model	Desire(S) series				
Capacity	128GB	256GB	320GB	512GB	1024GB
Form Factor	2.5 inch				
Max. Seq. Read	550 MB/s	550 MB/s	560 MB/s	560 MB/s	560 MB/s
Max. Seq. Write	430 MB/s	450 MB/s	480 MB/s	505 MB/s	520MB/s
Max. Ran 4 K Read (IOPS)	58K	60K	29K	45 K	75 K
Max. Ran 4 K Write (IOPS)	66K	68K	75K	75 K	75 K
Max. Power Consumption	1.6W	1.8W	1.1W	1.4W	1.9W
TBW	60TB	80TB	82TB	84TB	176TB
MTBF	1,500,000 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	≤34.4g				

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	Desire(S) series	20211115
V1.0.1	Increase 128G, 256G capacity	20211202
V1.0.2	Increase 320G capacity	20220516

Data subject to change without notice.

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