

Consumer SSD Minder(S) Series

Introduction

The Minder(S) 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-Minder(S)/120G

HS-SSD-Minder(S)/240G

HS-SSD-Minder(S)/480G

HS-SSD-Minder(S)/960G

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-Minder(S) | | | |
|-----------------------------------|------------------|---------|---------|---------|
| Capacity | 120GB | 240GB | 480GB | 960GB |
| Size | 2.5inch | | | |
| Max Seq read | 460MB/s | 530MB/s | 550MB/s | 550MB/s |
| MAX Seq Write | 360MB/s | 400MB/s | 470MB/s | 480MB/s |
| Max. random 4K read IOPS | 20K | 28K | 63K | 64K |
| Max. random 4K write IOPS | 43K | 51K | 69K | 72K |
| Power Consumption READ | 1.25W | 1.34W | 1.67W | 1.67W |
| Power Consumption WRITE | 1.28W | 1.32W | 1.64W | 1.64W |
| Power Consumption IDLE | 0.3W | 0.32W | 0.38W | 0.38W |
| Endurance(TBW) | 40TB | 80TB | 160TB | 320TB |
| NAND FLASH | 3D TLC | | | |
| Protocol | SATA 6Gb/s | | | |
| Form Factor | 2.5 inch SATA | | | |
| MTBF (Mean Time between Failures) | 2,000,000 hours | | | |
| Work Temperature | 0-70℃ | | | |
| 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.

Distributed by



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