



Kronos 2U 24SSD Full Flash Storage Platform

The 2CRSI Kronos 2U 24SSD is designed to accommodate into a new or existing IT environments. In particular where a high input/output load is requested.

By combining extreme IOPS, responsiveness from 24x Intel® SSD S3520 series, and reliability of the hardware, Kronos 2U 24SSD system is ideal for hot storage.

The system is housing up to 2x E5-2600 v4 family processor, 2 redundant power supply and 2 ports 1Gb/s or 2x 10Gb/s (option), in only 2U form factor, which allow you to execute the most complex workloads.

Intel® SSD DC S3520 Series feature power loss protection, end-to-end data protection (AES 256b encryption) with consistently amazing performance. They can be used for many applications such as SQL Database, workstation, 3D modeling, virtualization workloads etc. Intel®DC S3520 Series provide the highest requirement for the data centers; the ability to run 24/7, manage complex applications, and deliver accurate data reliably, data center SSDs provide significant performance benefits over consumer SSDs.

2CRSI offers tailor-made servers and storage solutions for many types of industries. Our experience & skills in high-performance solutions are the best way to enhance your business with significant cost-effectiveness.

KEY BENEFITS

ULTRA DENSE PLATFORM

2CRSI Kronos 2U 24SSD centralize 24 Solid-State Drives in 2U form factor, this 2CRSI solution make it possible to benefit of 38.4TB.

POWERED BY INTEL® SOLID STATE DRIVE DC S3520

Consistent high performance optimized for data centers, cloud, and intelligent systems' read-intensive applications.

AFFORDABLE ENTERPRISE CLASS PERFORMANCE AND RELIABILITY

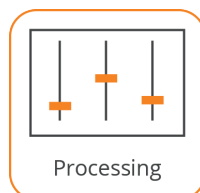
Kronos 2U 24SSD delivers enterprise-class performance based on the latest Intel® Xeon® processor E5-2600 v4 product family and DDR4 memory technology. Despite its compact size, it retains scalability and reliability. The server supports fan and PSU redundancy to maintain application performance even if one of these critical components fails.

INTEL CACHE ACCELERATION SOFTWARE

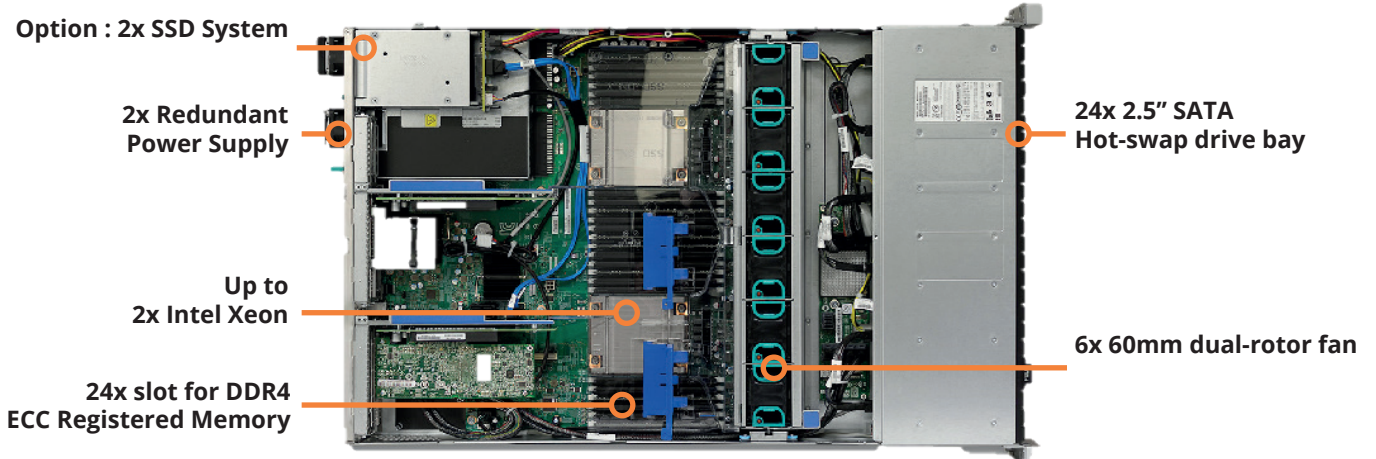
Boost your performances with INTEL CAS®, combined with high-performance Solid State Drives (SSDs), increases data center performance via intelligent caching rather than extreme spending.



APPLICATIONS



PRODUCT VIEW



HARDWARE SPECIFICATIONS

Form Factor	2U Rack Mount Chassis
Dimension	16.93" x 27.95" x 3.44"
Processor	Intel® Xeon® E5-2600 v4 Family
Motherboard	Intel® S2600WT
Memory	4x DDR4 ECC Registered
Storage	24x 2,5" Front Hotswap Tray
Power Supply	1100W Redundant Power Supply
Network	<ul style="list-style-type: none"> • 2x 1Gb/s ports • 1x IPMI port
Fans	60mm x 60mm x 38mm
Operating Systems	Windows, Linux
Software	Intel Cache Acceleration Software
Warranty	3 years

Option

Network	<ul style="list-style-type: none"> • 2x 10Gb/s ports (option) • 2x SFP+ 10Gb/s ports (option) • 1x QSFP+ 40Gb/s port (option) • 2x QSFP+ 40Gb/s ports (option)
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Intel® SSD DC S3520 Series

Capacity	1.6TB
Random 4K Read	Up to 67.5k IOPS
Random 4K Write	Up to 17k IOPS
Endurance Rating (Lifetime Writes)	Up to 2925TB Written
Sequential Read	Up to 450MB/s
Sequential Write	Up to 380MB/s
Power - Active	3.5W
Idle Power	600mW

* One MB is equal to one million bytes, one GB is equal to one billion bytes, one TB equals 1,000GB (one trillion bytes) and one PB equals 1,000TB when referring to storage capacity. Usable capacity will vary from the raw capacity due to object storage methodologies and other factors.

For further information please contact your 2CRSI representative:



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