



# CX-RANGER-SAS2

## Unparalleled performance for 12Gb/s Full Redundant SAS RAID System

Ciphertex has designed an enterprise-class SAS RAID for high performance workstation environments. The CX-RANGER-SAS 2 is the ultimate in security and performance with redundant systems and unparalleled performance for its class. This innovative RAID will help your business avoid downtime, increasing productivity, and saving time and money.

### Features

- 120 TB Capacity
- 12Gb/s SAS, 6Gb/s SAS and SATA compatible
- Optimized for security and redundancy
- Redundant PSU 220W high-efficiency power supplies
- Redundant dual fans with Quiet Cooling technology
- Daisy-chain up to 256 devices using 12GB/s SAS expansions
- OS Independent: Transparent data protection for all popular operating systems
- Write-through or write-back cache support
- Supports global and dedicated hot spare drive
- Automatic drive insertion/removal detection and rebuilding
- Configurable stripe size up to 1024KB
- Online capacity expansion and RAID level migrations simultaneously
- Online volume set growth
- Online array roaming
- Online RAID level/stripe size migration
- Instant availability and background initialization
- Redundant flash firmware image for controller reliability
- Supports native 4K and 512 byte sector SAS and SATA devices
- Max 128 LUNs (volume set) per controller
- Supports password protection for the administration interface
- Built-in serial port interface for remote event notification
- Dual host channels support clustering technology



# CX-RANGER-SAS2

<b>STORAGE</b>	8 x 3.5" 7200RPM Enterprise Class 12Gb/s SAS HDD 4 x Enterprise Class SSD
<b>RAID</b>	0,1,5,6,10,50,60 and JBOD
<b>PORTS</b>	2 x 12Gb/s SAS  Optional: 2 x 10GbE Ports
<b>PERFORMANCE CPU</b>	Dual Core ROC 1.2Ghz processor
<b>LED INDICATORS</b>	Status/Power, USB, Drive 1-8
<b>PUSH BUTTONS</b>	Power, Reset

<b>POWER CONSUMPTION</b>	65.5W
<b>TEMPERATURE</b>	0 - 40°C (40°F ~ 60°F)
<b>HUMIDITY</b>	Input: 10-80% RH
<b>FAN</b>	2 x 80mm redundant (12V DC)
<b>SIZE</b>	Height: 15.5" (393.7mm) Width: 6.75" (171.45mm) Depth: 19.75" (501.65mm)

All product specifications and data are subject to change without notice to improve reliability, function, design or otherwise.



- A** - Aluminum Handle
- B** - SDD drive bays (4)
- C** - HDD drive bays (8)
- D** - Expansion port
- E** - K-Lock Security Slot

- F** - Channel A
- G** - Channel B
- H** - Dual redundant fans
- I** - Terminal

- J** - LAN port
- K** - Enclosure latch
- L** - Power Button
- M** - Dual power supplies

## BOX CONTENTS

- 2 x Power cords
- External SAS cable
- RJ45 Ethernet cable
- External serial cable
- Product CD

## ADDITIONAL ACCESSORIES

- 2 Year extended warranty
- Custom hard transport case
- Drive trays



FCC CE COMPLIANCE - Designed/Assembled/Integrated/Tested in the USA using domestic and/or foreign components. Made in the U.S.A.

