



The Cyber/NAS series *ruggedized* Network Attached Data Storage Arrays are designed for deployment in the harshest military and industrial environments while supporting the latest advances in data storage technology. They are ideally suited for configuration within a high speed Ethernet network as Network Attached Storage (NAS). Features include: ultra-high RAID performance via high speed processors and data caching; easily expandable to suit changing needs for up to 4 half height (1.0") removable SATA data storage devices in a single 1U high enclosure, plus multiple enclosure support and hot-swap capability for the data storage devices. The SATA RAID controller supports RAID 0, 1, 5, and hot-swap / hot-spare options. Fully Open Systems compatible, no software drivers required. Remote diagnostic and full RAID management capability via the Ethernet; support for all platforms including Windows, Mac, UNIX and Linux systems; Gigabit Ethernet (10/100/1000 autosensing) host interface. And of course, the Cyber/NAS series supports all SATA manufacturers' disk drives as well as solid-state SATA Flashdisk devices.



FIELD RUGGED - MISSION READY

### CHASSIS

- > Seam Welded Monocoque Aluminum Design
- > Sealed convection cooled options
- > 19" Rack-mount or Pedestal mount
- > Easy Front & Top Access Covers
- > Fully EMI shielded with flexible I/O panel

### UPGRADEABILITY

- > Up to 4 drives for over 2TB of rugged data storage in 1U space
- > Hot swap drive bays
- > On-Line firmware update capability
- > Mix & Match all types of SATA drives or solid-state Flashdisks

### POWER SUPPLY

- > Militarized Power Supply
- > Auto-range AC & DC options
- > Wide Voltage & Frequency Compliance
- > Power Cord with secure Twist-&-Lock connector
- > BBU option

### DISPLAY

- > Full control via built-in RAIDiator OS through Ethernet connection
- > Integrated UPS monitoring
- > SNMP, DHCP and static IP support
- > Integrated Backup Manager
- > Complete drive mapping control

### INTERFACING

- > Drives: Serial - ATA
- > Host: RJ-45 Base-T Ethernet
- > Two USB Ports
- > Gigabit Ethernet (10/100/1000 autosensing)
- > Windows, UNIX, Linux, MacOS, etc.

### PERIPHERALS

- > Low profile (1") disk drive form factors
- > Full support for all SATA hard drives and solid-state Flashdisks
- > Support for Optical drives
- > Mix & Match all drives, media and capacities



ALTITUDE



TEMPERATURE



SOLAR RADIATION



RAIN



HUMIDITY



FUNGUS



SALT FOG



SAND/DUST



VIBRATION



SHOCK



EMI/EMC



UNIT SPECIFICATIONS

Table with 4 columns: Item, Cyber/NAS-4, Cyber/NAS-8, Cyber/NAS-12. Rows include Rack height, Drive capacity, Cache memory per controller, Disk interface, Host interface, Max logical units, and Controller MTBF.

ENVIRONMENTAL

Table with 2 columns: Environmental characteristic and specification. Rows include Temperature, Altitude, Fungus, Humidity, Rain, Salt Fog, Sand & Dust, Solar Radiation, Shock, Vibration, MTBF, MTTR, and EMI/EMC.

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Note: Extended Environmental Characteristics Are Available.

\* Peripheral dependent, based on MIL-STD-810E where noted; preliminary data subject to final test confirmation. Extended environmental performance optional.