

## **ADD-SSDHC4TB**

4TB 2.5in SATA III SSD

### **Features:**

- Built-in LDPC ECC provides the most powerful data correction level in use today
- Internal flash RAID provides additional error correction capability
- Data shaping increases endurance
- StaticDataRefresh ensures data integrity
- Global wear-leveling evens program/erase counts across data blocks to extend lifespan
- SLC caching accelerates burst performance
- Device Sleep Mode (DEVSLP) supported
- Support Security Erase
- TRIM support (OS/driver support required)
- High-reliable 3D TLC NAND Flash
- S.M.A.R.T. support
- User-upgradeable firmware
- Temperature sensor
- Operating Temperature: 0°C to 70°C
- Power Consumption (Idle): 0.08W
- Power Consumption (Active): 2W
- Max sequential speeds and IOPS measured using CrystalDiskMark 6.0.2 x64
- RoHS, FCC, CE Complaint



### **Product Description**

This Industry Standard 4TB SSD is 100% guaranteed to be compatible with your system and to work right the first time. Transferring large files or storing your data has never been easier. Our products are also guaranteed by federal law to not affect or void OEM warranties. We stand behind the quality of our products and proudly offer a 3-yr warranty.

AddOn's SSDs are RoHS compliant and lead-free.

## Specifications

Parameter	
Form Factor	2.5"
Capacity	4TB
Interface	SATA 6Gbps
Controller	Phison S12
Height	7mm
Width	69.85mm
Depth	100.45mm
Weight	50g
Maximum Sequential Read	Up to 555Mbps
Maximum Sequential Write	Up to 535Mbps
4KB Random Read	Up to 97,000
4KB Random Write	Up to 89,000
Seek Time	<0.1ms
TBW	1250
MTBF	1,500,000 Hours
Operating Temperature	0°C to 70°C
Storage Temperature	-40°C to 85°C
Maximum Shock Resistance	1500G
Power Supply	5V DC
Idle Power Consumption	0.08W
Active Power Consumption	2W

## **About AddOn Networks**

In 1999, AddOn Networks entered the market with a single product. Our founders fulfilled a severe shortage for compatible, cost-effective optical transceivers that compete at the same performance levels as leading OEM manufacturers. Adhering to the idea of redefining service and product quality not previously had in the fiber optic networking industry, AddOn invested resources in solution design, production, fulfillment, and global support.

Combining one of the most extensive and stringent testing processes in the industry, an exceptional free tech support center, and a consistent roll-out of innovative technologies, AddOn has continually set industry standards of quality and reliability throughout its history.

Reliability is the cornerstone of any optical fiber network and is engrained in AddOn's DNA. It has played a key role in nurturing the long-term relationships developed over the years with customers. AddOn remains committed to exceeding industry standards with certifications from ranging from NEBS Level 3 to ISO 9001:2005 with every new development while maintaining the signature reliability of its products.

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