XLR8 GAMING
POWERED BY PNY

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 12,000MB/s seq. read and 11,000MB/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 12,000 MB/s and Write of up to 11,000 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	
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)
2TB	12,000 MB/s (Read), 11,000 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, 2TB
PNY Part Number	1TB: M280CS3150XHS-1TB-RB 2TB: M280CS3150XHS-2TB-RB
UPC	1TB: 751492781822 2TB: 751492781839
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

PNY Technologies, Inc. 100 Jefferson Road, Parsippany, NJ 07054 | Tel 973-515-9700 | Fax 973-560-5590 | www.PNY.com
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