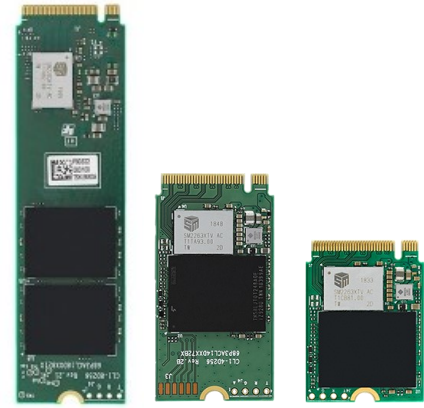


# CL1 Series

NVMe™ PCIe® SSD

## Key Features

- High Performance NVMe™ PCIe®
- Low latency
- Slim form factor-M.2 2280/2242/2230
- LDPC technology



Model	<b>CL1 Series</b>
<b>Configuration</b>	
Capacity	128GB*~1024GB
Interface	NVMe™ PCIe® Gen 3x4
Form Factor	M.2 2280/2242/2230
<b>Performance</b>	
Sequential Read / Write <sup>1</sup> (Max.)	2,000/1,100 MB/s
4K Random Read / Write <sup>1</sup> (Max.)	140K/200K IOPS
<b>Reliability</b>	
Power on / off cycle	50,000
MTBF <sup>2</sup>	>3 million hours
<b>Features</b>	
ECC	LDPC Gen 3 Engine
S.M.A.R.T	Support
NVMe™ Deallocate	Support
TCG-OPAL 2.0	Optional
<b>Power Consumption</b>	
Idle/Active Mode	0.4 W/4 W
Sleep Mode	5mW
<b>Environment</b>	
Non-Operating Temperature	-40°C to 85°C
Operating Temperature	0°C to 70°C
Power-On Ready	500 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

\*128GB, Sequential Read/Write Speed: 1300MB/s (Read), 600MB/s (Write)

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	CL1-8Dxxx
Standard Temp.(0°C to 70°C)	M.2 2242	128/ 256/ 512	CL1-4Dxxx
Standard Temp.(0°C to 70°C)	M.2 2230	128/ 256/ 512	CL1-3Dxxx

\*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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