



CS3150 Solid State Drive



EPIC-X RGB

Control your color experience with Velocity X



Next Generation Speed

Superior performance compared to NVMe Gen4 x4 SSD.



Extreme Cooling

Unique dual-fan heatsink designed to keep your Gen5 x4 SSD cool and prevent throttling



5-Year Limited Warranty or TBW*

Extended protection and peace of mind

CS3150 SOLID STATE DRIVES

The CS3150 M.2 NVMe Gen5 x4 Solid State Drive is designed to be an exceptionally high performance SSD that delivers the transfer speed your desktop system deserves. It is the ideal solution for PC enthusiasts, gamers, and content creators to upgrade to the latest in NVMe technology. The NVMe Gen5 x4 interface delivers performance of up to 11,500MB/s seq. read and 8,500MB/s seq. write speeds.

The PNY CS3150 is equipped with a unique dual-fan heatsink that keeps your Gen5 x4 SSD cool and prevents performance throttling, ensuring the SSD's performance. Additionally, EPIC-X RGB™ allows you to control the color and lighting effects on your PC by plugging into a 9-pin (USB) connector. This high-performing SSD provides the performance your desktop system need. Boot up in seconds, experience rapid application launches, and outstanding system performance. The PNY CS3150 is lightning-fast, reliable, and comes with a 5-year limited warranty or TBW.*

The PNY CS3150 is engineered with the same level of quality and durability that our customers have enjoyed for over 35 years. We've taken the world's most advanced NAND flash and refined the CS3150 for optimized performance and reliability. PNY's extensive testing and rigorous validation process ensures compatibility across various platforms and multiple operating systems.

APPLICATIONS

- High Performance NVMe Gen5 upgrade in an NVMe Gen5 enabled PC desktop computer.
- Ideal solution for PC enthusiasts, gamers, and content creators

FEATURES AND BENEFITS

- Sequential Read of up to 11,500 MB/s and Write of up to 8,500 MB/s
- Faster boot up, rapid application launch, and improved overall system performance
- Reliable storage
- Low power consumption, cool and quiet operation
- Plug-in the 9-pin (USB) power connector to customize your PC's color and lighting effects using PNY's Velocity-X software.
- Backed by a 5 year limited warranty or TBW & live US tech support*

PRODUCT SPECIFICATIONS

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| NAND Components | 3D Flash Memory |
| Interface | PCIe Gen5 x4 |
| Form Factor | M.2 2280 |
| PERFORMANCE (MAX SEQUENTIAL READ/WRITE) | |
| 1TB | 11,500 MB/s (Read), 8,500 MB/s (Write) |
| POWER | |
| Power Connector for Heatsink Fans | 9-pin (USB) Power Connector |
| PCIe Power Management | PS0/PS1/PS2/PS3/PS4, APST, ASPM, L1.2 |
| ENVIRONMENTAL | |
| Operating Temperature | 0°C ~ 70°C |
| Storage Temperature | -40°C ~ 85°C |
| Certifications | BSMI, CE, FCC, REACH, RoHS, VCCI, PCIe Base 5.0, NVMe 2.0 |
| RELIABILITY/SECURITY | |
| Mean Time Between Failures (MTBF) | 1,600,000 Hours |
| Error Correction Code | LDPC (Low Density Parity Check) ECC Algorithm |
| Product Health Monitoring | Self-Monitoring, Analysis and Reporting Technology (S.M.A.R.T) |
| Full End-to-End Data path protection | Supported |
| COMPATIBILITY | |
| RAID (0/1) | Supported |
| NVMe | NVMe 2.0 |
| ADDITIONAL FEATURES | |
| Performance Optimization | TRIM (requires OS support) |
| TCG OPAL 2.0 | Enabled |
| PRODUCT INFORMATION | |
| Service & Support | 5-Year Limited Warranty or TBW* |
| Usable Capacities (IDEMA) | 1TB |
| PNY Part Number | 1TB: M280CS3150XHS-1TB-RB |
| UPC | 1TB: 751492781822 |
| Box Dimensions | 6.14 x 2.17 x 1.57" |
| Dimensions (L x W x H) | 76 x 23.5 x 17.5 mm (Max) |
| Weight | 53g |

*For full details visit www.pny.com

