

Z5 / Z6 series Datasheet

General		
	Z6	Z5
Model	1.8”	
Interface	Zif interface	
Flash type	MLC	SLC
Capacity	32GB	16GB
	64GB	32GB
	128GB	
Performance		
Maximum Sequential Read Rate	100MB/s	100 MB/s
Maximum Sequential Write Rate	70 MB/s	90MB/s
Write IOPS@4kb	6000	7000
Read IOPS@4kb	1700	5000
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	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	72mm	
Width	55mm	
Height	5mm	
Weight	40g	

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