CS1000 Series

Consumer SSD : CS1111

Ideal for PC Upgrade

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
Consumer SSD

SPECIFICATIONS

Consumer SSD: CS1111

PNY Part Number	**120 GB:** **SSD7CS1111-120-RB / 751492580029** **240 GB:** **SSD7CS1111-240-RB / 751492580036** **480 GB:** **SSD7CS1111-480-RB / 751492580043**
Box Dimensions	**13,3 x 11,8 x 3,18 cm**
Usable Capacities (IDEMA)	**120GB, 240GB, 480GB**
NAND Components	**Multi-Level Cell (MLC) 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	**80g**

PERFORMANCE

Sequential Max Read	**120 GB, 240 GB : Up to 430 MB/s** **480 GB : Up to 460 MB/s**
Sequential Max Write	**120 GB, 240 GB : Up to 300 MB/s** **480 GB : Up to 415 MB/s**
Random Read Op. (4kb)	**120 GB, 240 GB : Up to 70,000 IOPS** **480 GB : Up to 71,000 IOPS**
Random Write Op. (4kb)	**120 GB, 240 GB : Up to 71,000 IOPS** **480 GB : Up to 73,000 IOPS**

POWER

Power Consumption	**2,5W Typical, 0,5W Idle**

ENVIRONMENTAL

Operating Temperature	**0°C ~ 70°C**
Storage Temperature	**-55°C ~ 70°C**
Certifications	**RoHS, CE, FCC, REACH, BSMI**

RELIABILITY / SECURITY

MTBF	**1 million hours**
Endurance	**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**

PNY®
Make Life Simple™