

K-Series SSD Specification

General

	K5	K6
Model	2.5 inches SSD	
Interface	SATA-II (3Gbps)	
Flash Type	SLC	MLC
	32GB (K5-32)	32GB (K6-32)
	64GB (K5-64)	64GB (K6-64)
Capacity	128GB (K5-128)	128GB (K6-128) 256GB (K6-256)

Performance

	K5	K6
Host Transfer Rate	3Gbps (300MB/s)	3Gbps (300MB/s)
Maximum Sequential Read Rate	240MB/s	200MB/s
Maximum Sequential Write Rate	170MB/s	160MB/s
Read IOPS	7500	6700
Write IOPS	7000	3000

Electrical

Voltage	5V ±5%
Active	Max 2W
Idle	Max 0.5W
Stanby	Max 0.3W
Sleep	Max 0.3W

Reliability

S.M.A.R.T Support	Yes
MTBF	2,000,000 Hours

Environment

Temperature	
Operating	0°C to 70°C
Non-Operating	-55°C to 95°C
Operating	1500G, (@ 0.5msec half sine wave)
Non-Operating	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	72g

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