

P-Series Specification

General		
Model	P1	P2
Form factor	2.5 inches	
Interface	IDE (1.5Gbps)	
Flash Type	SLC	MLC
Capacity Range	16GB (P1-16)	32GB (P2-32)
	32GB (P1-32)	64GB (P2-64)
	64GB (P1-64)	128GB (P2-128)
	128GB (P1-128)	256GB (P2-256)
Performance		
Host Transfer Rate	1.5Gbps (150MB/s)	1.5Gbps (150MB/s)
Maximum Sequential Read Rate	120MB/s	120MB/s
Maximum Sequential Write Rate	70MB/s	70MB/s
Write IOPS@4kb	3600	3000
Write IOPS@4kb	300	150
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	79 ~ 88g	

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