#### SOLID STATE STORAGE TECHNOLOGY CORPORATION



# Industrial SSD CVB Series(WT)

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

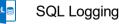
## **KEY BENEFITS**

- Low Power Consumption
- Low TCO
- Best for Boot Application
- RAIFE
- Wide Temperature
- 128GB/256GB/512GB/1T B

# **APPLICATIONS**

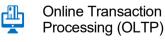


**Financial Transactions** 





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.

KEY	SPE	CIFI	CATI	ONS

#### CVB Series (WT)| SATA 6Gb/s SSD **Industrial SSD** CVB-CVB-CVB-CVB-CVB-CVB-CVB-CVB-8D128 8D256 8D512 8D1024 CD128 CD256 CD512 CD1024 Configuration 128 GB 256 GB 512 GB 1 TB 128 GB 256 GB 512 GB 1 TB Capacity SATA 6Gb/s Interface Form Factor M.2 2280 2.5" Performance 550/510 550/380 550/470 550/510 550/510 550/380 550/470 550/510 Sequential Read/Write<sup>1</sup> MB/s MB/s MB/s MB/s MB/s MB/s MB/s MB/s 38K/32K 50K/60K 50K/60K 60K/70K 38K/32K 50K/60K 50K/60K 60K/70K 4K Random Read/Write<sup>1</sup> IOPS IOPS IOPS IOPS IOPS IOPS IOPS IOPS Reliability Power on/off 50.000 cycles MTBF<sup>2</sup> >3 million hours TBW<sup>3</sup> 170 310 500 970 170 310 500 970 Features S.M.A.R.T. Supported TRIM Com-Supported mand Password Pro-Supported tection **Power Consumption** Idle Max 5 mW Active Max 0.25 W Environment Operating Tem--25 to 85° C perature Non-operating -40 to 85° C Temperature Power-On 500 ms Ready Resume from 100 ms DEVSLP

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

12F, 392, Ruey Kuang Road, Neihu, Taipei 114, Taiwan R.O.C

#### © 2020 Solid State Storage Technology Corporation. All rights reserved.

Solid State Storage Technology Corporation , a global leader in the design, development, and manufacturing of Solid State Drives (SSDs). We offer customized solutions to PC Client, Industrial Solutions, Enterprise/Data Center, and Cloud and Edge Computing markets.

All trademarks and registered trademarks are the property of their respective owners.