

# CA6 Series

NVMe™ PCIe® SSD

## Key Features

- PCIe® Gen 4 x4
- Low latency
- Slim form factor— M.2 2280
- Power Efficiency



Model	CA6 Series
<b>Configuration</b>	
Capacity	256GB~2048GB
Interface	NVMe™ PCIe® Gen 4x4
Form Factor	M.2 2280
<b>Performance</b>	
Sequential Read / Write <sup>1</sup> (Max.)	6,800/4,800 MB/s
4K Random Read / Write <sup>1</sup> (Max.)	500K/500K IOPS
<b>Reliability</b>	
Power on / off cycle	50,000
MTBF <sup>2</sup>	>3 million hours
<b>Features</b>	
ECC	Advanced LDPC ECC Engine
S.M.A.R.T	Support
NVMe TRIM (Deallocate)	Support
<b>Power Consumption</b>	
Idle/Active Mode (Max.)	2 W/8W
Sleep Mode (L1.2 State)	5mW
<b>Environment</b>	
Non-Operating Temperature	-40 to 85° C
Power-On Ready	1s (Power on to ready time assumes proper shutdown)

<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

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	256/ 512/ 1024/ 2048	CA6-8Dxxx

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



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

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