

CS1000 Series

Consumer SSD: CS1111



The PNY CS1111 2.5-inch SATA III (6 Gb/s) SSD is the next generation of Optima SSD. It is an excellent choice for an entry-level solid state drive (SSD) upgrade from the hard disk drives (HDD). PNY CS1111 is designed for an easy and cost-effective HDD replacement in the existing PC system that helps realize faster boot times, quick application launch and great overall system storage performance improvement in a cost-effective way compared to the HDD. With no moving parts, PNY CS1111 is highly durable, less likely to fail and supports up to 3 years of warranty.

The PNY CS1111 is power-efficient and helps extend the battery life lasting longer than a HDD at a competitive price point. These SSDs are available in a range of capacities from 120 to 480 GB using MLC NAND flash memory. It's extensive testing ensures compatibility across various platforms, multiple Operating Systems and applications that just work hassle free right out of the box.

The PNY CS1111 SSD is the best choice for the entry-level price conscience consumer looking to upgrade their HDD to SSD for faster boot up, quicker loading of applications and power saving for longer battery life. The easy installation guide and bring up helps reap the upgrade benefits right away.

Reasons to Choose CS1111

APPLICATIONS

- PC Upgrade, Entry-level SSD, Faster boot up and application launch, reliable storage

HIGH PERFORMANCE: GET MORE DONE

- Sequential Read of up to 500 MB/s and Write of up to 300MB/s
- Random Read/Write up to 75,000 IOPS for performance and cost savings
- Faster application loading and boot compared to HDD

VALUE: ECONOMICAL

- Low-cost effective, fast boot up, HDD replacement and better performance

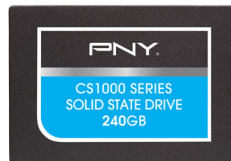
LOW POWER CONSUMPTION: LONGER BATTERY LIFE

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

RELIABLE: WARRANTY

- Three years limited warranty

Available Options



CS1111
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SPECIFICATIONS

Consumer SSD: CS1111

PNY Part Number	120 GB: SSD7CS1111120-* 240 GB: SSD7CS1111240-* 480 GB: SSD7CS1111480-*
UPC Code	
Box Dimensions	5.25" x 4.65" x 1.25"
Usable Capacities (IDEMA)	120GB, 240GB, 480GB
NAND Components	Multi-Level Cell (MLC) NAND Flash Memory
Interface	SATA-III (6 Gb/s); Backwards compatible with SATA-II
Form Factor	2.5 inch
Dimensions (L x W x H)	100 x 70 x 7 mm
Weight	80g
PERFORMANCE	
Sequential Max Read	Up to 500 MB/s
Sequential Max Write	Up to 300 MB/s
Random Read Operations (4kb)	Up to 75,000 IOPS
Random Write Operations (4kb)	Up to 60,000 IOPS
POWER	
Power Consumption	3W Typical, 1 W Idle
ENVIRONMENTAL	
Operating Temperature	0°C ~ 70°C
Storage Temperature	-55°C ~ 70°C
Certifications	RoHS, CE, FCC, REACH, BSMI
RELIABILITY / SECURITY	
Mean Time Before Failures (MTBF)	1 million hours
Endurance	Up to 160 TB Maximum data written
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
ADDITIONAL FEATURES	
Performance Optimization	TRIM (requires OS support)
Service & Support	3-Year Limited Warranty (1 year + 2 years on registration) Must be registered within 90 days of purchase. Toll free technical support lines

*RB (Retail Box), BLK (Bulk)

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

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