

PNY

PNY PRO

CS900



The PNY CS900 2.5-inch SATA-III (6 Gb/s) solid-state drive (SSD) is the value performance line of PNY SSDs. It is an excellent choice for an entry-level upgrade from a hard disk drive (HDD). The PNY CS900 was designed to be an easy and cost-effective HDD replacement for your existing PC system, without having to sacrifice performance. Upgrading to the CS900 SSD will help you experience an overall performance boost. Boot up, power down, and load applications in seconds. With no moving parts, the PNY CS900 is highly durable and includes a 3-year limited warranty.**

The PNY CS900 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 CS900 lineup is available in a range of capacities from 120 GB to 1 TB.

The PNY CS900 is engineered with the same level of quality and durability that our consumers have enjoyed with the CS1311 & CS2211 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 550 MB/s and Write of up to 515 MB/s
- Cost effective HDD replacement for better overall performance

LOW POWER CONSUMPTION: LONG BATTERY LIFE

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

APPLICATIONS

- Entry-level SSD for PC upgrade
- Faster boot up and application launch
- Reliable storage

AVAILABLE OPTIONS



CS900 Solid State Drive

SPECIFICATIONS

CS900 TLC SOLID STATE DRIVE

Usable Capacities (IDEMA)	120 GB, 240 GB, 250 GB, 480 GB, 500 GB, 960 GB, 1 TB
PNY Part Number	120 GB: SSD7CS900-120-RB 240 GB: SSD7CS900-240-RB 250 GB: SSD7CS900-250-RB 480 GB: SSD7CS900-480-RB 500 GB: SSD7CS900-500-RB 960 GB: SSD7CS900-960-RB 1 TB: SSD7CS900-1TB-RB

Box Dimensions	5.25" × 4.65" × 1.25"
NAND Components	3D NAND Flash Memory
Interface	SATA-III (6 Gb/s); Backwards compatible with SATA-II
Form Factor	2.5-inch
Dimensions (L × W × H)	100 × 70 × 7 mm
Weight	45g

PERFORMANCE	120 GB	240 GB	250 GB	480 GB	500 GB	960 GB	1TB
Max Sequential Read	515 MB/s	535 MB/s	535 MB/s	550 MB/s	550 MB/s	535 MB/s	535 MB/s
Max Sequential Write	490 MB/s	500 MB/s	500 MB/s	500 MB/s	500 MB/s	515 MB/s	515 MB/s

POWER	
Power Consumption (Avg.)	2.0W Active, 0.3W Idle; Power management features
SATA Link Power Management	Idle, Partial, Slumber
Power Island Support	Power Efficiency Management System

ENVIRONMENTAL	
Operating Temperature	0°C ~ 70°C
Storage Temperature	-40°C ~ 85°C
Certifications	RoHS, CE, FCC, VCCI, BSMI, SATA IO, WEEE

RELIABILITY / SECURITY	
Mean Time Between Failures (MTBF)	2,000,000 Hours
Error Correction Code	Up to 120 bits per 2K sector
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
RAID (0/1)	Supported

COMPATABILITY	
Serial ATA	Fully compliant with SATA-IO: Serial ATA Revision 3.0. ATA ATAPI-8 Standard Native Command Queuing (NCQ)
Operating Systems	Windows 10, Windows 8, Windows 7, Windows Vista™, Windows XP™, Linux, Mac OS X, Ubuntu 14
Power Requirements	Standard SATA Power Connector, 5V, 0.5A (Active)

ADDITIONAL FEATURES	
Performance Optimization	TRIM (requires OS support)
Service & Support	3-Year Limited Warranty ** Toll free technical support lines

**For warranty details please see WWW.PNY.COM/PNYPRO

QUESTIONS? CONTACT GOPNY@PNY.COM

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PNY CS900 SOLID STATE DRIVES

MOST SOUGHT AFTER FEATURES. EXCELLENT VALUE.



TARGET MARKET: Ideal for System Integrators or mainstream value consumers looking to get better overall performance and value from their PC or Mac systems.

Based on the latest in flash-based technology, the CS900 is a cost-effective Solid State Drive designed to help speed up the performance of both PC or Mac desktops and laptops. Offering a faster and more energy efficient alternative to traditional hard disk drives, the CS900 is an excellent system upgrade for mainstream value consumers and small to medium businesses ensuring faster boot up time, quick application launch, and a better overall computing experience. Available in capacities up to 1 TB in a 2.5-inch form factor, the CS900 features sequential read speeds of up to 550 MB/s and sequential write speeds of up to 515 MB/s.

GET MORE VALUE FROM YOUR SYSTEMS WITH THE CS900

- **SPEED:** Superior performance compared to traditional hard drives (HDD).
- **EFFICIENCY:** Do more in less time, boot up, power down, and load applications in seconds.
- **ENERGY SAVING:** Low power consumption, longer battery life for laptops. Minimizes Total Cost of Ownership (TCO).
- **RELIABLE:** With no moving parts, it is highly durable and includes a 3-year limited warranty.
- **ENDURANCE:** Survives in extreme environments, and retains its memory even when dropped.

PNY DELIVERS THE VALUE YOU DEMAND

- Built by Experts. PNY has years of experience supporting our Commercial customers
- Unprecedented Pre and Post-Sales Support
- Live U.S.-Based Toll-Free Tech Support
- Sales and Marketing material to help successfully sell and position PNY SSDs
- Extensive validation and reliability testing to ensure our SSDs meet the most stringent industry standards



HIGH PERFORMANCE



LIVE U.S.-BASED TECH SUPPORT



3-YEAR WARRANTY