

# FUTURE Pro series



## Introduction

Specifications and performance of HIKSEMI FUTURE Pro series SSD.

HIKSEMI has a sound supply chain system and perfect after-sales process. At the technical level, FUTURE Pro 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, FUTURE Pro 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. FUTURE Pro 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 7450 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- FUTURE Pro 1024G
2048GB	HS-SSD-FUTURE Pro 2048G
4096GB	HS-SSD-FUTURE Pro 4096G

### Note

Please contact the local sales for detailed model information.

## Specification

Model	FUTURE Pro series		
Capacity	1024GB	2048GB	4096GB
Form Factor	M.2 2280		
Max. Seq. Read	7450MB/s	7440 MB/s	7410MB/s
Max. Seq. Write	5335MB/s	6610 MB/s	6340MB/s
Max. Ran 4 K Read (IOPS)	910 K	1031K	1227K
Max. Ran 4 K Write (IOPS)	1032 K	1045K	1030K
Max. Power Consumption	6.3 W	6.7W	7.9W
TBW	750TB	1500TB	3000TB
MTBF	2,000,000 hours		
Storage Medium	3D TLC		
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)		
Dram	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	FUTURE Pro series	20231013

Data subject to change without notice.

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