

High-Performance, Scale-Out Storage Hardware for Ethernet SAN

Key Features and Benefits

- Compatible with 4K Advanced Format, SAS, SSD, or SATA disks
- Turn commodity or Coraid™ hardware into high performance Ethernet block storage without TCP/IP overhead
- 10x price/performance advantage over Fibre Channel and iSCSI
- Unlimited scale-out storage capacity and IOPS performance (>65,000 appliances per network)
- Supported natively in Linux; VMware and Windows HBAs are available
- Provides JBOD or RAID 0, 1, 5, 6, or 10 with multiple automatic global spares
- Mix SAS, SSD, and SATA disks within the appliance to match LUN capacity and performance to meet the needs of any application requirement
- Simplified installation, updates, and management command set

Coraid™ storage solutions deliver flexible, high performance, scale-out storage designed from the ground up for simplicity and virtualization. In combination with Coraid™ SRX software, this hardware leads to lower OPEX and leading price-performance compared to legacy Fibre Channel systems.

Scale-Out Design

Designed for performance, scalability, and simplicity, Coraid™ SRX storage arrays enable a scale-out Ethernet SAN architecture that is ideally suited to virtualization, cloud, and big data environments.

Building blocks for Ethernet SAN

Coraid™ SRX provides the foundation for storage systems by providing low latency, high bandwidth data transfer between hosts and data on the network. Each SRX runs the EthOS distributed storage

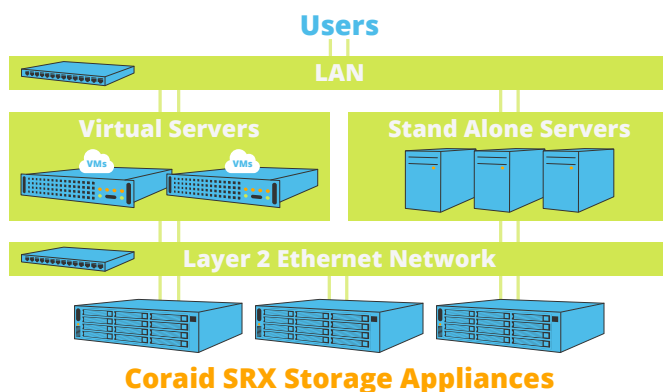
operating system to pool individual systems together into a single platform. The SRX provides logical volume management and features such as snapshots, clones, and remote replication. The SRX allows for JBOD and RAID 0, 1, 5, 6, and 10 with minimal overhead and in a scale out design, delivering up to 1,800 MB/s per chassis.

Simplified SAN Management

The simplicity of Coraid™ storage makes it easy to manage, because it's easy to understand. Each drive is connected to your server via Ethernet. That drive may actually be a RAID volume, but it just looks like a local drive to the server. There is no need to learn complicated technology like Fibre Channel. Just add SAS, SSD or SATA drives to Coraid™ Storage and you have all the performance and space you want, available for any server attached to the SAN. It's that simple.

About Coraid™

Coraid™ is a brand of storage appliances developed by SouthSuite, the fourth company founded by Brantley Coile, inventor of the PIX Firewall, Network Address Translation, and the AoE protocol. Coraid™ is developing ATA-over-Ethernet appliances for the next generation of data centers.



coraidhardware

Quick Specs

	h3641	h2421	h2441	h1631
Form Factor	4U	2U	4U	3U
# of Drives	36 x 2.5"/3.5"	24 x 2.5"	24 x 2.5"/3.5"	16 x 3.5"/2.5"
Capacity	360 TB raw using 10 TB drive	120 TB raw using 5 TB drive	240 TB raw using 10 TB drive	160 TB raw using 10 TB drive
Max number of LUNs	36 LUNs	24 LUNs	24 LUNs	16 LUNs
Power	Redundant 100-240VAC, 50/60Hz			
Power Consumption (max)	560 Watts	350 Watts	500 Watts	480 Watts
Heat Load (max)	1911 BTU/hr	1194 BTU/hr	1706 BTU/hr	1637 BTU/hr
Chassis Size	17.7"x7"x25.5"	17.7"x3.5"x25.5"	17.7"x7"x25.5"	17.7"x5.2"x25.5"
Weight (with drives)	100 lbs (45.3 kg)	50 lbs (22.6 kg)	85 lbs (38.5 kg)	80 lbs (34 kg)
Operating Temperature	50-95° F (10-35° C)			
Relative Humidity	20%-90% (non-condensing)			
	\$2,995	\$1,995	\$1,995	\$1,995

Contact Us

<http://Coraid.com>

info@Coraid.com

US: 1-844-461-8820

Int'l: 0-1-706-521-3048



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SouthSuite, Inc.
220 College Ave.
Suite 615
Athens, Ga. 30601