



Desktop 8 bay 6 Gbps SAS Expander JBOD Enclosure

- Stylish aluminum housing and anodized surface benefit cooling and durability
- Advanced backplane design for eight 3.5" SAS/SATA III/II hard disk drives
- Built-in 6 Gbps SAS expander for single high-bandwidth mini-SAS (SFF-8088) host connectivity
- Two mini-SAS out ports for connecting additional SAS expander enclosures for a daisy chain
- Up to eight high quality hot-swappable hard disk drive trays with individual key lock
- Front LCD control panel for easy setup, alarm mute and configuration
- LED indicators for HDD power, activity and failure on each removable tray
- Two quiet 80 mm hot-swappable cooling fans for use in noise-sensitive environments

Overview

The brand-new CB- NS765S, a desktop eight bay SAS expander JBOD enclosure, is a stylish, creative aluminum design that adds style to the desktop, featuring 6 Gbps SAS expander technology providing simple, single high-bandwidth and highly reliable mini-SAS cable connectivity to a host 6 Gbps SAS RAID controller card. When users need more capacity with the storage, they can expand their CB-NS765S via the two mini-SAS ports for scalability of additional up to ten units of CB-NS765S. The latest I/O technology, the mini-SAS connectivity, on CB-NS765S delivers high-bandwidth superior performance for multiple-drive configuration and advanced performance.



SAS Expansion Technology

With only one mini-SAS cable connection to host, the SAS expansion technology allows a maximum of 128 hard disk drives to be used. The highly reliable and high-speed mini-SAS cable provides high-bandwidth data throughput for storage as well as cascaded CB-NS765S enclosures, integrating high capacity SATA or high reliable SAS hard disk drives for high quality video or data intensive applications. All the management features are available from all cascaded CB-NS765S enclosures through SES-2 enclosure management via only one external mini-SAS (SFF-8088) port and connection between host SAS controller card and CB-NS765S.

Professional Management

A front LCD control panel is integrated with CB-NS765S for complete storage management including easy system setup, alarm mute and configuration. In addition, CB-NS765S features two quiet, hot-swappable 80 mm cooling fans on rear of the enclosure for use in noise-sensitive environments and eight hot-swappable hard disk drive trays with individual security key lock that prevents hard disk drive from accidental pull out. Each tray has built-in power, activity and failure LED indicators showing status of each hard disk drive. Users will be notified of the events through the LED or buzzer alarm on enclosure when fan fails or temperature over 55 degrees Celsius.



Applications

Featuring one mini-SAS channel and two mini-SAS expandable ports, the CB-NS765S provides expandability critical to users' needs and future deployment. CB-NS765S is also powered by RAID function from HBA that maximizes disk performance allowing for a broader range of storage possibilities. Users can expand as many as CB-NS765S enclosures as data growing, ideal for sound designers, musicians, recording engineers, mastering engineers, audio-centric professionals, video editors, digital content creators, and post-production professionals.

Specifications

Model	CB-NS765S
Form Factor	Desktop 8 bay
Host Interface	One mini-SAS connector supports 3/6 Gbps
HDD Interface	SAS/SATA (3/6 Gbps)
SAS Expansion Port	Two mini-SAS connectors for next SAS expander enclosures
No. of Disk(s)	Up to 8
RAID Function	Depends on RAID card
LED Display for Each Tray	White - power-on indicator Flashing blue - HDD access indicator Red - HDD failure indicator
LED Display for Enclosure	Power-on LED - white Fan normal - green; fan failure - red (slow RPM or failure) Temp. normal - green; temp. over 55°C - red
Material	Aluminum housing and plastic front panel
Power Supply	300 W (high reliability of IPC form factor) Input: 90-230 V AC, 50/60 Hz
Cooling	Two 80×80×25 mm hot-swappable cooling fans (Fans won't spin until at least one HDD is installed)
Alarm	Buzzer beeping for fan failure or over-temperature (over 55°C) occurs
Dimension	231.5(D) × 156.8(W) × 310(H) mm 9.11(D) × 6.17(W) × 12.2(H) inch
System Requirement	An external mini-SAS port with SAS expansion function
O.S. Support	O.S. independent