



# CS2340 Solid State Drive



### High Performance

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

## CS2340 SOLID STATE DRIVES

The PNY CS2340 M.2 NVMe Gen 4x4 Solid State Drive is a high-performance drive designed for both desktops and laptops. Upgrade to the latest NVMe technology and enjoy enhanced performance with sequential read speeds of up to 7,400MB/s and sequential write speeds of up to 6,400MB/s. Experience faster boot times, quicker application launches, and improved overall system performance using the CS2340 Gen4 technology.

Do more in less time with NVMe Gen4 x4; boot up, power down, and load applications up to 8 times faster compared to SATA based SSD's. Designed to deliver the performance you demand, and with no moving parts, the PNY CS2340 is highly durable, less likely to fail, and supports a 5-year limited warranty or TBW.\*

The PNY CS2340 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 CS2340 for optimized performance and reliability. PNY's extensive testing and rigorous validation process ensures compatibility across various platforms and multiple operating systems.

## APPLICATIONS

- An excellent choice for a mainstream performance upgrade to Gen4 technology in an NVMe enabled desktop or laptop computer
- High performance SSD with up to 8 times the performance as compared to SATA based SSDs

## FEATURES AND BENEFITS

- Sequential Read of up to 7,400MB/s and Write of up to 6,400MB/s
- HMB support, faster boot up, quicker application launch, and improved overall system performance
- Reliable storage
- Lower power consumption, cool and quiet operation
- Backed by a 5-year limited warranty or TBW & live us tech support\*

## PRODUCT SPECIFICATIONS

NAND Components	3D Flash Memory
Interface	PCIe Gen4 x4
Form Factor	M.2 2280

### PERFORMANCE (MAX SEQUENTIAL READ/WRITE)

1TB	7,400 MB/s (Read), 6,100 MB/s (Write)
2TB	7,400 MB/s (Read), 6,400 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, 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 1.4

### ADDITIONAL FEATURES

Performance Optimization	Host Memory Buffer (HMB)
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## PRODUCT INFORMATION

Service & Support	5-Year Limited Warranty or TBW*
Usable Capacities (IDEMA)	1TB, 2TB
PNY Part Number	1TB: M280CS2340-1TB-TB 2TB: M280CS2340-2TB-TB
UPC	1TB: 751492787114 2TB: 751492787121
EAN	1TB: 4718006456863 2TB: 4718006456870
Retail Dimensions (L x W x H)	123 x 85 x 4.3 mm
Product Dimension (L x W x H)	22 x 80 x 4 mm (Max)
Weight	6.6g

\*For full details visit [www.pny.com](http://www.pny.com)