



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 240 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 535 MB/s and Write of up to 500 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 TLC Solid State Drive

SPECIFICATIONS

PNY Part Number120 GB: SD7CS900-120-RB 240 GB: SD7CS900-240-RBBox Dimensions5.25" × 4.65" × 1.25"NAND ComponentsTriple-Level Cell (TLC) NAND Flash MemoryInterfaceSATA-III (6 Gb/s); Backwards compatible with SATA-IIForm Factor2.5-inchDimensions (L × W × H)100 × 70 × 7 mmWeight45gPERFORMANCE120240UnitsMax Sequential Read515535MB/sMax Sequential Write490500POWERPower Consumption (Avg.)2/0W active, 0.3W Idle; Power management featuresSATA Link Power ManagementIdle, Partial, SlumberPower Island SupportPower Efficiency Management SystemENVERINGE40° c - 85°CCertificationsRoHS, CE, FCC, VCCI, BSMI, SATA IO, WEEERELIABILITY / SECURITY2,000,000 HoursFror Correction CodeUp to 120 bits per 2K sectorFororection CodeUp to 120 bits per 2K sectorFull End-to-End Data path protectionSelf-Monitoring, Analysis and Reporting Technology (S.M.A.R.T)Full End-to-End Data path protectionSupportedCOMPATABILITYSerial ATAFull ColoSerial ATA TAPI-8 Standard Native Command Queuing (NC Operating SystemsOperating SystemsYulndows T0, Windows XP, Window Y, Window Vista", Windows XP, Cinux, Mac OS X, Ubuntu TA TATAP-8 Standard Native Command Queuing (NC Operating SystemsPower RequirementsStandard SATA Power Connector, SU, 0.5A (Active ADDITIONAL FEATURESPerformance Optimiz	Usable Capacities (IDEMA)	120 GB, 240 GB	
NAND Components Triple-Level Cell (TLC) 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 120 240 Max Sequential Read 515 535 MB/s Max Sequential Write 490 500 MB/s POWER 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 °C ~ 70°C Storage Temperature °°C ~ 70°C Storage Temperature -40°C ~ 85°C ERELIABILITY / 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 Serial ATA Standard SATA Power Connector, SV, 0.5A (Active ADDITIONAL FEATURES) Serial ATA Yully compliant with	PNY Part Number		
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ADDITIONAL FEATURES Performance Optimization TRIM (requires OS support) Service & Support 3-Year Limited Warranty **	Operating Systems		
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Service & Support 3-Year Limited Warranty **	ADDITIONAL FEATURES		
	Performance Optimization	TRIM (requires OS support)	
	Service & Support		

**For warranty details please see www.pny.com.

PNY Technologies, Inc. 100 Jefferson Road, Parsippany, NJ 07054 | Tel 973-515-9700 | Fax 973-560-5590 | www.PNY.com

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