

Besides its people, a company's data is one of its most critical assets. Keeping that data stored, accessible and secure has become complex and expensive as companies are faced with massive data growth, increasingly stringent regulatory requirements and distributed environments that can range from across-the-hall to across-the-globe. Overland Storage® recognizes the need for businesses to do more — with less, and offers effortless data management and protection solutions. The SnapDisk E1000 provides flexible expansion for the SnapSAN S1000 series of products enabling scalability of up to 120TB. The E1000 expansion units can be populated with up to 12 SAS or SATA drives for a customized mix of price and performance.

Start Small and Grow Big

With the SnapDisk E1000, you can start small and grow big. Each E1000 enables you to add your choice of SAS or SATA disk drives to SnapSAN S1000 systems. In addition, Each S1000 can support up to four E1000 Expansion Units, giving you flexibility at the time of acquisition to purchase what you need, and effortlessly scale your storage data as your business requirements change — over time.

Flexible

The SnapDisk E1000 provides effortless scalability to meet your growing storage needs. The E1000 takes advantage of SnapSAN scalability features to ensure the new capacity will be instantly available without disruption to users or applications. Each E1000 supports SAS, Enterprise SATA, or Green SATA drives for a blend of price and performance to fit your specific storage needs. Up to four E1000 expansion units can be daisy-chained to the redundant SAS ports on the SnapSAN S1000 system.

Highly Available

The SnapDisk E1000 is designed for high availability. It is well equipped with fully redundant hot-pluggable components, including redundant controllers, power supplies, fan modules, and expansion ports providing non-stop operation. Maximum system availability is achieved with redundant 6Gb/sec SAS connections.

Green





All E1000 systems support a variety of "Green" features and advanced cooling mechanisms which maximize energy efficiency and power savings. The auto disk spin-down feature along with support for Green drive technology ensures that the system is consuming only the amount of power required to serve data. Environmental temperatures are monitored and fan modules are automatically adjusted as needed to keep the system cool and running optimally.



Highlights

- Plug-and-play expansion with redundant 6Gb/s SAS connectivity for SnapSAN systems
- Fully redundant, hot-swappable controllers, power supplies, and fans
- 2U modular storage expansion with support for 12 SAS or SATA drives
- Green storage design includes Green drive option, auto disk spin-down, advanced cooling mechanisms
- Enables SnapSAN S1000 scalability to 120TB with the addition of four SnapDisk E1000 expansion units

Specifications

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| Drive Configuration | Each SnapDisk E1000 expansion unit has a total of twelve drive slots available that can be populated with either 3.5" SATA II or SAS disk drives. Drive packs of four disk drives can be ordered at the time of purchase. |
| Drive Capacities | Enterprise SAS drives - 600GB, 300GB (15,000 RPM) Enterprise SATA drives - 1TB, 2TB (7,200 RPM) Energy Saving Green SATA drives - 1TB, 2TB (variable speed) |
| Expansion | Each SnapSAN S1000 can expand up to 60 drives with four E1000 expansion units (120TB maximum) |
| Included with Unit | 2 mini-SAS cables (1 meter) with SFF-8088 connectors, custom 19" rackmount slide rails, power cords for US, UK and EU |
| Agency Approvals | CE, cULus, FCC Class A, RoHS     |
| Power | 500W auto ranging, hot-swappable modules (1+1 Redundant), 100-240VAC, 47-63Hz, 7 - 4 Amp |
| Power Consumption | Maximum Dual: 424W; Single: 392W – 12 x 2TB HDD Normal Dual: 314W; Single 282W – 12 x 2TB HDD, full-speed fans and drives spun up Standby Dual: 250W; Single: 218W – 12 x 2TB HDD, low-speed fans and drives spun down No HDD Dual: 154W; Single: 122W |
| Environmental Limits | Operating Temperature Range: 0° C to 40°C (32° to 104° F), Operating Humidity Range: 5% to 95% non-condensing, Operating Altitude: -200 ft to 10,000 ft (0m to 3,048m) |
| Physical/Mounting | 2U 19" Rackmount Width: 17.5 in (442.8 mm), Height: 3.5 in (88 mm) 2U, Depth: 19.8 in (500.6 mm) Weight: 55 lbs, 19 in rack mount bracket set included Minimum rack depth 25 in (635 mm) |
| Included with Unit | 2 Mini-SAS cables (1 meter) with SFF-8088 connectors, Custom 19 in rack-mount kit, Power Cords for US, UK & EU |
| Standard Warranty | The SnapDisk E1000 is covered by a three-year OverlandCare limited hardware and software warranty including Next Business Day Advance Parts Replacement support and 24x7 telephone support. SnapDisk E1000 systems are eligible for enhanced maintenance options to augment the standard limited warranty. Support coverage of all expansion units must be purchased separately and run concurrently with the primary unit. For full details of all of our service programs, please contact your preferred authorized reseller or contact Overland Storage directly at +1 (858) 571-5555. |

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