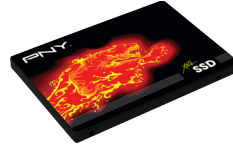


SSD Product Comparison



CS1111
Entry Level
Value SSD



CS2111
Media/Gaming
Performance SSD



CL4111
Corporate PC
Client SSD



EP7011
Data Center/Cloud
Enterprise SSD

Ideal For	PC upgrade & performance	Extreme gaming performance	Client grade for superior performance & enhanced security		Enterprise grade for data center & cloud storage solutions
Applications	<ul style="list-style-type: none"> • Entry-level SSD for PC upgrade • Faster boot up and application launch • Reliable storage 	<ul style="list-style-type: none"> • Reliable and safe multimedia storage • Gaming • PC Enthusiast • Boot drives 	<ul style="list-style-type: none"> • Supports multiple OS and business applications • Faster application launch • Corporate business PC and thin client • High Reliability and Security 		<ul style="list-style-type: none"> • Enterprise storage applications • Server virtualization • RAID configurations • Most commonly used data center environments
Interface	SATA-III, 6 Gb/s	SATA-III, 6 Gb/s	SATA-III, 6 Gb/s		SATA-III, 6 Gb/s
Form Factor	2.5-inch, 7mm	2.5-inch, 7mm	2.5-inch, 7mm		2.5-inch, 7mm
Capacity	120GB, 240GB, 480GB	240GB, 480GB, 960GB	240GB, 480GB	960GB	80GB, 240GB, 480GB
Controller	Silicon Motion SM2246EN	Silicon Motion SM2246EN	Seagate® SandForce® SF2281	Silicon Motion SM2246EN	Seagate® SandForce® SF2581
Max Sequential Read	460 MB/s	560 MB/s	540 MB/s	560 MB/s	500 MB/s
Max Sequential Write	415 MB/s	455 MB/s	500 MB/s	455 MB/s	450 MB/s
Max Random Read IOPs (4kb)	71,000 IOPS	71,000 IOPS	40,000 IOPS	71,000 IOPS	45,000 IOPS
Max Random Write IOPs (4kb)	73,000 IOPS	75,000 IOPS	85,000 IOPS	75,000 IOPS	75,000 IOPS
Use Condition	20GB/Day	30GB/Day	JESD 219A Client		JESD 219A Enterprise
MTBF	1 Million Hours	1.2 Million Hours	1.5 Million Hours		2 Million Hours
Warranty	3 Years*	4 Years**	5 Years		5 Years

Contact your PNY Account Manager or email: gopny@pny.com

*Standard warranty is 1 year. 3 year warranty granted upon registration at www.PNY.com. Product must be registered within 90 days of purchase

**Standard warranty is 2 years. 4 year warranty granted upon registration at www.PNY.com. Product must be registered within 90 days of purchase.

SSD Product Comparison



CS1111
Entry Level Value SSD



CS2111
Media/Gaming Performance SSD



CL4111+
Corporate PC Client SSD



EP7011
Data Center/Cloud Enterprise SSD

	Good	Better	Best	Best
Bootable	✓	✓	✓	✓
Up to 10x faster than HDD	✓	✓	✓	✓
Error Correction Code	✓	✓	✓	✓
Secure Erase	✓	✓	✓	✓
TRIM Support	✓	✓	✓	✓
SMART Features	✓	✓	✓	✓
Power Management Features (Sleep, Idle)	✓	✓	✓	✓
Validation by Industry Leading Experts	✓	✓	✓	✓
JESD 219A Client Usage – 8hr/day	✓	✓	✓	
Entry level, Low-Cost Option	✓			
Media/Gaming Optimized		✓		
Office Workload Optimized			✓	
AES 256-bit Encryption - Security			✓	✓
End-to-End Data Path Protection			✓	✓
JESD 219A Enterprise Usage – 24hr/day				✓
QoS/Latency Optimization				✓
RAID 0,1,5 Support				✓
Power Loss Protection				✓
I/O Consistency				✓
PNY Part Number	120 GB: SSD7CS1111-120-RB 240 GB: SSD7CS1111-240-RB 480 GB: SSD7CS1111-480-RB	240 GB: SSD7CS2111-240-RB 480 GB: SSD7CS2111-480-RB 960 GB: SSD7CS2111-960-RB	240 GB: SSD7CL4111-240-RB 480 GB: SSD7CL4111-480-RB 960 GB: SSD7CL4111-960-RB	80 GB: SSD7EP7011-080-RB 240 GB: SSD7EP7011-240-RB 480 GB: SSD7EP7011-480-RB

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* 960GB capacity uses the SM2246EN controller

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DESIGNED, DEVELOPED
& ASSEMBLED IN THE 