

# Business Client SSD CVB Series

2.5" /M.2 2280 | SATA 6 Gb/s SSD

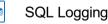
# **KEY BENEFITS**

- Low Power Consumption
- Low TCO
- Best for Boot Application
- RAIFE
- 128GB/256GB/512GB/1TB

## **APPLICATIONS**

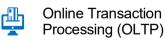


**Financial Transactions** 





Email/Messaging Servers



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

# **Business Client SSD**

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	CVB- 8D128	CVB- 8D256	CVB- 8D512	CVB- 8D1024	CVB- CD128	CVB- CD256	CVB- CD512	CVB- CD1024
Configuration								
Capacity	128 GB	256 GB	512 GB	1 TB	128 GB	256 GB	512 GB	1 TB
Interface	SATA 6Gb/s							
Form Factor	M.2 2280				2.5"			
Performance								
Sequential Read/Write <sup>1</sup>	550/380 MB/s	550/470 MB/s	550/510 MB/s	550/510 MB/s	550/380 MB/s	550/470 MB/s	550/510 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
Reliability								
Power on/off cycles	50,000							
MTBF <sup>2</sup>	2 million hours							
TBW <sup>3</sup>	70	140	280	560	70	140	280	560
Features								
S.M.A.R.T.	Supported							
TRIM Com- mand	Supported							
Password Pro- tection	Supported							
Power Consump	tion							
Idle	Max 5 mW							
Active	Max 0.25 W							
Environment								
Operating Tem- perature	0 to 70° C							
Non-operating Temperature	-40 to 85° C							
Power-On Ready	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>MTBF - Mean Time Between Failures based on parts stress analysis. <sup>3</sup>The TBW (Total Bytes Written) value is derived from JEDEC client workload. <sup>4</sup>Standard 3-year warranty

For more information, please visit:

### ssstc.com

#### HEADQUARTERS

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