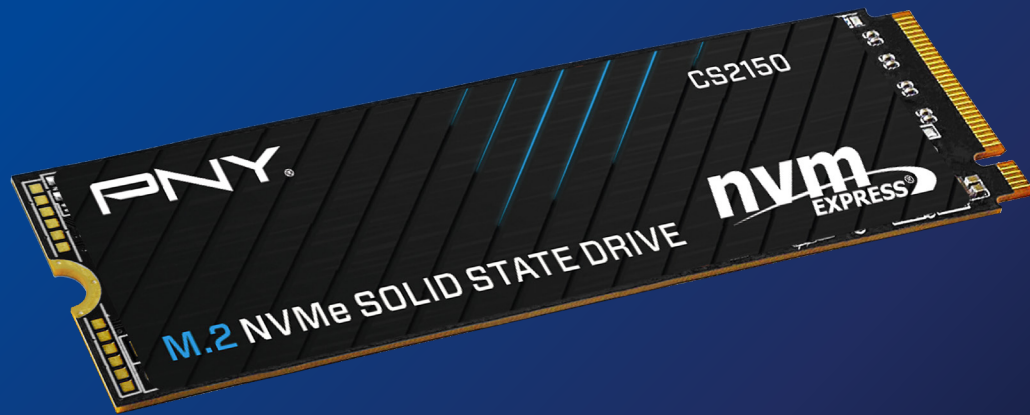




PNY CS2150

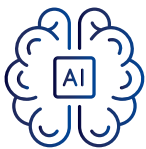
M.2 2280 NVMe Gen5 x4

Solid State Drives



LEVEL UP YOUR SYSTEM

The CS2150 pushes the limits of storage technology with ultra-fast NVMe PCIe Gen5 x4 performance. With sequential read speeds of up to 10,300 MB/s and write speeds up to 8,600 MB/s², it delivers the speed and responsiveness required for today's most demanding workloads. Designed for AI developers, gamers, content creators, and performance-driven professionals, the CS2150 brings new life into any setup.



AI-Ready

Built to handle the demands of modern AI applications



High-Performance Speeds

Get sequential speeds of up to 10,300 and 8,600 MB/s read and write²



Cool by Design

No heatsink required. Our CS2150 delivers all the Gen5 features and speed you need for the ultimate plug-and-play experience



INCREASE YOUR SPACE

Increase the storage on your M.2 2280 compatible devices by up to 4TB to expand your game library, hold more files, or increase your total capacity¹



SECURE YOUR DATA

Supports TCG Opal 2.0™, for hardware encryption to provide maximum storage security



COMPATIBILITY

Designed for M.2 2280 compatible devices



5-YEAR LIMITED WARRANTY OR TBW*

Extended protection and peace of mind

KEY FEATURES

- **SUPERIOR GEN5 SPEED** - The NVMe PCIe Gen5 x4 interface delivers performance of up to 10,300 MB/s seq. read and 8,600 MB/s seq. write speeds²
- **AI-READY PERFORMANCE** - Built to handle the demands of modern AI applications, from real-time image generation to deep learning tasks.
- **DATA PROTECTION** - Integrated with TCG Opal 2.0™ for hardware encryption to provide maximum storage security.
- **ELEVATE GAMING AND CREATIVE POWER** - Experience lightning-fast texture renders, shorter load times, and fluid gameplay enhanced by Microsoft DirectStorage™ compatibility.
- **INCREASED STORAGE** - Increase the storage on your M.2 2280 compatible devices by up to 4TB to expand your game library, hold more files, or increase your total capacity¹

PRODUCT SPECIFICATIONS

NAND Components	3D Flash Memory
Interface	PCIe Gen5 x4
Form Factor	M.2 2280
Read and Write Speeds	1TB: Up to 10,200MB/s read, Up to 8,300MB/s write ² 2TB: Up to 10,300MB/s read, Up to 8,600MB/s write ² 4TB: Up to 9,200MB/s read, Up to 7,900MB/s write ²
PCIe Power Management	PS0/PS1/PS2/PS3/PS4, APST, ASPM, L1.2
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
Mean Time Before 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)
NVMe	2.0
Performance Optimizaion	TRIM (requires OS support)
TCG Opal 2.0™	Enabled
Warranty	5-Year Limited Warranty or TBW*

PRODUCT INFORMATION

PNY Part Number	1TB: M280CS2150-1TB-TB 2TB: M280CS2150-2TB-TB 4TB: M280CS2150-2TB-TB
UPC Code	1TB: 751492792590 2TB: 751492792606 4TB: 751492801148
EAN	1TB: 4718006456115 2TB: 4718006457181 4TB: 4718006459987
Part Dimensions	22 x 80 x 4mm

¹For Flash Media Devices, 1 megabyte = 1 million bytes; 1 gigabyte = 1 billion bytes. Actual useable capacity may be less than total listed (some capacity is used for formatting and other functions, and thus is not available for data storage).

²Noted speeds may vary depending on the host devices, user's settings, configurations, OS, and applications.

*Warranty: Please visit PNY website for more information regarding warranty in your region.

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