

## C100 Consumer Solid State Drive (SSD)

### 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.



### Available Model

HS-SSD-C100/120G  
HS-SSD-C100/240G  
HS-SSD-C100/480G  
HS-SSD-C100/960G  
HS-SSD- C100/1920G

### Features and Functions

- **High R/W speed**  
SATA 3.0  
Read speed up to 560 MB/s
- **3D NAND technology**  
3D NAND offers the potential for higher capacity, performance, and stability
- **Vibration resistant structure**  
Free of mechanical structure, electronic chip control for better data safety
- **Slim and portable**  
2.5-inch  
7 mm thick



## Specifications

Model name	HS-SSD-C100				
Capacity	120GB	240GB	480GB	960GB	1920GB
Size	2.5 inch				
Max Seq read	460MB/s	530MB/s	550MB/s	550MB/s	560MB/s
MAX Seq Write	360MB/s	400MB/s	470MB/s	480MB/s	520MB/s
Max. random 4K read IOPS	20K	28K	63K	64K	78K
Max. random 4K write IOPS	43K	51K	69K	72K	76K
Power Consumption READ	1.25W	1.34W	1.67W	1.67W	1.67W
Power Consumption WRITE	1.28W	1.32W	1.64W	1.64W	1.64W
Power Consumption IDLE	0.3W	0.32W	0.38W	0.38W	0.38W
Endurance(TBW)	40TB	80TB	160TB	320TB	640TB
NAND FLASH	3D NAND				
Protocol	SATA 6Gb/s				
Form Factor	2.5 inch SATA				
MTBF (Mean Time between Failures)	2,000,000 hours				
Work Temperature	0-70°C				
Warranty	3 years				
TRIM	yes				

**Note:** Performance test is performed in a specific testing environment and Based on ATTO Disk Bench Mark . Any change of computer system, operation system, hardware, software, or functions will influence the test result.

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