



Product Overview

The UltraStor JS3160 disk array subsystem is built to deliver the highest Ultra320 SCSI performance with enterprise level of reliability. Combined with two Ultra320 SCSI channels with eight drives in each, the JS3160 simply put competition behind and boost a stunning 400MB/s RAID or JBOD storage solution. The JS3160 SCSI storage array combines high density disk storage and a slim form factor with lowest cost per gigabyte, and delivers exceptional functionality that can cover a wide range of applications. UltraStor JS3160 features an industry standard 19" rackmount configuration that supports up to sixteen 15K RPM disk drives and over 4.8TB of Ultra320 SCSI capacity in a compact 3U form factor.

UltraStor Flexibility

JS3160 is specially designed to offer next generation performance, versatility and outstanding disk protection. With built-in dual Ultra320 SCSI buses, the UltraStor JS3160 easily integrates into any SCSI environment, and supports a wide variety of configurations to match your storage requirements such as JBOD storage array, hardware RAID connected to a host adapter, or Software RAID configurations. With an expansion SCSI port on every channel, cascading additional systems is quick and simple. Non-proprietary system architecture allows for easy integration, future storage expansion and true enterprise level disk protection.



Professional Grade Performance

There are many Ultra320 array systems on the market that claim to meet Ultra320 speed, the Enhance JS3160 goes beyond the 320MB/s theoretical speed limit and set a new standard from 0 to 320MB/s in seconds, a true winner in its class. Equipped two Ultra320 SCSI channels with eight drives powering in each, the UltraStor JS3160 is so powerful, dynamic, and flexible, it boosts an unparalleled 400MB/s sequential speed that simply leaves competition behind.

Industrial Grade Design

UltraStor JS3160 is built to ensure high reliability and industrial grade storage protection. Equipped with (16) hot-swappable disk modules, the JS3160 can provide years of reliable operation while providing a safe environment to house your data. The heavy duty redundant hot-swappable power modules not only provide clean quality power, but make exchanging faulty modules a snap. The UltraStor JS3160 comes complete with everything needed to properly connect and install with minimal effort. Optional accessories include a set of premium ball-bearing slide rack rails and external Ultra320 SCSI LVD cables. Internal terminations are in place on both disk channels (no terminator required).

Key Features

- Up to 12 Terabytes in 16-bay RAID or JBOD
- Dual channel, Ultra320 RAID ready SCSI disk array
- Ultra320 1" low-profile 15K RPM drive support
- Next generation cable-less enclosure design
- Superior drive and enclosure cooling system
- 3U, 16-drive industry standard 19" rackmount
- Compatible with leading SCSI and SCSI RAID host bus adapters

Form Factor

- 3U low profile 19" rackmount
- 16 SCSI disk drive bays

System Architecture

- Ultra320 SCSI-to-Ultra320 SCSI (Ultra80 support)

Interface Configuration

- Dual channel (2) VHD68 pin SCSI connectors
- Internal electronic termination

Disk Drive Interface

- HDD: SCSI 80 pin SCA
- Form factor: Low profile 1" SCSI disks
- RPM: 10,000-15,000

Indicators

- Power and drive failure indicators
- Built-in alarm with mute button

UltraStor JS3160 Parts

- Spare removable hard drive tray
- Spare power module

Optional Accessory

- Premium ball-bearing slide rack rails
- External Ultra320 SCSI LVD cables.

Dimensions

- Length: 24 "
- Width: 17.5 " w /o rack ears (19" with rack ears)
- Height: 5.25" (3U)

Weight

- 80 lbs without drives (106 lbs with drives)

Cooling

- Two hot swappable integrated with power module
- DNI BFB0712H brushless blowers
- 12V DC, 0.36A, 3-pin connector

Notification / Alarm

- Internal audible alarm

Certifications

- FCC
- UL
- VCCI
- BSMI
- CE
- TUV

Power Supply

- Dual redundant removable power modules
- 1+1 hot swappable
- AC input: 90 ~ 264 VAC, 47Hz ~ 63Hz, 5.0A
- Continuous output power: 500W



JS3160 Rear View

To find an authorized dealer
contact us at: info@enhance-tech.com

Enhance Technolog, Inc. Santa Fe Springs CA 90670
Phone: 1-562-777-3488 Fax: 1-562-777-3499
Email: sales@enhance-tech.com Web: www.enhance-tech.com