



Desktop and 1U 4 Bay Combo Interface to SATA RAID Subsystem

- Support multiple-interface: USB 3.0, eSATA, and FireWire 800
- Support RAID levels: 0, 1, 3, 5, 10, large, and clone
- Quick RAID configuration
- Quiet power and cooling fans
- Built-in security key lock on each hot-swappable tray
- Support over 2 TB capacity with Windows Server 2008, Vista, 7 or later versions

Overview

The NR710C, NR310A, NR310C series RAID subsystem is a cost-effective solution designed for audio/video studio, standalone DVR, and SMB backup that require external storage with RAID level protection, high-speed transfer rate, and easy-to-deploy features for five SATA II/III hard disk drives in a small footprint or 1U rackmount. Simple single connection to host computer by SuperSpeed USB 3.0, FireWire 800 or eSATA port without the need to install any extra drivers. The NR710C, NR310A, and NR310C can easily be attached to any standard PC or Mac platforms.

High Performance with a Variety of RAID Settings

With built-in hardware RAID processor, NR710C, NR310A, and NR310C provide a wide selection of RAID modes including RAID 0 (high performance) and RAID 5 (high reliability) for users to choose between performance and data protection level. The advanced LCD RAID mode (available only from NR710C) configuration is just within a few minutes, and the process is independent without any connection or operation from the host computer.

NR710C, NR310A, and NR310C also feature user friendly GUI interface for settings, alarm mute, management and configuration. RAID management can be configured completely by users in a short period of time through the user friendly GUI on screen from the host end or remotely on the client end; in addition, the GUI provides real-time system status, RAID, online health, and environmental monitoring from the host side or remotely from the client side. The alarm can be muted from a remote GUI, and users can always trace the history events of the enclosure from GUI's event log.

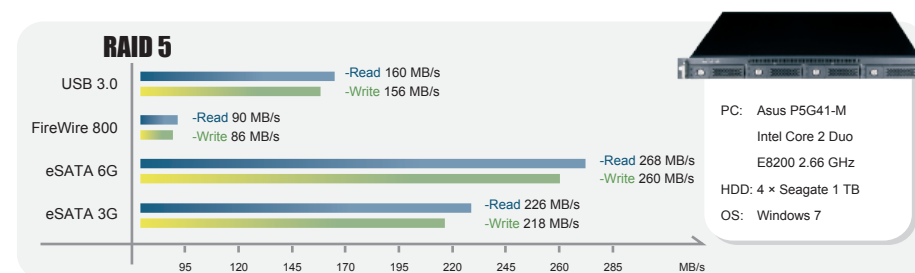


Easy Management

Netstor's NR710C, NR310A, and NR310C feature professional-grade enclosure management including hard disk drives detection for activity lights, HDD failure signal management on each hot-swappable tray, and environmental detection for fan failure or temperature over 50°C with failure red LEDs for visible warning and mute button to silence alarm. Furthermore, NR710C, NR310A, and NR310C feature e-mail notification; users can be notified of the events such as fan failure, temperature over 50°C, or drive failure via e-mail.



Performance Benchmark



Specifications

Model	NR710C	NR310A	NR310C
Form Factor	Desktop 5 bay	1U 4 bay	1U 4 bay
Host Interface	USB 3.0 / FireWire 800 / eSATA	eSATA	USB 3.0 / FireWire 800 / eSATA
HDD Interface	SATA II / SATA III		
No. of Disks	Up to 5	Up to 4	
RAID Function	RAID 0, 1, 3, 5, 10, large, clone		
LED Display for each Tray	Power-on - white		
	HDD access - flashing blue		
	HDD failure - red		
LED Display for Enclosure	Power-on LED - white		
	Fan normal - green; fan failure - red		
	Temp. normal - green; temp. over 50°C - red		
Alarm	Buzzer beeping for HDD failure, fan failure and over temp. (over 50°C) occurs with mute button		
Material	Stylish aluminum with solid metal construction	Heavy-duty cold-rolled steel	
Dimension	230(D) × 157(W) × 229(H) mm	453(D) × 482(W) × 44(H) mm	
	9(D) × 6.1(W) × 9(H) inch	17.8(D) × 19(W) × 1.73(H) inch	
Power Supply	Single 220 W (IPC-grade)	Single 220 W (IPC-grade)	
	(AC input: 90-230 V, 50/60 Hz)	(AC input: 90-230 V, 50/60 Hz)	
Cooling	One hot-swappable	Two hot-swappable	
	90 × 90 × 25 mm cooling fan	75 × 75 × 28 mm blowers	