| Controller | | PS3112-S12 | | |

Capacity[1]	256GB	512GB	1024GB	2048GB
Interface	SATA III 6Gb/s			
Form Factor	2.5"			
NAND Flash	3D TLC			
Performance (Up to)[2, 3]				
Sequential Read	550 MB/s	550 MB/s	550 MB/s	550 MB/s
Sequential Write	530 MB/s	530 MB/s	530 MB/s	530 MB/s
4K Random Read	100K IOPS	100K IOPS	100K IOPS	100K IOPS
4K Random Write	90K IOPS	90K IOPS	90K IOPS	90K IOPS
Power				
Supply Voltage	2.5" 5V			
Max (Average)	TBD	TBD	TBD	TBD
Active (Average)[4]	2 W	2.3 W	2.5 W	2.7 W
Idle	TBD	TBD	TBD	TBD
DEVSLP	5 mW	5 mW	5 mW	5 mW
Temperature				
Operating	0°C - 70°C			
Non-Operating	-40°C - 85°C			
Advanced Features	• Power Loss Data Protection • End-to-End Data Protection • Thermal Monitoring			

[1] 1GB = 1,000,000,000 bytes
[2] 1MB/s = 1,000,000 bytes / second
[3] Performance is based on Crystal Disk Mark 6.0.0, test size 1GiB, and test drive set as secondary
[4] Measured with MobileMark 2014