



CS1100 Series

Consumer SSD: CS1111



The PNY CS1111 2.5-inch SATA-III (6 Gb/s) solid state drive (SSD) is the next generation of Optima SSD. It's an excellent choice for an entry-level solid state drive (SSD) upgrade from a hard disk drive (HDD). PNY CS1111 was designed to be an easy and cost-effective HDD replacement for your existing PC system, helping to realize faster boot times, quicker application launch and better overall system performance – all in a more cost-effective way compared to an HDD. With no moving parts, the 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 to last longer than an 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. PNY'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 conscious consumer looking to upgrade their HDD to an 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.

HIGH PERFORMANCE, HIGH VALUE

- Sequential Read of up to 460 MB/s and Write of up to 415 MB/s
- Random Read/Write up to 71,000/73,000 IOPS
- Cost effective HDD replacement for faster boot up, quicker application loading, and 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



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SPECIFICATIONS

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Usable Capacities (IDEMA)	120 GB, 240 GB, 480 GB		
PNY Part Number	120 GB: SSD7CS1111-120-* 240 GB: SSD7CS1111-240-* 480 GB: SSD7CS1111-480-*		
Box Dimensions	5.25" x 4.65" x 1.25"		
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	240	480	Units
Max Sequential Read	430	460	MB/s
Max Sequential Write	300	415	MB/s
Max Random Read	70,000	71,000	IOPS
Max Random Write	71,000	73,000	IOPS
POWER	2.1W Active, 0.5W Idle; Power management features		
ENVIRONMENTAL	Operating Temperature 0°C ~ 70°C		
	Storage Temperature -55°C ~ 70°C		
	Certifications RoHS, CE, FCC, REACH, BSMI, RCM/C-Tick		
RELIABILITY / SECURITY	Mean Time Between Failures (MTBF) 1,000,000 Hours		
	Error Correction Code (ECC) Up to 66bits per 1K sector		
	Secure Erase Standard, Enhanced Secure Erase		
	Product Health Monitoring Self-Monitoring, Analysis and Reporting Technology (S.M.A.R.T)		
COMPATIBILITY	Fully compliant with SATA-IO: Serial ATA Revision 3.0. ATA ATAPI-8 Standard Native Command Queuing (NCQ)		
Serial ATA	Windows 8, Windows 7, Windows Vista™, Windows XP™, Linux, and Mac OS X		
Operating Systems	Standard SATA Power Connector		
Power Requirements	ADDITIONAL FEATURES		
Performance Optimization	TRIM (requires OS support)		
Service & Support	3-Year Limited Warranty ** Toll free technical support lines		

*RB (Retail Box), BLK (Bulk)

**Standard warranty is 1 year. Three year warranty granted upon registration at PNY.com within 90 days of purchase.

