

2.5" SATA SSD

Model		ISS5333		ISS5332		SR1010
Interface		SATA 22PIN	SATA 22PIN	SATA 22PIN	SATA 22PIN	SATA 22PIN
Capacity		120GB~1TB	128GB~1TB	8GB~256GB	16GB~1TB	100GB~480GB
Operating Voltage		5V	5V	5V	5V	5V
Flash Type		3D MLC	3D TLC	SLC	MLC	MLC
Sequential Read (max.)		560MB/s	550MB/s	560MB/s	560MB/s	550MB/s
Sequential Write (max.)		525MB/s	500MB/s	450MB/s	450MB/s	530MB/s
Data Transfer Mode		SATA III 6.0Gbps	SATA III 6.0Gbps	SATA III 6.0Gbps	SATA III 6.0Gbps	SATA III 6.0Gbps
Operating Temperature	Commercial	-10°C to +80 °C	0 °C to +70 °C	-10°C to +80 °C	-10°C to +80 °C	0°C to +70 °C
	Industrial	-40°C to +90 °C	-40°C to +85 °C	-40°C to +90 °C	-40°C to +90 °C	—
Operating Humidity		0°C to +55°C 5%~95% RH non-condensing	0°C to +55°C 5%~95% RH non-condensing	0°C to +55 °C 5%~95% RH non-condensing	0°C to +55°C 5%~95% RH non-condensing	0°C to +55°C 5%~95% RH non-condensing
Power Consumption (max.)		2.7W	3.96W	4.6W	4.6W	2.74W
MTBF		>2,000,000 hrs	>2,000,000 hrs	>2,000,000 hrs	>1,500,000 hrs	>2,000,000 hrs
Vibration Resistance		20G (10~2000Hz)	20G (10~2000Hz)	20G (80~2000Hz)	20G (80~2000Hz)	20G (80~2000Hz)
Shock Resistance		1500G/0.5ms, Half Sine Wave	1500G/0.5ms, Half Sine Wave	1500G/0.5ms, Half Sine Wave	1500G/0.5ms, Half Sine Wave	1500G/0.5ms, Half Sine Wave
Dimensions (L x W x H)		100.45 x 69.85 x 7mm	100.45 x 69.85 x 7mm	100.45 x 69.85 x 7mm	100.45 x 69.85 x 7mm	100.45 x 69.85 x 7mm
S.M.A.R.T.		Supported	Supported	Supported	Supported	Supported
Write Protection		—	—	—	—	—
Quick Erase		—	—	—	—	—
H/W PLP Function		—	—	Optional	Optional	Supported
A+ SLC Mode		—	—	—	—	—
Features		<ul style="list-style-type: none"> · Complies with ATA-8 Standard · NCQ Command set supported · Trim Command supported · DEVSLP supported 		<ul style="list-style-type: none"> · Flash Management · Error Correcting Code (ECC) · Wear Leveling function · H/W Power Detector and Flash Protection 		
Applications		Transport, Personal Computing, Interactive Device, Server, Networking, Medical Application, Military, Aerospace				