ABILITY 4U 106-BAY EBOD

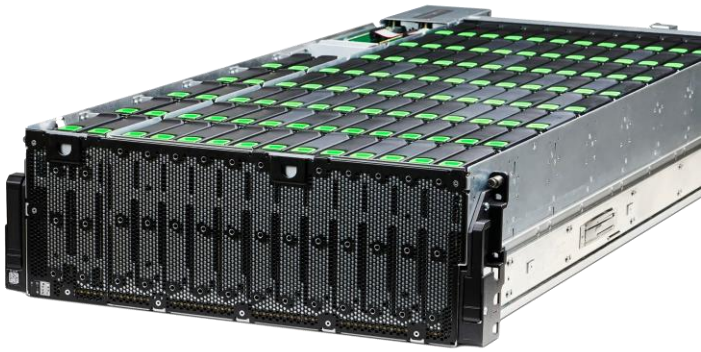
DATA SHEET

Efficient, Agile and Scalable

The RAID Inc. Ability 4U-106 is the industry's largest building block delivering industry-first capacity and density without sacrificing data access speed.

Build Exabyte-Scale Data Centers Fast

Increase the amount of data that fits in a 4U rack by leveraging up to 106 of our high-capacity hard drives in a single enclosure that holds up to an unprecedented 2.1PB of business intelligence. With an overall maximum bandwidth of 36GB/s, you can access mission-critical and archival data with lightning speed.



Deliver Versatile Architecture Built to Grow

This flexible enclosure includes support and capabilities to manage cables, universal ports, self-configuration controls, and standardized zoning. As the largest building block of our modular systems—which make all critical components interchangeable regardless of size or budget—this platform sets the new standard for data center solutions with extremely high density and capacity, all with unparalleled reliability and performance.

Easy to Set Up, Maintain and Expand

This system's user-focused design reduces support calls and minimizes system downtime. Its modularity makes it first-in-class for reliability, easy setup, maintenance, and expansion and minimizes via hot- swappable expanders and dual data paths, as well as redundant I/O modules, fans, and power supplies. Additionally, this system features toolless drive carriers that allow an administrator to snap drives into the 106 bays in seconds.

Reduce Cost and Resources With Energy-Efficient Features

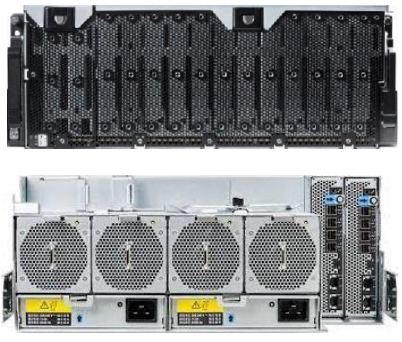
This enclosure is suited for high data retention requirements that are expected to grow. Innovative drive placement maximizes airflow and minimizes power consumption, and unique performance, efficiency, and scalability features provide an unprecedented low TCO.

Product Highlights

- Scale your data center with this very high-density storage platform.
- Minimize a data center's footprint and power consumption while maximizing storage space.
- Eliminate efficiency-draining acoustic interference with the proprietary noise attenuator.
- Maintain your data center easily with toolless drive carriers that save hours of time.
- Ensure data is constantly available with hot-swappable controllers, PSUs, system fan modules, drives and expander cards.

Technical Specifications

General Information	Redundant Path: Yes (SAS only) Host/Expansion I/O Ports: Includes four x4 mini-SAS HD I/O connectors Management Ports: Includes two x 1G Ethernet RJ-45 ports Management/Status Reporting: Out-of-band CLI via management port and in-band SCSI Enclosure Services
Disk Drives	Device Support: 12Gbs SAS drives Max Drives per Enclosure: 106 Available Drive Capacities: HDD up to 20TB
Power Requirements	Input Power Requirements: 200V-240V AC 50Hz/60Hz Max Power Output per PSU: 2kW
Dimensions	Height: (with top cover): 176.4mm/6.95 in Width: (without ears and rails): 441mm/17.4 in Depth: (with handles, without cables): 1139mm/44.8 in Weight: 64Kg/140 lb l Weight (with drives): 150kg/330 lb
Altitude, Power and Temperatures	Operating/Nonoperating Altitude: -100m to 3000m (-330 ft to 10,000 ft)/-100m to 12,192m (-330 ft to 40,000 ft) Operating/Nonoperating Temperature: -40°C to 70°C (max rate of change: 20°C) /5°C to 35°C (de-rated by 1°C per 300m above 900m) Operating/Nonoperating Humidity: 10% to 80% noncondensing / 5% to 100% noncondensing
Vibration and Shock	Operating/Nonoperating Shock[1]: 3 Gs rms, 5Hz to 500Hz, 30 min per axis / 0.54 Gs rms, 6Hz to 200Hz Operating/Nonoperating Vibration[2]: 0.1 Gs rms, 5Hz to 500Hz, 30 min per axis / 0.54 Gs rms, 6Hz to 200Hz



RAID INCORPORATED

RAID Inc. was founded in 1994 to deliver high-performance storage solutions. The company has earned industry praise for providing platform agnostic technical guidance in high performance computing (HPC), big data, cloud and software-defined data centers—in the most efficient, reliable and cost-effective manner. The world's leading research facilities, government, life science, financial, healthcare, energy, and cloud service providers leverage our team of engineers' extensive academic, research lab and commercial expertise that makes RAID Inc. a trusted industry leader. For more information, visit our website www.raidinc.com or call 1.800.330.7335.