



PNY CS2342

M.2 2230 Gen4 Solid State Drive

M230CS2342-1TB-TB

M230CS2342-2TB-TB



HUGE PERFORMANCE, SMALL DRIVE

The CS2342 M.2 2230 NVMe Gen4 x4 Solid State Drive is the ideal solution PC enthusiasts, gamers, and content creators need for their M.2 2230 compatible devices. The NVMe Gen4 x4 interface delivers exceptional speeds of up to 7,300MB/s seq. read and 6,000MB/s seq. write speeds. Specifically designed to fit easily into portable gaming devices, ultra-thin laptops, and other compact devices without sacrificing performance or capacity.²



Short and Sweet

The ultimate upgrade for any M.2 2230 Gen4 x4 compatible device



High Performing Speeds

Level-up with sequential read/write speeds of up to 7,300/6,000MB/s²



1TB/2TB Storage Expansion

Expand your gaming library, hold more files, and increase your total capacity¹



HIGH PERFORMANCE

The NVMe PCIe Gen4 x4 interface delivers exceptional performance of up to 7,300MB/s seq. read and 6,000 MB/s seq. write speeds²



SECURE YOUR DATA

Supports TCG Pyrite, the security software designed for personal client computing – enter passwords via BIOS, UEFI or compatible third-party software



COMPATIBILITY

Designed for seamless integration into handheld gaming devices like the ASUS ROG Ally and Steam Deck, ultra-thin laptops, and compact systems.



5-YEAR LIMITED WARRANTY OR TBW*

Extended protection and peace of mind

FEATURES AND BENEFITS

- Sequential Read of up to 7,300 MB/s and Write of up to 6,000 MB/s²
- Integrated with TCG Pyrite - the security software designed for personal client computing
- Offered in 1TB/2TB capacities¹
- Compatible with Steam Deck™, ASUS ROG Ally™, Microsoft Surface™
- 5-Year Limited Warranty or TBW*

APPLICATIONS

- Handheld gaming device upgrade for faster speeds and more storage to expand your game library
- Laptop performance, reliability, responsiveness, and storage upgrade

PRODUCT SPECIFICATIONS

NAND Components		3D Flash Memory
Interface		PCIe Gen4 x4
Form Factor		M.2 2230
Max Sequential Read Speed		7,300MB/s ²
Max Sequential Write Speed		6,000MB/s 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		RoHS
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		1.4
Performance Optimizaion	Host Memory Buffer (HMB)	
TCG Pyrite		Enabled
Service & Support	5-Year Limited Warranty or TBW*	

PRODUCT INFORMATION

PNY Part Number	1TB: M230CS2342-1TB-TB 2TB: M230CS2342-2TB-TB
UPC Code	1TB: 751492795942 2TB: 751492795959
EAN	1TB: 4718006457969 2TB: 4718006457976
Part Dimensions	22 x 30 x 4mm
Box Dimensions	4.84 x 3.35 x 0.17"

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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