

PJ1 Series

PCI Express® Gen4 x4

Key Features

- NVMe™ Revision 1.4c Compliance
- 512 Byte & 4 kB Sector Size
- Up to 32 Namespaces
- TCG Opal 2.0 and AES 256 Encryption
- Configurable OP
- TruePLP Technology
- End-to-End Data Path Protection
- RAID Protection
- Digital Signature
- Secure Boot
- Online Firmware Update
- Temperature Sensor



Model	PJ1 Series
Configuration	
Capacity	480GB~7680GB
Interface	PCIe® Gen4 x4
Form Factor	M.2 2280 / M.2 22110 / U.2 / E1.S
Performance	
Sequential Read / Write ¹ (Max.)	7,000/4,200 MB/s
4K Random Read/ Write ¹ (Max.)	900K/160K IOPS
Reliability	
MTBF ²	> 3 million hours
End-to-End Data Protection	Support
Endurance	
DWPD(for 5 years)	≥1
Environment (Temperature)	
Non-Operating Temperature	-40 to 85°C

¹ Based on internal testing, performance may vary depending on host device, OS, and application.

² 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)	TruePLP	Model Name*
Standard Temp (0°C to 85°C)	M.2 2280	480/ 960/ 1920	Y	PJ1-GWxxxP
		480/ 960/ 1920/ 3840	N	PJ1-GWxxx
	M.2 22110	3840	Y	PJ1-KWxxxP
	U.2	1920/ 3840/ 7680	Y	PJ1-2WxxxP
	E1.S	960/ 1920/ 3840/ 7680	Y	PJ1-6WxxxP (5.9mm)
			Y	PJ1-9WxxxP (9.5mm)

*xxx= density (ex.480GB=480)



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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