



VXR-III+ Product Brief



An Affordable, Flexible, High Performance FC RAID – The Foundation of Enterprise HA SAN Solutions

Key Features

Hybrid Host Connectivity

- Equipped with 8Gb Fibre Channel and 1GbE iSCSI Host connectivity for perfect integration in existing IT-infrastructure

Reliability and Availability

- Redundant and hot-swappable hardware components eliminate single point of failure
- Multiple RAID levels protect data against drive failures
- CacheSafe technology protects cached data during a power outage

Performance

- Leading performance supports demanding business applications

Scalability

- Scale storage capacity (up to 240 drives) as needed through expansion enclosures
- High-density design reduce storage footprint

Management

- User-friendly and intuitive SANWatch interface allows for simple storage management

Green

- Energy efficient power supplies
- Intelligent multi-level drive spin-down

To keep up with ever increasing demands on their IT infrastructures, enterprises and SMBs require solutions that can offer excellent throughput and IOPS and provide sufficient scalability to accommodate future business growth. With these challenges in mind, Loxoll partners with Infortrend offering powerful SAN solution architecture to ensure organizations can not only easily scale storage capacity up to 1 petabyte, but also meet enterprise high-availability requirements.

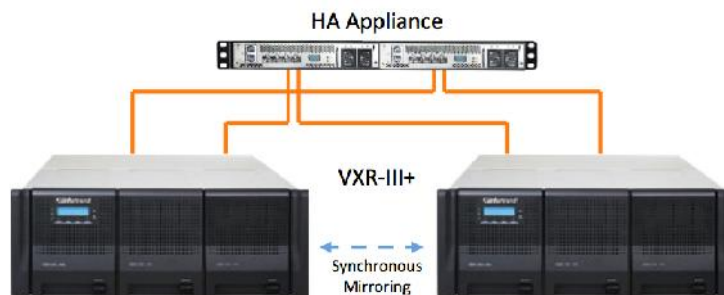
Coupled with advanced hardware, modular design, and easy and intuitive management, Loxoll offers organizations a decisive competitive edge by pushing IT efficiency to previously unattainable levels.

Superior Performance

Organizations require solutions that can offer excellent performance to meet the demands of mission-critical applications such as HD media editing, broadcasting, cloud services, and HPC. Featuring advanced Infortrend G7i hardware platforms, VXR-III+ provides superior throughput of up to 5,500 MB/s Read, up to 3,900 MB/s Write, and up to 1.2M IOPS.

Enterprise-Class HA Solution

Combined VXR-III+ with Loxoll's High-Availability HA Appliance, it builds a high-availability, enterprise-class storage solution that provides no downtime storage access with instantaneous recovery on any single point of failure. Mirroring and failover happen automatically. HA Appliance protected VXR-III+ storage appears as an unbreakable volume to connected hosts, impervious to any component outages and enabling online maintenance without disrupting business applications.





VXR-III+ Product Brief

Technical Specifications

Models	VXR-III+ 48-bay
Storage Controller	Dual redundant controller
Host Connectivity	4x 8Gb/s FC ports + 2x 1GbE iSCSI ports per controller
Controller Hardware	CPU: Intel Core i3 Cache memory: 4GB DDR-III
Drive Connectivity	6Gb/s SAS
Maximum Number of Drives	Per system: 48 Via JBOD: 240
Power	Three 530W DC Operating Voltage 100 to 240 VAC; 50 to 60 Hz 10A at 110 - 120 VAC and 5A at 220 – 240 VAC
Environmental	Temperature: 0 to 35° C operating / -40 to 60° C non-operating Relative humidity: 5 to 95% non-condensing
Mechanical	Weight Without HDDs: 150.80 pounds (68.4 Kg) Dimensions 4U rack-optimized 175.9mm (6.93 inches) high 445mm (17.52 inches) wide 873.5mm (34.39 inches) deep Package Dimensions 630mm (W) x 426mm (H) x 1150mm (D) including paper pallet 630mm (W) x 670mm (H) x 1150mm (D) including HDD packages
Maximum Performance	Throughput: 5,500 MB/s Read, 3,900 MB/s Write IOPS: 1.2M IO/s
OS Support	Windows, Linux, Mac OS X, Solaris, AIX, HP-UX, VMware, Citrix
RAID Configurations	RAID level 0, 1(0+1), 3, 5, 6, 10, 30, 50, 60 Up to 32 physical drives per logical volume Up to 2048 LUNs
Service and Support	Standard 3-year Service Hardware warranty Software update; 8x5 phone, web and email support Upgrade/Extension Service (optional) Advanced Service: Next day service Premium Service: 4 hours service