

CS1300 Series

Consumer SSD : CS1311



Affordable Performance and Reliability

The **CS1311** SSD is a 2.5" SATA III 7mm internal Solid-State Drive (SSD) from PNY's CS1300 Value Family of Solid State Drives.

The PNY **CS1311** is an ideal SSD for reviving your laptop or desktop to experience the true speed of your PC or Mac. Maximize the existing investment in your computer by upgrading to the CS1311, and see a dramatic improvement in boot-up time, application loads, and the overall responsiveness of your system. The affordable and fast PNY CS1311 delivers the performance you want, at a cost-efficient price point.

- Tough and long lasting
- Lightning fast boot times and speedy application loads
- Consistent read/write performance
- Shock proof – PNY SSDs keep your data safe and protected
- Low power consumption keeps your battery running longer than ever before
- Cool, quiet operation

Reasons to Choose CS1311

APPLICATIONS

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

HIGH PERFORMANCE: GET MORE DONE

- Sequential Read of up to 550 MB/s and Write of up to 520MB/s
- Random Read/Write up to 80,000 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



CS1311
Consumer SSD

SPECIFICATIONS

Consumer SSD:

PNY Part Number	120 GB: SSD7CS1311-120-RB / 3536403346799
	240 GB: SSD7CS1311-240-RB / 3536403346805
	480 GB: SSD7CS1311-480-RB / 3536403346812

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 x 70 x 7 mm
Weight	80g

PERFORMANCE

Sequential Max Read (ATTO)	120 GB : Up to 560 MB/s 240 GB : Up to 560 MB/s 480 GB : Up to 560 MB/s
Sequential Max Write (ATTO)	120 GB : Up to 420 MB/s 240 GB : Up to 500 MB/s 480 GB : Up to 530 MB/s
Random Read Op. (4kb)	Up to 80,000 IOPS
Random Write Op. (4kb)	Up to 70,000 IOPS

POWER

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

RELIABILITY / SECURITY

MTBF	2 million hours
------	------------------------

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™

PNY Technologies Europe, 9 rue Joseph Cugnot, BP 40 181, 33708 Mérignac cedex FRANCE .
Features and specifications subject to change without notice. The PNY logo are registered trademarks of PNY Technologies, Inc.
All other trademarks are the property of their respective owners. © 2015 PNY Technologies, Inc. All rights reserved - Updated 30.11.2015