

Kronos H-Flash Hybrid Flash Solution



Kronos H-Flash is a hybrid solution made up of two type of storage, it centralizes 4 SSD SATA combined to the new technology of the SSD NVMe. For more performance, 4 SSD NVMe give to the 2CRSI's solution an exceptional transfert capacity of data.

By combining extreme IOPS, responsiveness from 4x Intel© SOLID STATE DRIVE S3520 series SATA and 4x Intel© SOLID STATE DRIVE P3520 series NVMe, and reliability of the hardware, Kronos H-Flash system is ideal for your intensive enterprise applications.

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

Intel© SSD DC S3520 Series (SATA) and P3520 Series (NVMe) 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, virtualization workloads etc. Intel© SSD DC P3520 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 CHASSIS

2CRSI Kronos H-Flash is design for optimal performance and power efficiency, in a very compact 1U enclosure. It centralizes 14.4TB of flash storage with hot-swaps drives.

POWERED BY INTEL© SOLID STATE DRIVE DC S3520 & P3520

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

AN INSANELY FAST FUTUR WITH SSD NVMe TECHNOLOGY

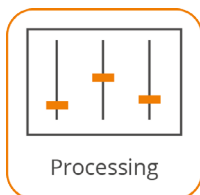
NVMe Drives are specially designed to take advantage of the unique properties of pipeline-rich, randomaccess, memory-based storage and can boost entire systems. Thanks to NVMe technology, you will be able to reach speeds of 1700MB/s in sequential read, almost 3 times more than an traditional SSD.



APPLICATIONS



Hot Storage



Processing

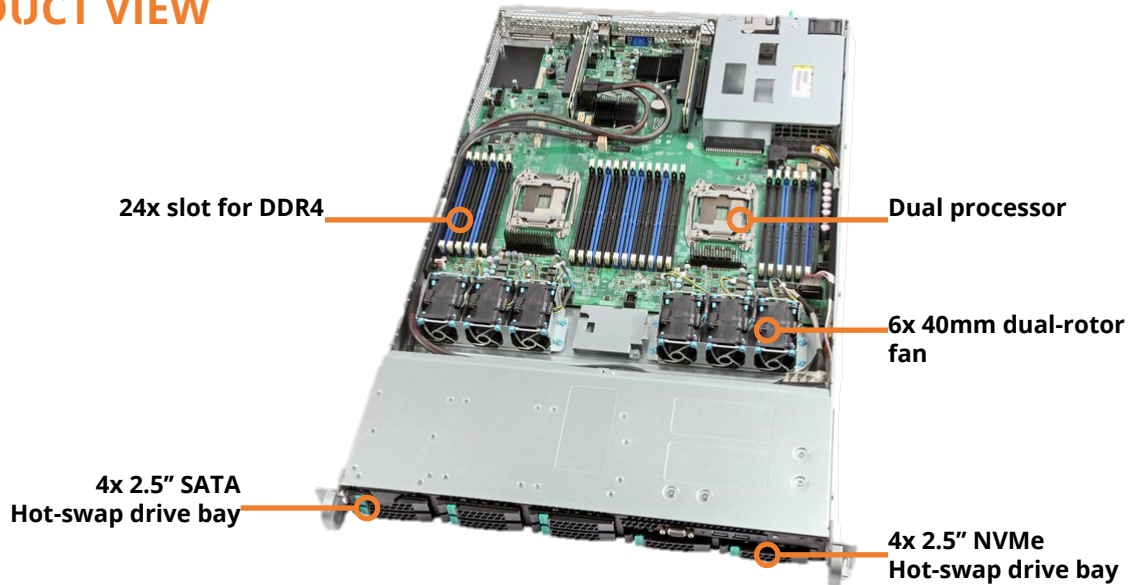


High-Speed Transfer



Hyperconvergence

PRODUCT VIEW



HARDWARE SPECIFICATIONS

Form Factor	1U Rack Mount Chassis
Dimension	16.93" x 27.95" x 1.72"
Processor	Up to 2x Intel® Xeon® E5-2600 v4 Family
Motherboard	Intel® S2600WT
Memory	Up to 24x DDR4 ECC Registered
Storage	4x 2,5" SATA Drive 4x 2.5 NVMe Drive
Power Supply	750W Redundant Power Supply
Network	<ul style="list-style-type: none"> • 2x 1Gb/s ports • 1x IPMI port
Fans	40mm x 40mm x 56mm Dual-Rotor
Operating Systems	Windows, Linux
Warranty	3 years
Option	
Network	<ul style="list-style-type: none"> • 4x 1Gb/s ports (option) • 2x 10Gb/s ports (option) • 2x SFP+ 10Gb/s ports (option) • 1x QSFP+ 40Gb/s port (option) • 2x QSFP+ 40Gb/s ports (option)

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

Intel® SSD DC P3520 Series

Capacity	2TB
Random 4K Read	Up to 375k IOPS
Random 4K Write	Up to 26k IOPS
Endurance Rating (Lifetime Writes)	Up to 2490 TB Written
Sequential Read	Up to 1700MB/s
Sequential Write	Up to 1350MB/s
Power - Active	4W
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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