

C100M Consumer Solid State Drive (SSD)

Introduction

The C100M 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-C100M/128G

HS-SSD-C100M/256G

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**
mSATA



Specifications

Model name	HS-SSD-C100M	
Capacity	128GB	256GB
Size	mSATA	
Max Seq read	480MB/s	530MB/s
MAX Seq Write	395MB/s	400MB/s
Max. random 4K read IOPS	20K	28K
Max. random 4K write IOPS	43K	51K
Power Consumption READ	1.25W	1.34W
Power Consumption WRITE	1.28W	1.32W
Power Consumption IDLE	0.3W	0.32W
Endurance(TBW)	40TB	80TB
NAND FLASH	3D TLC	
Protocol	SATA 6Gb/s	
Form Factor	mSATA	
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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