

SMBs, remote offices and small data centres can now get the benefits of a SAN solution. Though budget conscious, these customers don't want to sacrifice critical storage attributes such as business continuity and disaster recovery. XSI Data Solution's iViper iSCSI solutions are cost-effective turnkey storage appliances. Each of these appliances leverages the industry-standard iSCSI protocol and an existing IP network to create an easily manageable yet robust SAN to support the block-based storage needs of database and messaging applications. Each iViper includes Snapshot Copy which creates an independent point in time copy of an iViper storage volume which can serve as a backup for mission critical data. Safe and reliable storage for file based data can be achieved simply by adding the NAS protocol option.

iViper 3000

- * Supports up to 8 hosts expandable to 32
- * Supports unlimited Snapshot Copies
- * Includes 1 Intel® 2.8Ghz XEON EM64T 800Mhz FSB Processor upgradeable to 2
- * Includes 2Gb DDR2-400 Registered, ECC SDRAM expandable to 12Gb
- * Includes 2 Intel® Pro1000 Gigabit ports
- * Includes Intel® SRCS28Xs RAID Controllers
- * Includes 6 x 500Gb SATAII disk drives

iViper 6000

- * Supports up to 8 hosts expandable to 32
- * Supports unlimited Snapshot Copies
- * Includes 1 Intel® 2.8Ghz XEON EM64T 800Mhz FSB Processor upgradeable to 2
- * Includes 2Gb DDR2-400 Registered, ECC SDRAM expandable to 12Gb
- * Includes 2 Intel® Pro1000 Gigabit ports
- * Includes Intel® SRCS28Xs RAID Controllers
- * Includes 12 x 500Gb SATAII disk drives

Optional Storage Services available for iViper

Timemark® Snapshot Service – schedule up to 32 point-in-time recovery points per iViper storage volume

Snapshot Agents – Rapid recovery Solution Application aware Snapshot Agents ensure transactional integrity and point-in-time

consistency of database and messaging data replicas to expedite recovery. Integrates with Timemark® Snapshot Service.

Remote Replication – Replicate mission-critical data from an iViper at a primary site to a secondary iViper over IP

NAS Protocol – Provides reliable and easily managed storage for file-based data via CIFS and NFS.

About XSI

XSI Data Solutions is the leading Australian provider of professional services and data storage solutions. Founded in 1985, XSI has an unequal experience and refined knowledge that allows us to assess, design, implement, support and manage data storage solutions Australia wide.

We are not owned and driven by any one data solutions "factory", but we have access to the best of the industry's products. Our independence allows XSI to select from a wide range of products for a solution that best suits our customer and that will provide an unequal cost performance ratio.

XSI leverages our relationship with the industry's best hardware and software developers. For 20 years we have designed and built our own data storage solutions which again makes us unique, this gives us more options in developing the best possible product for our client.

PRODUCT FEATURES	
Support for up to 12 hot-swappable 1.5 or 3.0 Gbps SATA drives in a 2U form factor	Easily add up to 6 TB of raw storage (with 500 GB HDDs) without system downtime for future storage capacity needs. SATA drives currently provide higher capacity at a lower cost than SCSI or Fibre Channel drives
Intel® Xeon® processor	Processing performance to meet the demanding needs of storage virtualization
Dual 1 Gb Ethernet Network Interface Connections	Provide fast access to iSCSI or network attached data
Two Intel® RAID Controller SRCS28Xs	Hardware support for RAID 0, 1, 10, 5, 50
PRODUCT SPECIFICATIONS	
Raw storage capacity	Expandable to 3.0 TB – using twelve 250 GB drives Expandable to 4.8 TB – using twelve 400 GB drives
Drive bays	12 Serial ATA (SATA) Hot Pluggable
Hard disk drive supported	3.5" SATA <i>NOTE: For specific drive family and capacities supported, please refer to the SSR212CC</i>
Processor	Low Voltage Intel® Xeon® processor 2.80 GHz with 8000 MHz system bus and 1 MB L2 cache
Memory capacity	Expandable to 12 GB maximum
Memory type	Synchronous Dynamic Random Access Memory (SDRAM), DDR2-400, Registered, ECC
DIMM slots	Six 184-pin DIMM sockets
Enclosure controller	On-board Vitesse* VSC055 micro-controller
Temperature sensor	Two temperature sensors are located on the backplane that allows drive cage temperature monitoring
SAF-TE support	The backplane firmware complies with version 1.00 rev 041497, of the SAF-TE specification
SATA compliance	SATA 1.5 Gb/s, 3.0 Gb/s
Client connectivity	Client connectivity via Internet Protocol Small Computer System Interface (iSCSI) Dual Gb/s Ethernet
FRONT PANEL	
LEDs	Fault, ID, power
BACK PANEL	
Buttons and switches	Power button, reset button
I/O connectors	1x RJ-45 COM B Serial port, 2x RJ-45 Ethernet ports
Power receptacle	1x IEC AC per installed power supply module
CHASSIS	
Form factor	2U rack-mount chassis
Height	86.7 mm, 3.41"
Width	447 mm, 17.6"
Depth	631 mm, 24.8"
Weight	Fully configured (twelve drives): approximately 30.4 kg, 67 pounds
Color	Black plastics, silver sheet metal
Rack support	Rail mount, compatible with four-post rack mount only
SYSTEM COOLING	
Fans	Chassis includes three dual rotors and two single rotor 40 mm hot-swappable redundant system fans for cooling the hard drives, baseboard and SATA Host Bus Adapter (HBA) cards
POWER	
Configuration	500 W continuous, 1+1 redundant power supplies Intel® Storage System SSR212CC ships with one 500 W power supply



Intel on board

<p>SYDNEY Level 1 328 High Street Chatswood NSW 2067</p> <p>PH: 02 9496 1100 FAX: 02 9496 1189</p>	<p>MELBOURNE 140 Burwood Hwy Burwood VIC 3125</p> <p>PH: 03 8831 3900 FAX: 03 9808 3086</p>	<p>BRISBANE Suite 20, Level 9 320 Adelaide Street Brisbane QLD 4000</p> <p>PH: 07 3010 9714 FAX: 07 3220 0191</p>	<p>CANBERRA Level 7 14 Moore Street Canberra ACT 2600</p> <p>PH: 02 6247 4166 FAX: 02 6247 4544</p>	<p>PERTH Unit 1 69 Hay Street Subiaco WA 6008</p> <p>PH: 08 9388 2315 FAX: 08 9388 2316</p>	<p>ADELAIDE 49A Barker Avenue Findon SA 5023</p> <p>PH: 08 8251 5777 FAX: 08 8244 1565</p>
--	---	---	---	---	--