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## RunCore InVincible III 2.5" SATA SSD

RCV- III -S25XX-X



InVincible III 2.5 " SATA interface solid-state drive adopts advanced SSD controller and NAND Flash chip, which is compatible with SATA2.0 protocol and support PIO-4、MWDMA-2 and UDMA-5 transfer rate .The product supports mainstream OS, such as Windows\Linux\Unix\ Solaris\Vxworks ,supports the storage capacity ranging from 8GB to 256GB ( SLC support to 128GB ) and can be mainly used in medical, automotive, aerospace and other industrial applications operated under complex environment.

### RunCore InVincible III 2.5" SATA SSD Features

Interface	SATA
Dimension	100.2 mm × 69.85 mm × 9 mm
Capacity	8GB~128GB
Flash Media	NAND FLASH
Write Rate Max <sup>①</sup>	130MB/s
Read Rate Max <sup>②</sup>	160MB/s
Power Consumption <sup>③</sup>	Operation Mode: I:<400mA Vin:5.0V Sleep Mode: I:<125mA Vin:5.0V
Operation Temperature	Extended Temperature Grade (-40°C~+85°C) Super Wide Temperature Grade (-45°C~+95°C) Military Temperature Grade (-55°C~+125°C)
Weight <sup>④</sup>	<120g
Reliability	MTBF>1,000,000 小时
Vibration	5G(10~2000Hz)
Shock	1500G/0.5ms; 50G/11ms
ECC	Correction of 48 bits (min) in 512bytes of data
Data Retention(at 25°C)	>10 years

①,②,③,④: The write/read max rate, power consumption and weight vary with different capacity of products.