

DNS-1660 JBOD

Enterprise-class JBOD 3.5-inch 6Gb/s SAS & SATA. Ultra-density and cost-effective storage enclosure



Overview

Data Storage Capacity Continues to expand exponentially. Today's business environment requires simple, easy ways to dramatically grow online disk capacity to meet exponential data growth rates.

The DNS-1660 Ultra-Dense JBOD Storage Enclosure enables massive data capacity applications at a price per performance point per (GB) Gigabyte that meets your fast-moving business requirements.

DataON's expansion enclosure's are managed by the RAID controller or HBA in the primary server, they give IT administrators a cost-effective alternative to quickly respond to your demanding storage requirements.

DNS-1660 is the perfect expansion companion for other DataON storage products and massively scale your storage capacity with a Ultra-Dense, Space and Power saving Storage Solution.

Features

- 4U 60-bay 3.5" 6Gb/s SAS & SATA HDDs
- Redundant Hot Swap Drive Bays, Power & Cooling Module
- LED activity in Each Drive Carrier
- Single or Dual I/O Controller for Redundant and Max Availability
- Four SFF-8088 6Gb/s SAS host and expansion connections
- Supports up to 2,400 MB/sec band width per I/O controller

Advantages

- Ultra-Density, Flexible & Scalable Storage
- Fully Tested and Qualified for 6Gb/s HBA's
- Point to Point SAS connectivity for Ultimate Performance
- Daisy Chain Expansion for additional DNS-1660
- Plug & Play Increase Capacity without shutting down
- Space & Power Efficient

Application

- Video Post-Production
- Medical & Space Telescope Imaging
- High-Performance Computing
- Digital Content Archive & VTL
- File, Web, Database and E-mail Servers
- Online transaction processing (OLTP)



Storage Enclosure

Enclosure Form Factor	4U 60-bay Modular-SBB compliant
Drive Support	6Gb/s SAS and SATA HDDs
Device Form Factor	3.5"
I/O Controller	Single or Dual 6Gb/s SAS 2.0
Host Interface	Two 6Gb/s SAS 4x wide ports via two SFF-8088
Expansion Interface	One 6Gb/s SAS 4x wide port via SFF-8088
Controller Support	6Gb/s Host-based RAID Controller cards and HBAs with external connectivity

Hot-Swappable & Redundancy

Disk Drives	Hot-Swap (60-bay)
Cooling Fans	Redundant -2 fans per power supply
Power Supply	Redundant (1+1) Dual output up to 1200W

Monitoring & Notification

LED Indicators	Identify Enclosure Power ON Activity / Fault for each Individual Drive Carrier
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Expansion

Daisy-Chain	Up to Four JBOD Storage Enclosure / 240 Drives
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Dimension & Weight

Dimensions	6.9" H x 16.56" W x 35.1" D
Weight	Enclosure: 88lbs Packaged: 137lbs (rail kit included)

Fireware

Firmware	SCSI Enclosure Services (SES) 2.0 based
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Operational Environment

Operational Environment	Temperature: 5° to 35° C Temperature gradient: 20° C per hour Relative Humidity: 10% to 80% (non-condensing) Humidity gradient: 10% per hour Altitude: -200 to 10,000 ft. Shock: 5G at 11ms, ½ sine wave pulse Vibration: 0.15G at 5Hz to 500Hz Acoustics: 6.5 Bels at normal operation tested to ISO7779
Safety Standards	IEC/EN/UL/CSA 60950-1, 2nd Edition

For More information and sales offer, please visit the DataON Storage website at:
www.dataonstorage.com/dns-1660