



# CS2060 Solid State Drive



### Performance

Transfer speed faster than a traditional HDD



### Enhanced Reliability

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



### Acronis Migration Software Included

For easy OS and files cloning

## CS2060 SOLID STATE DRIVES

The PNY CS2060 is an excellent choice for experiencing next generation extreme performance. The CS2060 drive is designed for editing 4K multimedia files or seeking out an edge over high performance gaming, the CS2060 offers a perfect solution. With no moving parts, cable-less connection to PC, PNY CS2060 is highly durable, less likely to fail, easy to install, and supports up to 3 years of warranty.

Optimized for high sequential speeds up to 1600MB/s and read 1100 MB/s write, and backward compatible with NVMe Gen1/Gen2, this drive is specifically geared to dramatically improve loading and entry time, putting you steps ahead of your competition.

The PNY CS2060 is an excellent choice for energy efficiency and consumes significantly less power than hard drives. Users can benefit from lower power usage, longer battery life, and a cooler, quieter system. Spend more time enjoying your system and less time worrying about battery consumption. The CS2060 lineup is available in a range of capacities from 256 to 1TB.

The PNY CS2060 is engineered with the same level of quality and durability that our consumers have enjoyed with the CS900 SSDs. PNY's extensive testing and rigorous validation process ensures compatibility across various platforms and multiple Operating Systems.

### HIGH PERFORMANCE, HIGH VALUE

- Sequential Read of up to 1600 MB/s and Write of up to 1100 MB/s
- Random Read IOPS up to 230,000 IOPS

### LOW POWER CONSUMPTION:LONG BATTERY LIFE

- Supports power saving features resulting in extended battery life for mobile applications
- Runs cool and quiet

### APPLICATIONS

- Ideal for Gamers and PC Enthusiasts
- Extreme boot up and application launch
- Reliable storage

## PRODUCT SPECIFICATIONS

|  |   |
|--|---|
| NAND Components                                | 3D TLC Flash Memory   |
| Interface                                      | PCIe Gen3x2 NVME  |
| Form Factor                                    | M.2 2280  |
| <b>PERFORMANCE (MAX SEQUENTIAL READ/WRITE)</b> |   |
| 256GB  | 1500 MB/s (Read) 720 MB/s (Write)   |
| 512GB  | 1600 MB/s (Read) 1000 MB/s (Write)  |
| 1TB  | 1600 MB/s (Read) 1100 MB/s (Write)  |
| <b>POWER</b>                                   |   |
| Power Consumption (Avg.)                       | 3.0W Active, 0.03W idle; power management features  |
| Power Management                               | APST, ASPM, L1.2  |
| Power Loss Protection                          | Flushing Mechanism, prevent data loss from unexpected power failure   |
| <b>ENVIRONMENTAL</b>                           |   |
| Operating Temperature                          | 0°C ~ 70°C  |
| Storage Temperature                            | -40°C ~ 85°C  |
| Certifications                                 | RoHS, WHQL, PCI Express Base 3.1, UNH-IOL NVMe Express Logo   |
| <b>RELIABILITY / SECURITY</b>                  |   |
| Mean Time Between Failures (MTBF)              | 1,500,000 Hours   |
| Error Correction Code                          | Strong ECC™ (SECC)  |
| Secure Erase                                   | Standard, Enhanced Secure Erase   |
| Product Health Monitoring                      | Self-Monitoring, Analysis and Reporting Technology (S.M.A.R.T)  |
| Full End-to-End Data path protection           | Supported   |
| <b>COMPATIBILITY</b>                           |   |
| Serial ATA                                     | Fully compliant with NVMe 1.3 & PCIe Express v3.1, PCIe Gen3x2 lane & backward compatible to PCIe Gen2 and Gen1 |
| Operating Systems                              | Windows 10, Windows 8, Windows 7  |
| <b>ADDITIONAL FEATURES</b>                     |   |
| Performance Optimization                       | TRIM, HMB(Host Memory Buffer) (requires OS support)   |
| Service & Support                              | 3-Year Limited Warranty*  |
| <b>PRODUCT INFORMATION</b>                     |   |
| Usable Capacities (IDEMA)                      | 256GB, 512GB, 1TB   |
| PNY Part Number                                | 256GB: SSD7CS2060-256-RB<br>512GB: SSD7CS2060-512-RB<br>1TB: SSD7CS2060-1TB-RB                                  |
| Box Dimensions                                 | 13 x 10 x 1.5 cm  |
| Dimensions (L x W x H)                         | 80mm x 22mm x 3.80mm  |
| Weight   | 8g  |

\*For warranty details please see [www.pny.com](http://www.pny.com).