



FUTURES series

Introduction

Specifications and performance of HIKSEMI FUTURES series SSD.

HIKSEMI has a sound supply chain system and perfect after-sales process. At the technical level, FUTURES series SSD adopts advanced SSD master control and 3D NAND Flash technology, together with the NAND Flash management software independently developed by HIKSEMI, to ensure read and write speed and data security. At the product level, FUTURES series SSDs use the highest quality 3D NAND Flash and BGA patches, which are produced by automated production lines and tested by Hiksemi's strict standards to ensure stable service. FUTURES series SSD can be widely used in personal computers, game consoles and other devices to provide stable and high-speed services for the target system.

Features

- Extremely fast read and write

PCIe interface with a maximum read speed of 7400 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, PS5, etc.

Ordering Information

Capacity	Model
1024GB	HS-SSD- FUTURES 1024G
2048GB	HS-SSD- FUTURES 2048G



Note

Please contact the local sales for detailed model information.

Specification

Model	FUTURES series	
Capacity	1024GB	2048GB
Form Factor	M.2 2230	
Max. Seq. Read	7400 MB/s	7400 MB/s
Max. Seq. Write	6730 MB/s	6500 MB/s
Max. Ran 4 K Read (IOPS)	1262 K	1035K
Max. Ran 4 K Write (IOPS)	1425K	1100K
Max. Power Consumption	3.6W	4.2W
TBW	1800TB	3600TB
MTBF	2,000,000 hours	
Storage Medium	3D NAND	
Interface	PCIe Gen4x4	
Working Temperature	0 °C to 70 °C (32 °F to 158 °F)	
Storage Temperature	-40 °C to 85 °C (-40 °F to +185 °F)	
Function	AES-256/SM4/TCG-Opal 2.0 Third-generation Agile ECC technology (4K LDPC), end-to-end data protection RAID5 & 6	
Warranty	5 years	
Weight	≤7g	

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	FUTURES series	20231130

Data subject to change without notice.

© 2023 HANGZHOU HIKSTORAGE TECHNOLOGY CO.,LTD. All rights reserved.

Unless otherwise expressly stated herein, HIKSTORAGE does not make any warranties, guarantees or representations, express or implied, regarding to the Manual, any information contained herein.

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).