



SS Series Specifications

General	
Model	SS-8
Form Factor	2.5 Inchs
Interface	SATA-II
Flash Type	MLC
Capacity Range	128GB
	256GB
Performance	
Host Transfer Rate	3Gbps (300MB/s)
Maximum Sequential Read Rate	280 MB/s
Maximum Sequential Write Rate	270 MB/s
Read IOPS@4kb	50,000
Write IOPS@4kb	35,000
Electrical	
Voltage	5V $\pm$ 5%
Active	Max 2W
Idle	Max 0.5W
Standby	Max 0.3W
Sleep	Max 0.3W
Reliability	
S.M.A.R.T	Support
MTBF	2,000,000 Hours
Environment	
Operating Temperature	0°C to 70°C
Non-Operating Temperature	-55°C to 95°C
Operating Shock	1500G, (@ 0.5msec half sine wave)
Non-Operating Shock	1500G, (@ 0.5msec half sine wave)
Vibration	20G Peak, 10 ~ 2000Hz, (15mins/ Axis) x3 Axis
Humidity	0°C to 55°C / 90~95% RH
Physical	
Length	100mm
Width	70mm
Height	9.5mm
Weight	72 ~ 82g

Note: 1 megabyte (MB) = 1 million bytes; 1 gigabyte (GB) = 1 billion bytes

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