



K-Series Specification

General		
Model	K5	K6
Form Factor	2.5 inches	
Interface	SATA-II	
Flash Type	SLC	MLC
Capacity Range	16GB	32GB
	32GB	64GB
	64GB	128GB
	128GB	256GB
Performance		
Host Transfer Rate	3Gbps (300MB/s)	3Gbps (300MB/s)
Maximum Sequential Read Rate	250 MB/s	250 MB/s
Maximum Sequential Write Rate	200 MB/s	190 MB/s
Read IOPS@4kb	8000	7000
Write IOPS@4kb	6000	2000
Electrical		
Voltage	5V ±5%	
Active	Max 2W	
Idle	Max 0.5W	
Standby	Max 0.3W	
Sleep	Max 0.3W	
Reliability		
S.M.A.R.T Support	Yes	
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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