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 560 MB/s and Write of up to 470 MB/s
• Random Read of up to 89 000 IOPS and Write of up to 87 000 IOPS
• 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:	
PNY Part Number	120 GB: SSD7CS900-120-PB / 3536403351717
	240 GB: SSD7CS900-240-PB / 3536403351724
	480 GB: SSD7CS900-480-PB / 3536403351731
Box Dimensions	13,3 x 11,8 x 3,18 cm
Usable Capacities (IDEMA)	120GB, 240GB, 480GB
NAND Components	TLC NAND Flash
Interface	SATA-III (6 Gb/s); Backwards compatible with SATA-II
Form Factor	2.5 inch slim (7mm)
Dimensions (L x W x H)	100 × 70 × 7 mm
Weight	45g

PERFORMANCE

Density	120 GB	240 GB	480 GB
Max Sequetial Read (MBps)	560	560	555
Max Sequetial Write (MBps)	450	460	470
Max Random Read (IOPS)	86 000	86 000	89 000
Max Random Write (IOPS)	81 000	80 000	83 000

POWER

Power Consumption	2.2W Active, 0.17W Idle; Power management features

RELIABILITY / SECURITY

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

COMPATIBILITY

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

ADDITIONAL FEATURES

Performance Optimization	TRIM (requires OS support)
Service & Support	3-Year Limited Warranty

PNY.
Make Life Simple™