

# BlueStor™

## PCIe x8 Extender Storage System



**CAPACITY**  
UP TO 48TB\*

**TRANSFER RATE**  
UP TO 1750MB/S

The **BlueStor™** PCIe Extender Storage System is an Enterprise-class product featuring 16 hot-swappable 3 Gb/s or 6 Gb/s SAS/SATA disk drive bays, four highvelocity hot-swappable cooling fans, dual 350W (N+1) hotswappable power supplies, an internal SAS Expander for single cable connection to a SAS host controller, and a 5-slot PCI Express (PCIe) backplane providing expansion ports for any compatible user-installed PCIe cards. The Gen 2 PCI Express backplane has 5 x8 PCIe slot and is supplied with a x16 PCIe host switch card.

The sixteen SAS/SATA disk drives are connected by an internal SAS controller occupying one or two of the five PCIe slots. The remaining three or four PCIe slots may be used for any PCIe compatible cards including NICs, HBAs, RAID controllers, etc. The **BlueStor™** PCIe Extender essentially extends your host server's PCI Express bus outside the server, providing additional slots for any application; the sixteen drive storage subsystem shared in the common Extender enclosure may or may not be utilized, at the user's option.

### Features:

- 3U 16-Bay Rackmount Enclosure
- Sixteen 3.5" Disk Canisters
- Hot Swappable HDDs
- Dual Hot Swappable Power Supplies
- SAS/SATA Interface to the drives
- Optional SATA Interface to the drives
- Up to 48 TB Capacity (per enclosure) with SATA drives
- Up to 9.6 TB Capacity (per enclosure) with SAS 15K drives
- Five x8 PCIe Slots
- SAS/SATA JBOD or RAID Controller
- One PCIe x8 Host Connection

\*Based on current drive capacities

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To connect the Extender to your server, a x8 PCI Express external port is required of the server. This port is provided by one low-cost plug-in card which occupies a single PCIe slot in the host and creates an “external” x8 PCIe connector, making the x8 PCIe bus available to the Extender.

The **BlueStor™** PCIe x8 Extender is available as model number EXTN-8.

### Rack Mount Specifications

#### Dimensions/Weight

Weight	35.05 lbs. (15.90 kg) (excluding drives)
Height	5.21" (3U) (132 mm)
Width	19" (483 mm)
Depth	21" (533 mm)

#### Power Supply (includes internal cooling fan)

Quantity	2
Power	620 Watts each (N+1) Power Factor Correction
Input	100-260 VAC; 50-60 Hz
Output	+5V @ 35A -5V @ 0.5A +12V @ 22A -12V @ 0.8A +3.3V @ 20A

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