![PNY Make Life Simple logo]

Model Number	**PNY EP7011 80GB SSD**

PNY Part Number

80 GB: SSD7EP7011-080-RB

Overview

Enterprise Grade Quality & Reliability

The PNY EP7011 Enterprise Solid-State Drive (SSD) is specifically designed for Cloud Storage and Data Centers. The EP7011 is a 2.5-inch SATA III 7mm (6 Gb/s) SSD that is available in capacities of 80GB, 240GB and 480GB.

The EP7011 has the ability to transform your data center by delivering high performance and high reliability right to your enterprise applications. All PNY enterprise drives are put through extensive enterprise grade quality and reliability testing to ensure the lifetime of the drive. Featuring ultra-low power consumption and no moving parts, PNY SSDs in the data center generate less heat and offer increased durability, in turn lowering your TCO without compromising on performance or reliability.

- Optimized for read-intensive enterprise storage solutions
- Enterprise-grade quality & reliability
- On die data redundancy offers increased data protection
- Power Loss Imminent (PLI) protection keeps data safe in the event of an unplanned power loss
- DuraWrite technology to extend the endurance of the SSD
- S.M.A.R.T drive health monitoring
- AES-256 bit encryption
- Secure Erase
- Full end-to-end data path protection with enhanced ECC
- US-based technical support and customer service
- 5-year warranty
- Designed, Developed, Assembled and Tested in the USA
- TAA Compliant

Specifications

Capacity	80 GB
PNY Part Number	SSD7EP7011-080-RB
Type of drive	Solid State Drive
Form Factor	2.5 inch
Height*	7mm (9.5 mm with supplied 2.5mm spacer)
Interface	SATA III 6Gbits/sec (backward compatible with SATA II)
Sequential Read **	525 MB/s
Sequential Write **	460 MB/s
Random Read **	26,000 IOPS
Random Write **	34,000 IOPS
Read Latency **	0.21 ms
Write Latency **	0.1 ms
Controller	Seagate® SandForce® SF2581
NAND Type	MLC
Ideal For	Mission critical data; enterprise storage applications; system virtualization

*9.5mm with supplied 2.5mm spacer

**Steady state Performance/Latency numbers based on PNY internal testing. Performance measured using compressible data. Performance/Latency may vary based on host device/application