PNY®

CS900

Ideal for PC Upgrade

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.** In addition, the CS900 now includes the Acronis® True Image HD 2017 data migration software, which allows for a seamless experience when transferring data from an existing drive to a new PNY solid-state drive.

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 to 960 GB.

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

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

QUESTIONS? CONTACT GOPNY@PNY.COM

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AVAILABLE OPTIONS

CS900
Solid State Drive

SPECIFICATIONS

CS900 TLC SOLID STATE DRIVE

Usable Capacities (IDEMA)	120 GB, 240 GB, 480 GB, 960 GB
PNY Part Number	120 GB: SSD7CS900-120-RB 240 GB: SSD7CS900-240-RB 480 GB: SSD7CS900-480-RB 960 GB: SSD7CS900-960-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	480 GB	960 GB
Max Sequential Read	515 MB/s	535 MB/s	550 MB/s	535 MB/s
Max Sequential Write	490 MB/s	500 MB/s	500 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 I0, 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