

# CS900 Series

Consumer/Performances SSD : 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. Furthermore, PNY has designed the CS900 to be its lightest SSD to date. 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 480 GB using TLC NAND flash memory.

The PNY CS900 is engineered with the same level of quality and durability that our consumers have enjoyed with the CS1311 & CS1111 SSDs.

## 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 = LONGER 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  
Consumer/Performances SSD

## SPECIFICATIONS

### Consumer/Performances SSD:

<b>PNY Part Number</b>	120 GB: SSD7CS900-120-PB / 3536403351717 240 GB: SSD7CS900-240-PB / 3536403351724 480 GB: SSD7CS900-480-PB / 3536403351731 960 GB: SSD7CS900-960-PB / 3536403361426
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<b>Box Dimensions</b>	13,3 x 11,8 x 3,18 cm
<b>Usable Capacities (IDEMA)</b>	120GB, 240GB, 480GB, 960GB
<b>NAND Components</b>	3D NAND
<b>Interface</b>	SATA-III (6 Gb/s); Backwards compatible with SATA-II
<b>Form Factor</b>	2.5 inch slim (7mm)
<b>Dimensions (L x W x H)</b>	100 x 70 x 7 mm
<b>Weight</b>	45g

### PERFORMANCE

Density	120 GB	240 GB	480 GB	960 GB
Max Sequential Read (MBps)	515	535	550	535
Max Sequential Write (MBps)	490	500	500	515

### POWER

<b>Power Consumption</b>	2.0W Active, 0.3W Idle; Power management features
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### RELIABILITY / SECURITY

<b>MTBF</b>	2 million hours
<b>Secure Erase</b>	Standard, Enhanced Secure Erase
<b>Product Health Monitoring</b>	Self-Monitoring, Analysis and Reporting Technology (S.M.A.R.T)

### COMPATIBILITY

<b>Serial ATA</b>	Fully compliant with Serial ATA International Organization: Serial ATA Revision 3.1. Fully compliant with ATA/ATAPI-8 Standard Native Command Queuing (NCQ)
<b>Operating Systems</b>	Windows 10 32-bit/64-bit; Windows 8.1 32-bit/64-bit, Windows Vista 32-bit/64-bit; Windows 7 32-bit/64-bit; Linux ; Mac OS X
<b>Power Requirements</b>	Standard SATA Power Connector, 5V, 0.5A (Active)

### ADDITIONAL FEATURES

<b>Performance Optimization</b>	TRIM (requires OS support)
<b>Service &amp; Support</b>	3-Year Limited Warranty

**PNY**<sup>®</sup>  
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