

# FUTUREX Lite series



## Introduction

Specifications and performance of HIKSEMI FUTUREX Lite series SSD.

HIKSEMI has a sound supply chain system and perfect after-sales process. At the technical level, FUTUREX Lite 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, FUTUREX Lite 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. FUTUREX Lite 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 7300 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.

- Excellent Thermal Control

with heatsink, no worries for sudden performance drops from overheating.

## Ordering Information

Capacity	Model
1024GB	HS-SSD- FUTUREX Lite 1024G
2048GB	HS-SSD-FUTUREX Lite 2048G
4096GB	HS-SSD-FUTUREX Lite 4096G

### Note

Please contact the local sales for detailed model information.

## Specification

Model	FUTUREX Lite series		
Capacity	1024GB	2048GB	4096GB
Form Factor	M.2 2280		
Max. Seq. Read	7000 MB/s	7100 MB/s	7300MB/s
Max. Seq. Write	6000 MB/s	6350 MB/s	6200MB/s
Max. Ran 4 K Read (IOPS)	915 K	875K	868K
Max. Ran 4 K Write (IOPS)	462 K	480 K	603K
Max. Power Consumption	4.9 W	4.9W	4.9W
TBW	750TB	1500TB	3000TB
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	Supports		
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.
4. Performance may vary depending on SSD's firmware, system hardware configuration and other factors.

## Revision History

Version	Description	Date
V1.0.0	FUTUREX Lite series	20230814
V1.0.1	Added 4096GB	20230918

Data subject to change without notice.

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