

# SR-71

## SSD-Optimized Storage Appliance



The STORION™ SR-71 product family balances the latest Processor, Memory, Network I/O and System level performance with the latest development in drive technologies: Solid State Disks. Built from the ground up as an SSD-optimized Storage Appliance, not just a drive enclosure with new drives, the STORION™ SR-71 enables you to rapidly streamline the performance of your high per-formance mission critical applications that have been previously limited by spinning disk performance.

### Benefits Of The STORION™ SR-71 Include:

- 600,000 IOPS or 3.2 GBps, Dramatic increase in storage performance
- Fully Solid State, Extremely stable, high-reliability platform
- 500 Watt System, Significant savings in power and cooling
- Compact 2U Server, Compare to racks full of rotating disks

### Applications

- Databases
- Video Editing
- Financial Modeling
- Rendering
- HPC
- Data Acquisition
- Web Content
- Simulation
- Hot Files
- Software Development

### Built In Flexibility

- 1-14 TB SSD RAID
- SAN and/or NAS with iSCSI CIFS NFS
- RAID options: 0, 5, 10
- Optional 10Gb Ethernet connectivity
- Optional 40Gb InfiniBand Ports (QDR)
- Optional 8GB Fibre Channel



# HOW DO YOU STORE DATA FOR YOUR HIGH PERFORMANCE APPS?

MULTIPLE RACKS OF LEGACY BIG SAN STORAGE SOLUTIONS



300TB RAW, 225TB USABLE  
150,000 THEORETICAL IOPS  
\$1M OR 0.15 IOPS/\$  
0.67 IOPS/GB  
16KW OR 9 IOPS/WATT  
715 IOPS / RACKUNIT

150 DIRECT ATTACHED  
15K DRIVES SHORT STROKED  
FOR OPTIMAL PERFORMANCE



30TB RAW, 5TB USABLE  
50,000 IOPS  
\$300K OR 0.17 IOPS/\$  
10 IOPS/GB  
7KW OR 7 IOPS/WATT  
4000 IOPS / RACKUNIT



14TB RAW, 10TB USABLE  
600,000 IOPS  
\$60K OR 10 IOPS/\$  
60 IOPS/GB  
500W OR 1200 IOPS/WATT  
300,000 IOPS / RACKUNIT

## Better than Green:

In CRN tests this is what they discovered

*“On the subject of power, the SR-71 consumes remarkable little. When running with a moderate load the SpeedServer consumes just 191 Watts, compared with 345, Watts, of a two socket server tested recently by CRN. With all drives running full bore, consumption increased to 335Watts, compared with an average server consumption of 453 Watts according to Vertatique.com, which follows trends in energy-efficient IT.”*

## Specification

### System Features

- Intel® Xeon® E5 Processors
- SSD Optimized Hardware RAID Controllers
- Industry Leading SSD Options: MLC/eMLC/SLC
- Up to 256GB DDR3 1600 Memory

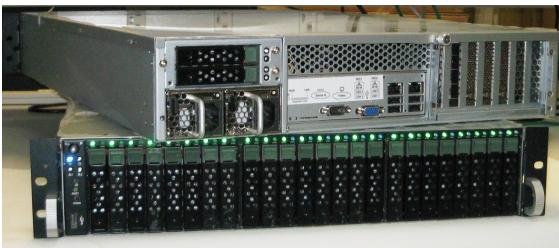
### 2U Rackmount Chassis

- (24) Storage SSDs in front hot-swap trays
- (2) Boot SSDs in rear hot-swap trays
- 3.45”(H) X 17.5(W) X 26” (D)
- 640W Redundant Power Supply
- 44lbs.

### Assembled in the USA

All STORION™ systems are built, tested and supported from our headquarters in Long Island, NY, USA.

Worldwide field service is available. Service terms of up to 5 years are available. 7-day x 24-hour on-site service contracts with a 4-hour response are available. Service contracts including on-site diagnosis and repair are available.



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