

K8 Series Specification

General

K8	
Model	K8
Interface	SATA (3Gbps)
Controller	SandForce 12XX
Flash Type	MLC
Capacity	60GB/120GB/240GB

Performance

Host Transfer Rate	3Gbps (300MB/s)
Average Sequential Read Rate	280MB/s
Average Sequential Write Rate	270MB/s
Read IOPS @4kb	30000
Write IOPS@4kb	15000

Electrical

Voltage	5V ±5%
Active	Max 2W
Idle	Max 0.5W
Standby	Max 0.3W
Sleep	Max 0.2W

Reliability

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

Environment

Operating Temperature	-10°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	72~88g

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