PNY®

CS2150
Solid State Drive

Extreme Performance
NVMe Gen5 transfer speed, faster than a traditional SSD

Enhanced Reliability
Non-volatile NAND up to 30 times more robust than HDDs

5-Year Limited Warranty or TBW*
Extended protection and peace of mind

CS2150 SOLID STATE DRIVES

The PNY CS2150 M.2 NVMe Gen5 x4 Solid State Drive is an excellent choice for a mainstream performance upgrade in an NVMe Gen5 enabled desktop or laptop computer. Upgrade to the latest in NVMe technology and experience the enhanced performance of up to 10,300 MB/s seq. read and 8,600 MB/s seq. write speeds. Experience faster boot times, quicker application launches, and improved overall system performance using the CS2150 Gen5 technology.

Do more in less time with NVMe Gen5 x4; boot up, power down, and load applications faster than ever before. Designed to deliver the performance you demand, and with no moving parts, the PNY CS2150 is highly durable, less likely to fail, and supports a 5-year limited warranty or TBW.*

The PNY CS2150 is engineered with the same level of quality and durability that our customers have enjoyed for over 40 years. We've taken the world's most advanced NAND flash and refined the CS2150 for optimized performance and reliability. PNY's extensive testing and rigorous validation process ensures compatibility across various platforms and multiple operating systems.

FEATURES AND BENEFITS
• Sequential Read of up to 10,300 MB/s and Write of up to 8,600 MB/s
• Faster boot up, quicker application launch, and improved overall system performance
• Extreme performance is ideal for demanding applications, high-end games, and intense workloads
• Reliable storage
• 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	10,200 MB/s (Read), 8,300 MB/s (Write)
2TB	10,300 MB/s (Read), 8,600 MB/s (Write)
POWER	
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, KCC, REACH, RoHS, VCCI
RELIABILITY/SECURITY	
Mean Time Between Failures (MTBF)	1,500,000 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	Host Memory Buffer (HMB)
TCG OPAL 2.0	Enabled

PRODUCT INFORMATION

Service & Support	5-Year Limited Warranty or TBW*
Usable Capacities (IDEMA)	1TB, 2TB
PNY Part Number	1TB: M280CS2150-1TB-TB 2TB: M280CS2150-2TB-TB
UPC	1TB: 751492792590 2TB: 751492792606
EAN	1TB: 4718006456115 2TB: 4718006457181
Box Dimensions	4.84" x 3.35" x 0.17" 123 x 85 x 4.3 mm
Dimensions (L x W x H)	22 x 80 x 4 mm
Weight	6.6g

*For full details visit www.pny.com