



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 Warranty

Extended protection and peace of mind

CS2150 SOLID STATE DRIVES

The CS2150 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 10,300MB/s Seq. read and 8,600MB/s seq. write speeds.

Offered with an optional extruded aluminum heatsink, It is designed to be an extreme high performance SSD to deliver the performance you demand for your laptop or desktop system. Boot up in seconds, enjoy lightning fast application launches, and incredible system performance. The PNY CS2150 is highly durable, less likely to fail, and features a 5-year warranty.

The PNY CS2150 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 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, rapid 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
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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)	1,500,000 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	TRIM (requires OS support)
TCG OPAL 2.0	Enabled

PRODUCT INFORMATION

Service & Support	5-Year Limited Warranty or TBW*
PNY Part Number	1TB: M280CS2150-1TB-TB 2TB: M280CS2150-2TB-TB
UPC	1TB: 751492792590 2TB: 751492792606
EAN	1TB: 4718006456115 2TB: 4718006456122
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

