



Low end storage optimized for intensive streaming workloads

RDX-SC16

Product Highlights

- 3U low-end storage solution
- Optimized for sequential workloads
- Unified storage with NAS and SAN protocols
- Performance penalty in degraded mode less than 10%
- Ultra fast software RAID engine
- Raw capacity: up to 192TB

Use Cases



Post production collaborative environment



Video surveillance for 100 Full HD cams



Enterprise backups and file shares

The best choice for streaming data processing

The core storage feature is RAID engine with the unique math algorithms. It was originally developed to process massive sequential workloads. RAID engine significantly boosts performance of HDDs even in low-end storage systems.

The lowest impact of hardware failures

Driven by innovative RAID technologies, storage demonstrates minimum performance penalty when a drive goes out. It helps to maintain smooth application workflow and data integrity in case of emergency.

Software Features

Speed Acceleration	Proprietary RAID engine Advanced Reconstruction
Data Availability	Fast RAID rebuild Partial Reconstruction SparePool
Data Protection	Silent Data Corruption Protection
RAID Levels	RAID 0/ 5/ 6/ 7.3/ 10 /N+M
File Protocols	SMB v2/v3, NFS v3/v4, AFP, FTP
Block Protocols	iSCSI 10Gb/25Gb/40Gb/100Gb
Compatible Clustered File Systems	StorNext, Lustre, Hyper FS, Tiger FS, BeeGFS, GPFS, Xsan
Heterogeneous Infrastructure Support	LUN access via any supported SAN interface
Virtualization Platforms Support	VMware ESX KVM (Kernel-based Virtual Machine) RHEV (Red Hat Enterprise Virtualization) Microsoft Hyper-V Server, XenServer, Proxmox VE

Technical Specification

Server Type	3U Rackmount, 16 HD Bays, 2x CPU Intel Xeon 3104 6Core
CPU	Dual-Socket, INTEL XEON BRONZE 3104 6C 1.7GHz 8.25MB CPU
Operating System	RAIDIX 4.X
Memory	64GB RAM
Storage	8 x 12TB 7200 RPM SATA HDD
Power Supply	1200W/1000W Titanium Power Supply W/PMbus W76xL336xH40mm
Options	Additional Storage: 12TB HDD Network Interface: 10Gb Ethernet, 10GBE SVR 2PT SFP+

ASA Computers

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RAIDIX

RAIDIX is an innovative software company developing professional storage solutions. Company creates products for storage environments where applications and services demand high speed access and operate with massive data volumes.

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