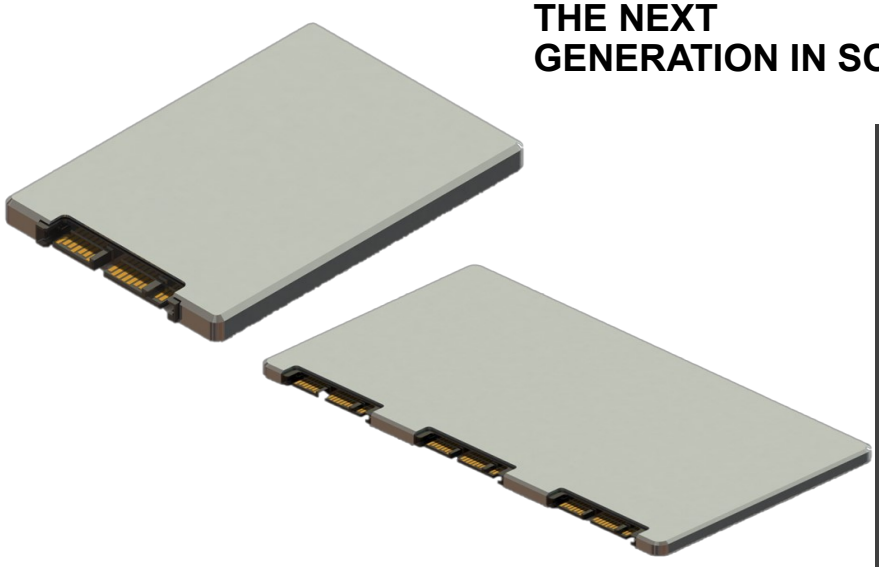
RHyTHM 256GB, 1TB SSD

IRVINE SENSORS® CORPORATION

THE NEXT GENERATION IN SOLID STATE DRIVE TECHNOLOGY



RHyTHM is Irvine Sensors' Reconfigurable, Hybrid, Three-dimensional Memory Module technology for high-density SSDs. With Irvine Sensors' RHyTHM technology, high bandwidth and high capacity storage is a reality for continuous and simultaneous recording of multiple high bandwidth data sources such as high-definition video, cock-pit video and audio, sensors like RADAR and LIDAR, thermal imaging and instrumentation.

Irvine Sensors' patented Unlimited Scalable Interconnect Architecture (USIA) allows the system memory density to scale at arbitrary levels to support any current or future storage-solution requirements.

Optional artificial neural net computing for big data classification and or reduced retrieval time and enhanced back-end analysis.

- **8X Increase in Memory Density over present state-of-the-art package technology**
- **256GB and 1TB Capacity SSDs**
- **5-10x Reduction in SWaP**
- **Up to 320 Gbps Throughput**
- **Interfaces SATA, USB**
- **Environmentally sealed MIL-STD-810F**
- **AES-256 with Secure Erase Technology**
- **DAL-A, B, & C Certifications Available**

Let Irvine Sensors help you meet your growing memory needs. Contact us today for further information.

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CORPORATION

RHyTHM SSD

THE NEXT GENERATION IN SOLID STATE DRIVE TECHNOLOGY

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8X Increase in Memory Density over present state-of-the-art package technology

64TB and 128TB Capacity SSDs

5-10x Reduction in SWaP

Up to 320 Gbps Throughput

Interfaces
GbE, ARINC-801, optical, fibre channel

Environmentally sealed MIL-STD-810F

AES-256 with Secure Erase Technology

DAL-A, B, & C Certifications Available

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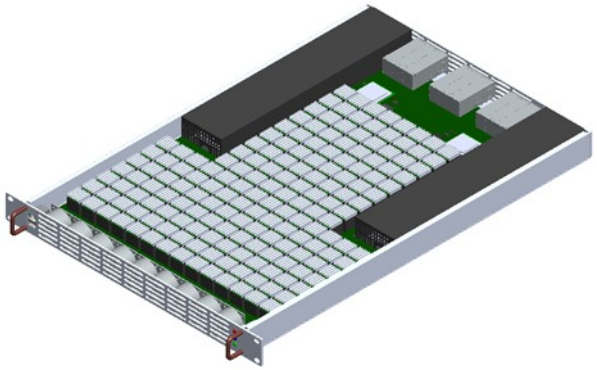
Data Center SSD (DSSD)



Petabyte and greater per module

Near Exabyte in racks!

DSSD is Irvine Sensors' Reconfigurable, Hybrid, Three-dimensional Memory Module technology for high-density SSDs. With Irvine Sensors' RHyTHM technology, high bandwidth and high capacity storage Irvine Sensors' patented Unlimited Scalable Interconnect Architecture (USIA) allows the system memory density to scale at arbitrary levels to support any current or future storage solution requirements. Optional artificial neural net computing for big data classification and or reduced retrieval time and enhanced back-end analysis.

8X Increase in Memory Density over present state-of-the-art package technology

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1, 2, 4, 8 PB Capacity SSDs (moves ~6x market availability)

5-10x Reduction in SWaP

Up to 320 Gbps on numerous channels create insane throughput opportunities

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Interfaces
GbE, ARINC-801, optical, fibre channel

AES-256 with Secure Erase Technology

Available

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