

❖❖ NSR 216/224 - 16/24 2.5" Hard Disk Drives or Solid State Drives

- + **Solid State Drive (SSD) Validated**
- + **SATA, SATA 3.0 Gb/s, or SAS Interface**
- + **Less Power Consumption**
- + **Nehalem/ Tylersburg Platform Compatible**
- + **Better I/O Results**



❖❖ OVERVIEW

The 2U 16/24 bay NSR 216/224 rack mountable storage enclosure is designed for storage server systems and supports up to 26 hot-swappable 2.5" hard disk or solid state drives (SSD). Both models support SSI 3.6, CEB 1.1, Intel Nehalem/Tylersburg platform and AMD Opteron compliant server board 12.0" x 13.0" in size.

❖❖ FEATURES & BENEFITS

- > EIA and SSI compliant 2U form factor
- > Supports SSI 3.61, CEB 1.1 or AMD Dual Opteron compliant server boards
- > Supports up to 24+2 Hot Swap 2.5 inch hard disk drives
- > Integrated backplane design that supports SATA, SATA 3Gb/s, and SAS interface and Solid State Drive (SSD)
- > Advanced thermal design with easy swap fans supporting latest generation hard disk drives of 10K and 15K RPM
- > Fan speed controlled by motherboard (PWM fan)
- > Increased EMI/ESD features
- > Two USB connections on front panel for NSR216
- > Logo indent on drive tray for company logo or disk ID labeling
- > Thick gauge sheet metal for better rigidity and protection of valuable electronics

❖❖ TECHNICAL SPECIFICATIONS

Hard Disk Drive Bay	Up to 24+2 Hot Swap 2.5" drive bays
System Architecture	Supports SATA, SATA 3Gb/s, SAS interface, and Solid State Drives (SSD)
Easy Swap/ Redundant Components	HDD, Power supply and PWM fan
Maximum Capacity	Up to 24 TB with 1TB HDD
Dimensions	3.45"(H) x 19"(W) x 26"(D)
Weight	27lbs
Power Supply	NSR 216: 820W Redundant NSR 224: 650W w/ Redundant
Server Board Compatibility	Supports up to 12" x 13"
Ventilation	80mm x 80mm x 38mm PWM fan x3
Environment	Env. Ambient Temperature: - Operating: +5°C to 35°C - Non-Operating: -40°C to +70°C Relative Humidity: - Non-Operating: 95% at +30°C - Non-Condensing

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