



RunCore SSD- Military Series

	2.5 " /1.8"Invincible SSD III SATA	2.5 " /1.8"Invincible SSD III PATA	2.5 " Invincible SSD II PATA
Capacity	8GB~128GB	8GB~128GB	4GB~64GB
Flash Media	SLC/MLC	SLC/MLC	SLC/MLC
Interface	SATAII	PATA	PATA
Dimension	100.2mm×69.85mm×9mm	100.2mm×69.85mm×9.3mm	100.2mm×69.85mm×9.3mm
Weight	<120g	<120g	<110g
Performance			
Max. sustained Read transfer (MB/sec)	160/150	75/70	50
Max. sustained Write transfer (MB/sec)	130/90	35/30	30
Reliability			
MTBF	MTBF>2,000,000 hours Under MIL-STD-810F GJB150 GJB322A-98	MTBF>2,000,000 hours Under MIL-STD-810F GJB150 GJB322A-98	MTBF>2,000,000 hours Under MIL-STD-810F GJB150 GJB322A-98
ECC	6/8/10 bytes in 512 data bytes depends on Flash type	Correction of 48 bits (min) in 512bytes of data	Correction of 48 bits (min) in 512bytes of data
Vibration	5G(10~2000Hz)	5G(10~2000Hz)	5G(10~2000Hz)
Shock	1500G/0.5ms; 50G/11ms	1500G/0.5ms; 50G/11ms	1500G/0.5ms Average:15G
Endurance	>10 years	>10 years	/
Power Consumption			
Operation Mode	I:<400mA Voltage:5.0V	I:<400mA Voltage:5.0V	I:<180mA Vin:5.0V
Sleep Mode	I:<125mA Voltage:5.0V	I:<125mA Voltage:5.0V	I:<20mA Vin:5.0V
Operating Temperature			
	Extended Temperature Grade (-45°C~+85°C); Military Temperature Grade(-55°C~+125°C)		
Option			
Extended	Custom Unique ID; Intelligent Destruction (Custom)	Custom Unique ID	Custom Unique ID
Conformal Coating	1A33 (Polyurethane), 1B31 (Acrylic)	1A33 (Polyurethane), 1B31 (Acrylic)	1A33 (Polyurethane), 1B31 (Acrylic)

"Secure Erase" Function	3GB/s speed	3GB/s speed	3GB/s speed
Industry Standards Certification & Regulatory			
	3C,FCC, CE, RoHS, UL/CUL		
Warranty			
	5 years (Free after service for the first 3 years plus chargeable after service for the next 2 years)		