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## RunCore Elite III 1.8" SATA SSD

RCE-III-S18XX-XX



RunCore Elite III 1.8" SATA interface solid-state drive adopts advanced SSD controller and NAND Flash chip, which is compatible with SATA 2.0 protocol and support 3.0 Gb/s transfer rate.

RunCore Elite III 1.8" SATA interface solid-state drive takes a more lightweight, more flexible SATA interface. The flash uses eight-channel mode, with the maximum sustained read and write speed of 150 MB/s and 90 MB/s.

### RunCore Elite III 1.8" SATA SSD Features

Interface	Micro SATA
Dimension	78.5 mm × 54 mm × 5 mm
Capacity	MLC: 8 GB~128 GB    SLC: 8 GB~64 GB
Flash Media	NAND FLASH
Sustained Write rate Max <sup>①</sup>	MLC: 90 MB/s    SLC: 130 MB/s
Sustained Read rate Max <sup>②</sup>	MLC: 150 MB/s    SLC: 160 MB/s
Power Consumption <sup>③</sup>	Operation Mode: I<400 mA    Voltage: 5.0 V Sleep Mode: I<125 mA    Voltage: 5.0 V
Operation Temperature	Commercial Grade(0 °C~+70 °C) Industrial Grade(-20 °C~+70 °C) Extended Temperature Grade(-40 °C~+85 °C)
Weight <sup>④</sup>	<80 g
Reliability <sup>⑤</sup>	MTBF>1,000,000 hours; Under MIL-STD-810F GJB150 GJB322A-98
Extended	Custom Unique ID; Rapid Destruction ( Custom ) <sup>⑥</sup>

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

⑤: The Elite series did the temperature test only.

⑥: The information of custom function, please refer to the instruction.