

Controller

PS3016-P9

Interface	PATA	CF 6.0
Form Factor	2.5"	CF card
NAND Flash	2D SLC, 2D MLC	
Capacity ¹	1GB ~ 256GB	128MB ~ 128GB
Performance (Up to)^{2,3}		
Sequential Read	60 MB/s	68 MB/s
Sequential Write	65 MB/s	72 MB/s
Random Read	TBD	TBD
Random Write	TBD	TBD
Power		
Supply Voltage	3.3V± 5% or 5.0V ± 5%	3.3V± 5% or 5.0V ± 5%
Max (Average)	TBD	TBD
Active (Average) ⁴	800 mW	800 mW
Idle	20 mW	20 mW
DEVSLP	NA	NA
Temperature		
Operating	0°C - 70°C -40°C - 85°C	
Non-Operating	-40°C - 85°C	
Advanced Features	<ul style="list-style-type: none"> • Static and Dynamic Wear Leveling • Bad Block Management • Firmware Update 	

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