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## RunCore InVincible III 1.8" PATA SSD



### RCV- III -P18XX-X

RunCore InVincible III 1.8" PATA interface solid-state drive adopts advanced SSD controller and NAND Flash chip, which is compatible with ATA-7 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 128GB (SLC support to 64GB) and can be mainly used in medical, automotive, aerospace and other industrial applications operated under complex environment.

## RunCore InVincible III 1.8" PATA SSD Features

Interface	PATA
Dimension	70 mm × 60 mm × 8 mm
Capacity	8GB ~ 64GB
Flash Media	NAND FLASH
Write Rate Max <sup>①</sup>	35MB/s
Read Rate Max <sup>②</sup>	75MB/s
Power Consumption <sup>③</sup>	Operation Mode: I:<400mA Vin:5.0V Sleep Mode: I:<150mA 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>	<80g
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.