

DATA SHEET

# QuadraPack X14™

## next generation multi-disk storage backplane



### Introduction:

The Enhance QuadraPack X14 is the next generation space-saving multi-disk storage backplane for 2.5" HDD's. Utilizing only one (1) 5.25" drive bay, the Enhance X14 is capable of supporting up to four (4) 2.5" Enterprise SAS, SATA or SSD drives with individual removable trays and security key locks. The Enhance X14 features a precision crafted multi-layer PCB backplane to ensure data integrity and minimizing signal degradation. The chassis of the X14 is constructed of cold roll steel and equipped with durable removable HDD trays. The Enhance X14 utilizes a light-pipe to provide visual signal for power and activity for each individual Hard Disk. The light-pipe utilized in the X14 is designed to prevent potential EMI (Electro-Magnetic Interference) normally associated with electronic devices.

### Application:

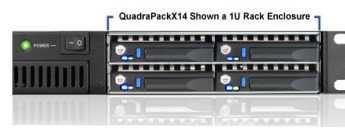
The Enhance QuadraPack X14, coupled with SSD drives is a perfect solution in volatile environments such as military & transportation vehicles where space is at a premium and vibrations may come into play. Our SATA cables (optional) come with security clasps to prevent accidental detachment. The X14 is equipped with Dual Cooling Fans in order to maintain proper ventilation in various situation. A completely modular and hot-swap architecture makes X14 the perfect building block for dense computing & embedded applications.

### Connectivity:

The Enhance QuadraPack X14 can be used in a desktop or rackmount server, portable storage device, or in military applications whenever a 5.25" drive bay is available. It is designed to provide secure transportation of your valuable data in a small form factor. Users can use 4 individual SATA cables to connect the X14 to a server motherboard with built-in SATA interface or use a single fan out cable (optional 8087 to 4 SATA cable) to connect the X14 to one single 8087 interface from a SAS or SATA RAID HBA to reduce the number of cables used in a system. The Enhance X14's high quality of construction allows customer to have the peace of mind when transporting HDDs. The Enhance X14 is durable and robust with individual security locks to guard the valuable data against any unauthorized data access in one small complete package.



**2.5"** Enterprise-grade 2.5" Hard Disk Drives



QuadraPackX14 Shown a 1U Rack Enclosure  
Designed for 5.25" Stand 5.25" Drive Bay



**"The X14 for 2.5" drive is ...."**  
Eric A. Hall - Information Week.

## Model Options



5.25"

### Part Number

X14

### Description

(4) Disk modular storage backplane for  
2.5" SAS/SATA (II) disk

## Product Specifications

### General Dimensions

Length: 7"

Width: 5.75"

Height: 1.5"

### Power

Standard 4-pin x 2

### Cooling

Dual 40X10mm Sleeve Bearing Fan

4000RPM , 4.58CFM , 21dBA

## Unlimited Application Possibilities

Here is a short list of applications provided by customers that intend to adopt QuadraPack X14 in the design of their system applications:

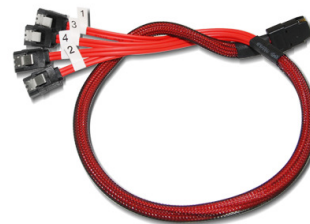
- Audio Recording
- Video Editing
- DVR and Storage
- High Performance Computing
- On-demand Streaming Media Server
- RAID Implementation
- Server Storage



Optional X14 Accessory Cables

Part number : CB-X14-SA

(SATA to SATA - 4 cables)



Optional X14 Accessory Cables

Part number : CB-X14-FO

(8087 to 4x SATA FAN Out Cable)

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*Where Storage Begins*

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