

SYMKLOUD NAS

HIGH-DENSITY BIG DATA STORAGE PLATFORM



CS3160 10GBE NAS — RAPID, REDUNDANT, AND REAL-TIME REMOTE REPLICATION

- ▶ Massively scalable with cost-effective daisy-chaining
- ▶ Improved Performance and Security with AES-NI
- ▶ Ideal for data consolidation and file sharing
- ▶ Full featured web-based administration interface

POSSIBILITIES START HERE



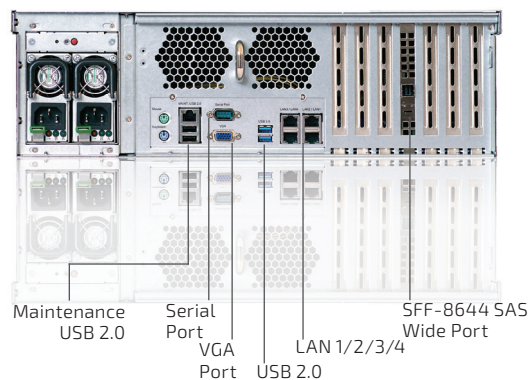
► TECHNICAL INFORMATION

STORAGE	16 x SATA/SAS	
SAS/SATA CONTROLLER (HBA), PCI-E (8-LANE)	LSI HBA card 12G SAS/6G SATA Supported	
PCI-E SLOTS	8-lane (x1) or 4-lane (x2); 1-lane (x1)	
LAN INTERFACE (PCI-E)	RJ-45x4: Auto MDI/MDI-X; WOL supported	
USB INTERFACE	USB 2.0 host port x4 (front x2, back x2) (Type A)	USB 3.0 host port x2 (back x2)
PROCESSOR	Intel® Xeon® E3-1231 v3 3.4GHz Processor	
MEMORY	16GB DDR3 SDRAM; expandable to 32GB Memory Module Pre-installed: 4GB x 4	
POWER SUPPLY	Redundant power supply 650W or more (80plus)	
RAID	RAID Modes: RAID 0, 1, 5, 6, 10, 50, 60 and JBOD Auto-Rebuild: Supported Hot-Swap: Supported Hot Spare: Supported	RAID Level Migration: Supported RAID Expansion: Supported RAID Volume Encryption: AES256bit
DATA BACKUP	Client Incremental Data Backup: Acronis Server Backup	Client System Disaster Recovery: Acronis Server Backup
EXPANSION	Stackable: Can extend for 5 additional iSCSI volumes using additional Kontron NAS Daisy Chain: support daisy chain of an additional 4 sets of Kontron CS03-160 NAS platfroms	Expand through SAS wide port Interface: Can be conjured as multi-independent RAID volume Can join to existed RAID volume
SYSTEM ADMINISTRATION/ WEB ADMINISTRATION INTERFACE	System Monitor: Monitor CPU, memory, network utilization and protocols access user count Includes support for: File System Check, SNMP, System Network configuration settings, DHCP/RADVD configurations, Linking Aggregation, Additional LANx (via PCIe slot), Storage Management, SMART information, Bad Block Scan, NAS Stacking, among many other features.	Syslog Management: send syslog to assigned location; act as syslog server to receive log info from other systems



Front panel buttons, indicators and ports; and LCD screen for current system status and messages

16 x SATA/SAS disk drives



► ORDERING INFORMATION

ARTICLE	PART NO.	DESCRIPTION
CS3160	1060-7573	High Capacity 16-bay NAS Storage including CPU, System Memory, dual 650W AC power supply, NAS software; excludes storage disks

► CORPORATE OFFICES

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