

GDS3 RAID

12, 24, 48 and 60 Bay



GDS Advanced Features

- ▶ Intuitive web GUI makes installation, configuration and support simple
- ▶ Modular 2U and 4U chassis design
- ▶ Single or Dual RAID controller configurations with failover / fallback functions
- ▶ 8GB of RAID controller Cache Memory on dual controller
- ▶ RAID capacities range from 96TB into the PB range
- ▶ RAID 1, 3, 5, 6, 10, 30, 50, 60 supported
- ▶ 2 x 16Gb FC / 4 x 8Gb FC / 2 x 10Gb iSCSI / 4 x 1Gb iSCSI / 2 x 6Gb SAS / 2 x 12Gb SAS Host ports per controller
- ▶ JBOD supported
- ▶ Optional Enterprise 15K SAS drive upgrades increase performance
- ▶ Dynamically grow capacities and performance
- ▶ Supports Windows, Apple OSX, Linux, and Unix
- ▶ Redundant, high-efficiency 80 PLUS power supplies
- ▶ Autonomous Power monitoring reduces power usage
- ▶ Thin Provisioning optimally allocates storage capacity
- ▶ VMWare certified
- ▶ Multi-path I/O offers maximum SAN fault tolerant connectivity
- ▶ Logical unit number masking
- ▶ Failed drive reporting and auto-rebuild
- ▶ Simple to use troubleshooting aids and error logs

The GDS Advantage

The GDS is a highly-reliable storage solution for unstructured data and for customers that are looking to improve their green footprint with reduced power consumption without having to sacrifice performance or reliability. Whether you are doing video surveillance, analyzing medical imaging data, editing the latest Hollywood movie, or creating your own Cloud, the GDS will exceed your needs.

With its newly-simplified, browser-based GUI, systems administrators can easily apply changes to the GDS's settings, capacity, and monitor disk loads.

Enterprise-level high-reliability, capacity, and performance needs are supported by flexible, tiered, and dynamically upgradeable storage architecture.

**Up to 1.3M read IOPS and
5,500 MBps read throughput**

**High IOPS solutions ideal for
database and VDI applications**

GDS RAID systems are capable of 8/16 Gbit FC to 6/12Gb SAS or 1/10Gb iSCSI, and have expansion available with JBODs.

- 48 Bay RAIDs are expandable using a total of 336 drives via JBOD enclosures.
- 60 Bay RAIDs are expandable using a total of 360 drives via JBOD enclosures
- RAID controllers have 4GB RAM (per controller)
- The product is capable of RAID levels 0, 1 (0+1), 3, 5, 6, 10, 30, 50, 60, N RAID and JBOD, with redundant fans and power supplies
- Expansion from RAID to JBOD is by SFF-8088 to SFF-8088 SAS port(s) on each chassis
- SAS interconnect cable(s) are included with expansion JBODs.
- Dual controller RAID controllers include BBU's (1 per controller)
- For single controller RAIDs, BBU is an option
- RAIDs ship complete with RAID chassis and controller(s), drives, rackmount kit

Dimensions

48 Bay - 446mm (W) x 176mm (H) x 874mm (D)** / Weight 68.4kg/ 150.80lbs (without HDDs)

60 Bay - 446mm (W) x 176mm (H) x 882mm (D)** / Weight 68.4kg/ 150.80lbs (without HDDs)

**Without chassis ears / protrusions