

## NEO series: C100

### Introduction

The C100 series solid state drive is developed from years of experience and expertise on storage technology and flash memory management. This product is specialized for optimization of computer operating systems and offers stable and fast data service by accelerating startup and performance.



### 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

- Vibration resistant structure

Free of mechanical structure, electronic chip control for better data safety.

- Application Field

Applicable to personal computers, laptops, PS4, etc.

### Ordering Information

Capacity	Model
C100 120G	HS-SSD-C100
C100 240G	HS-SSD-C100
C100 480G	HS-SSD-C100
C100 960G	HS-SSD-C100
C100 1920G	HS-SSD-C100

#### Note

Please contact the local sales for detailed model information.

## Specification

Model	NEO series: C100				
Capacity	120GB	240GB	480GB	960GB	1920GB
Form Factor	2.5 inch				
Max. Seq. Read	460 MB/s	530 MB/s	550 MB/s	550 MB/s	560 MB/s
Max. Seq. Write	360 MB/s	400 MB/s	470 MB/s	480 MB/s	520MB/s
Max. Ran 4 K Read (IOPS)	20K	30K	60K	65 K	80 K
Max. Ran 4 K Write (IOPS)	45K	50K	70K	70 K	75 K
Max. Power Consumption	1.3W	1.3W	1.6W	1.6W	1.6W
TBW	40TB	80TB	160TB	320TB	640TB
MTBF	2000,000 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	≤36.8g				

### 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	NEO series: C100	20220224

Data subject to change without notice.

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