

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 70°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 |

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



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