



## CVB Series SATA 6 Gb/s SSD

### KEY BENEFITS

- Low Power Consumption
- Low TCO
- Best for Boot Application
- RAIFE

### APPLICATIONS



Financial Transactions



SQL Logging



Email/Messaging Servers



Online Transaction Processing (OLTP)



E-Commerce



Boot

### SIGNIFICANT PERFORMANCE BOOST

The CVB SSD Series helps boost your systems' performance by accelerating application responsiveness thereby increasing productivity and improving power efficiency. This simple upgrade delivers superior random read/write speeds up to 90,000/80,000 IOPS. Operating more efficiently than traditional hard drives, CVB consumes less power, extending battery life.

### BEST FOR BOOT

Critical programs needed to launch a server, including Operating Systems (OS), reside on the boot drive. The CVB Series is built to speed up boot times from minutes to mere seconds. It comes in two form factors, M.2 and 2.5", for better flexibility.

### REDUNDANT ARRAY OF INDEPENDENT FLASH ELEMENTS (RAIFE)

RAIFE enables next generation of error correction and data protection capabilities. Every data on the SSD is protected by parity, so data can be recovered beyond standard ECC protection.

### THE FIRMWARE ADVANTAGE

Our works closely with industry-leading chip manufacturers to develop solutions specific to your needs. With customized proprietary firmware, our SSDs will provide superior performance at consistent speeds for years to come.

# CVB Series | SATA 6Gb/s SSD

	CVB-8D128	CVB-8D256	CVB-8D512	CVB-8D1024	CVB-CD128	CVB-CD256	CVB-CD512	CVB-CD1024
<b>Configuration</b>								
Capacity	128 GB	256 GB	512 GB	1 TB	128GB	256GB	512 GB	1 TB
Interface	SATA 6Gb/s							
Form Factor	M.2 2280				2.5"			
<b>Performance</b>								
Sequential Read/Write <sup>1</sup>	550/380 MB/s	550/470 MB/s	550/510 MB/s	550/510 MB/s	550/510 MB/s	550/380 MB/s	550/470 MB/s	550/510 MB/s
4K Random Read/Write <sup>1</sup>	70K/40K IOPS	90K/68K IOPS	90K/70K IOPS	90K/80K IOPS	70K/38K IOPS	90K/68K IOPS	90K/70K IOPS	90K/80K IOPS
<b>Reliability</b>								
Power on/off cycles	50,000							
MTBF <sup>3</sup>	2 million hours							
<b>Features</b>								
S.M.A.R.T.	Supported							
TRIM Command	Supported							
Password Protection	Supported							
<b>Power Consumption</b>								
Idle	Max 5 mW							
Active	Max 0.25 W							
<b>Environment</b>								
Operating Temperature	0 to 70° C							
Non-operating Temperature	-40 to 85° C							
Power-On Ready <sup>3</sup>	500 ms							
Resume from DEVSLP	100 ms							

Specifications and data are subject to change without notice. Product image is sample only. Not actual product.

<sup>1</sup> Based on internal testing, performance, may vary depending on host device, OS and application <sup>2</sup> UBER - Unrecovered Bit Error Rate <sup>3</sup> MTBF - Mean Time Between Failures based on parts stress analysis <sup>4</sup> Standard 3-year warranty

For more information, please visit:

**ssstc.com**

#### HEADQUARTERS

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