

# CVB Series

SATA 6 Gb/s SSD

## Key Features

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



Model	<b>CVB Series</b>
<b>Configuration</b>	
Capacity	128GB~1TB
Interface	SATA 6 Gb/s
Form Factor	M.2 2280 / 2.5"
<b>Performance</b>	
Sequential Read / Write <sup>1</sup> (Max.)	550/510 MB/s
4K Random Read / Write <sup>1</sup> (Max.)	90K/80K IOPS
<b>Reliability</b>	
Power on / off cycle	50,000
MTBF <sup>2</sup>	> 3 million hours
<b>Features</b>	
S.M.A.R.T	Support
TRIM Command	Support
Password Protection	Support
<b>Power Consumption</b>	
DIPM Enable	0.25W
<b>Environment</b>	
Non-Operating Temperature	-40°C to 85°C
Power-On Ready	500 ms
Resume from DEVSLEEP	100 ms

<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.

All information provided here is subject to change without prior notice.

## Ordering Information

Operating Temperature	Form Factor	Capacity (GB)	Model Name*
Standard Temp.(0°C to 70°C)	M.2 2280	128/ 256/ 512/ 1024	CVB-8Dxxx
	2.5"		CVB-CDxxx
Extended Temp (-25°C to 85°C )	M.2 2280		CVB-8Dxxx
	2.5"		CVB-CDxxx

\*xxx = density (ex.256GB=256)



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