NSR 316 - 16 HDDs

Intel Tylersburg

RoHS Compliant

Horizontal backplane yields greater air flow

Drive tray with locking feature

Technical Specifications

HDD Bays
- 16 x 3.5" Hot Swap Drive Bays

SYSTEM ARCHITECTURE
- Supports SAS 12Gb/s , SATA 6Gb/s HDDs

HOT SWAP/REDUNDANT COMPONENTS
- HDDs, power supplies, and PWM cooling fans

MAXIMUM CAPACITY/ENCLOSURE
- Up to 128 TB with 8 TB HDD

DIMENSIONS
- 5.25"(H) x 19.00"(W) x 28.00"(D)

POWER REQUIREMENTS
- 875W Redundant

SERVER BOARD COMPATIBILITY
Supports up to 12" x 13"
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ENVIRONMENT
Environment 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

Features	Benefits
SAS 12Gb/s , SATA 6.0 Gb/s interface	Supports a range of drive options in one chassis
Passed Intel validation testing	Tested and validated at Intel's facility
Dual 2.5" OS mirror drives	Lowers down time due to OS drive failure
Server board footprint compatibility	Supports proprietary form factor motherboards
Fan speed controlled by motherboard	Lower noise and energy costs
Maximum open area on drive trays	Increased airflow maximizes drive MTBF
Drive tray with locking feature	Prevents accidental extraction
Increased EMI/ESD features	Designed to meet FCC class A at higher emissions frequencies
Hot swap fans mounted on rubber screws	Lowers noise and dampens vibration
Two USB connections on front panel	Easy access and maintenance at front panel Front
panel power supply fail LED - redundant power	Clearly visible indicator eliminates guesswork
Hortizonal oriented backplane	Yields greater airflow across all interior components
Logo indent on drive tray	Customize with company logo or disk ID labeling
Thick gauge sheet metal	Better rigidity and protection of valuable electronics
Backplane designed to support SAS 12 Gb/s, SATA 6.0 Gb/s *	Future-proof design to support tomorrow's faster throughput
Backplane designed to support Solid State Drives *	Designed to support SSD drives for tomorrow's applications
High confidence 3 year limited warranty	Worry free support from 33 year old company

* Testing to be completed once drives available

Ci Design Headquarters
20372 N.Sea Circle,Lake Forest CA 92630, USA
TEL: +1 (800)576 5487 FAX: +1 (949) 273 6781
www.cidesign.com info@cidesign.com

Majestic Technology
No.27,10 Fl Lane 61,Kung Fu Road. Sec.1, Sanchung Dist,
New Taipei City, Taiwan
TEL: 886.2.2999.2152 FAX: 886.2.2999.2465
www.majestic.com.tw mtcsales@majestic.com.tw