

Vxr™ 4G RAID

High Performance RAID System For Apple Video SAN

Vicom's Vxr, a new video RAID array product with 4Gb active-active dual channel, generates 600 MB/sec sustained video performance. Equipped with video optimized microcode, Vxr boosts the performance of your shared video SAN. It works seamlessly with Apple FCA, Xserve, Xsan 2, and Vmirror.

Product Highlights

- 4Gb FC host interface
- RAID Levels: JBOD, 0, 1, 3, 5, 6, 10, 30, 50, 60, NRAID
- Support up to 16 SATA II drives
- 3U rack mount, high density design
- No operating downtime and easy maintenance with :
 - Redundant, hot-swappable components
 - Modular architecture design
- User-friendly, web browser-based RAID management interface
- Event notification through e-mail or SNMP trap
- RoHS complied system



Complete Data Protection

Various RAID Levels of Vxr, with the integration of Vmirror, enable true end-to-end no single point of failure HA and DR solutions.

Supported By Storage Expert Team

Vicom takes support as an opportunity rather than a liability. With a great track record supporting Apple enterprise storage, the Vicom Professional Service team backs Vxr and helps System Integrators construct their Video SAN solution.



Unbundled HDD Option For Value-Added Reseller

Vxr is available without HDD for VARs who want to assemble the HDD themselves. Vxr microcode checks the HDD model to ensure the quality of the disks employed.

CONTACT FOR QUOTATION

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Vicom Systems

Vicom Systems is a privately held company in Redwood City, California. Vicom specializes in the delivery of transparent, wire speed data services for systems and storage. Vicom delivers on the long-standing promise of SANs: seamless consolidation, any-to-any connection, simplified management, and high availability. Vicom products and services have been selected by OEMs including IBM, Sun Microsystems, and Hewlett-Packard. Enterprise and video customers include Deutsche Bank, Bloomberg, Caterpillar Tractor, NFL Films, and Korea Broadcasting.

Technical Specifications

Host Channel	
Model Name	Vxr 4G FC RAID
Model No.	Vxr VFA16412
Host Interface	4Gb FC
Data Transfer Rate	800MB/s
Host Channel No.	2
External Connector Type	SFP x 2 (not included)
Hardware	
Controller	Single
Controller CPU	AMCC PPC440SP
Cache Memory	1G DDR II
Disk Interface	SATA II
Disk Channel No.	16
Host Swap Disk Tray	16 x 3.5" swappable trays
Hot Swap Power Supply	460W x 2 redundant
AC Input Voltage	100 to 240V (+/- 10%), 47 to 63 Hz
Battery Backup	Yes (not included)
Hot Swap Fan Module	2 x Turbo Fan
RAID Functions	
RAID Levels	JBOD, 0, 1, 3, 5, 6, 10, 30, 50, 60, NRAID
RAID Features	Support multiple RAID levels and stripe sizes
	Support A/V streaming performance profile
	Support over 2TB volume
	Online RAID level and stripe size migration
	Online disk group defragmentation for free space consolidation
	Online capacity expansion and shrink
	Online drive traveling and array roaming
	Online array recovery
Advanced Data Reliability Assurance	Disk Self Test, Disk Scrubbing, and Disk Cloning
RAID Management	
Front Panel LCD and Buttons	Easy access for configuration and status report
RS-232 Interface CLI	For configuration and status report
Web Browser Based GUI	For configuration and status report
Event Notification	Built-in buzzer, e-mail, SNMP trap

Environment Specification	
Humidity	20% to 80% non-condensing
Operating Temp	5C to 40C
Non-operating Temp	-25C to 60C
Safety Regulatory	UL, CUL, CB
EMC Standard	FCC, CE, C-Tick, BSMI

Dimension and Weight	
Physical Dimension	485(W)x574(D)x132(H)mm
Physical Weight	24 Kgs (without drives)
Packed Dimension	610(W)x790(D)x450(H)mm
Packed Weight	33 Kgs (without drives)



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