2.5" Rugged SATA3

(Amphenol Connector)
Military SSD Series

RunCore® SSD

RunCore Military "InVincible Series"

RunCore Military products are one of the best SSD in the market. With its high reliability and excellent features, this 2.5" Rugged SATA III SSD is designed with outstanding performance and wide range of applications. This is the best product for rugged computer, avionics, aerospace, naval and even in high security. The connector is using R-SATA Amphenol best use for aerospace and with 100,000 x mating cycles.

This series SSD compliant with Serial ATA Revision, compatible with 3.0Gbps and 1.5Gbps interface rate and support Native Command Queuing (NCQ) up to 32 commands. It offers longer SSD lifetime with lower write amplification and wear leveling factor(WLF). This is the best solution to the extreme environmental condition , this is compliance with MIL-STD-810G.

Rugged 2.5" SATA3 SSD

RCV-VI-R25XX-XXX

➤ Form Factor: 2.5'' SSD SATA3 with
RSATA Amphenol Connector

➤ Supports SATA III standard protocol, compatible with SATA II

➤ Capacity:
  o SLC: 512GB (max
  o MLC: 2TB (max)

➤ Performance:
  o *4KB Random Read 50K IOPS*
  o *4KB Random Write 25K IOPS*
  o *Sequential Write 560MB/s(max)*
  o *Sequential Write 450MB/s USB (max)*

➤ Operating Temperature:
  o *-40℃ to +85℃*
  o *0℃ to +70℃*

➤ Power Supply:
  o *5V±5% (Max 1.5A), maximum power consumption 4.5W*

➤ Physical Features:
  o *Dimension 100.2mmx 69.85mmx 9mm*
  o *Weight ≤ 100g*

➤ Data Security:
  o *With conformal coating*
  o *AES 256-bit Encryption*
  o *Supports ATA command data erasure*
  o *Supports one-key data erasure (GPIO external pin)*
  o *Supports one-key physical destruction (12V standard power supply or custom DC power supply below 28V)*
  o *Supports power failure protection*

➤ Standard Compliance/ Support:
  o *MIL-STD-810*
  o *SATA IO*
  o *JEDEC Endurance*

RunCore® SSD

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"Speed up the world"

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